Geochemical Report
On The
APCAR Project
(Alkalic Porphyry Copper Gold Recon)

Work Period August 1st to October 30th, 2013

Located In
Whitehorse Mining District
On
NTS 105-E-02,06,07,08
61° 17' Latitude, 134° 44' Longitude

By
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January 10th, 2014

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Location – The APCAR Project is located in the Whitehorse Mining District on NTS mapsheets 105-E-02, 06, 07, 08, centred at approximately 61° 17' north and 134° 44' east. The area to be evaluated is located east of Lake Lebarge, west of the Livingstone Placer Mining Camp, north of Teslin Mountain and south of the Yukon River, see figures 1and 2 for location details.

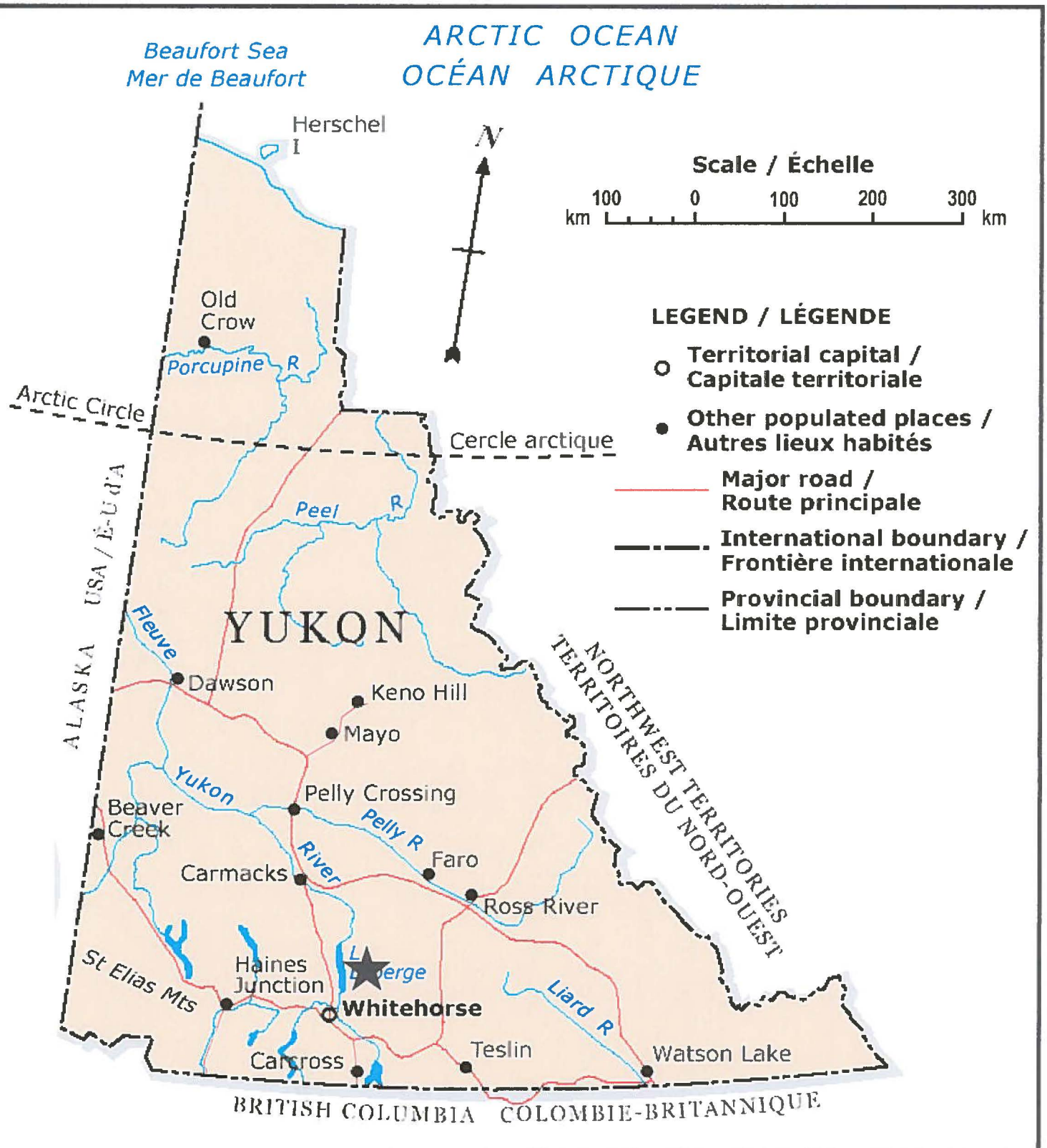
Access – Access was achieved by helicopter from Whitehorse, with the distance to the furthest portion of the project about 85 km, yielding a one-way flight time of about 35 minutes. Staging areas along the Klondike Highway are within 50 km of the most distant portion of the project and will provide excellent jumping off sites for helicopter intensive phases of exploration such as airborne geophysical surveys or diamond drilling programs. The road to the Livingstone Placer Camp is somewhat driveable to the general vicinity of the Pine showing, which is located at the southwest edge of the project area, placing it within 40km of the most distant portion of the project. Numerous lakes suitable for float equipped aircraft occur throughout the APCAR area, with several of them well situated as potential staging areas for more advanced and sizeable work programs.

Topography And Vegetation – Climate in the area of the APCAR Project is typified by warm summers and cold winters. Precipitation is low, and is comprised of about 120 centimetres of snow and 15 centimetres of rain annually. The project is normally free of snow from mid-May to mid-October. Permafrost is locally present on poorly drained north-facing slopes.

The APCAR Project is located within a physiographic region known as the Lewes Plateau, a glaciated area typified by rounded and rolling hills, plateaus and broad steep walled U-shaped valleys. Numerous lakes, streams and swamps fill the network of valleys that characterize this region. Valleys generally trend northwest and likely represent glacially enhanced features paralleling the predominant structural trend of the area. Widespread till and glaciofluvial gravels, deposited by northwest moving glaciers and attendant fluvial action, occur at various elevations throughout the area, and are a hindrance to prospecting efforts due to their ability to mask bedrock and dilute or broadly disperse the geochemical response of soil or stream sediment samples sourced from these areas. Relief varies from about 600 meters on the shores of Lake Laberge to a height of about 1,483 meters above sea level at the Mars (Tuv) prospect. Very high winds can be expected at the tops of the higher peaks in this area, with the mountain on which the Mars prospect is located aptly named Windy Mountain.

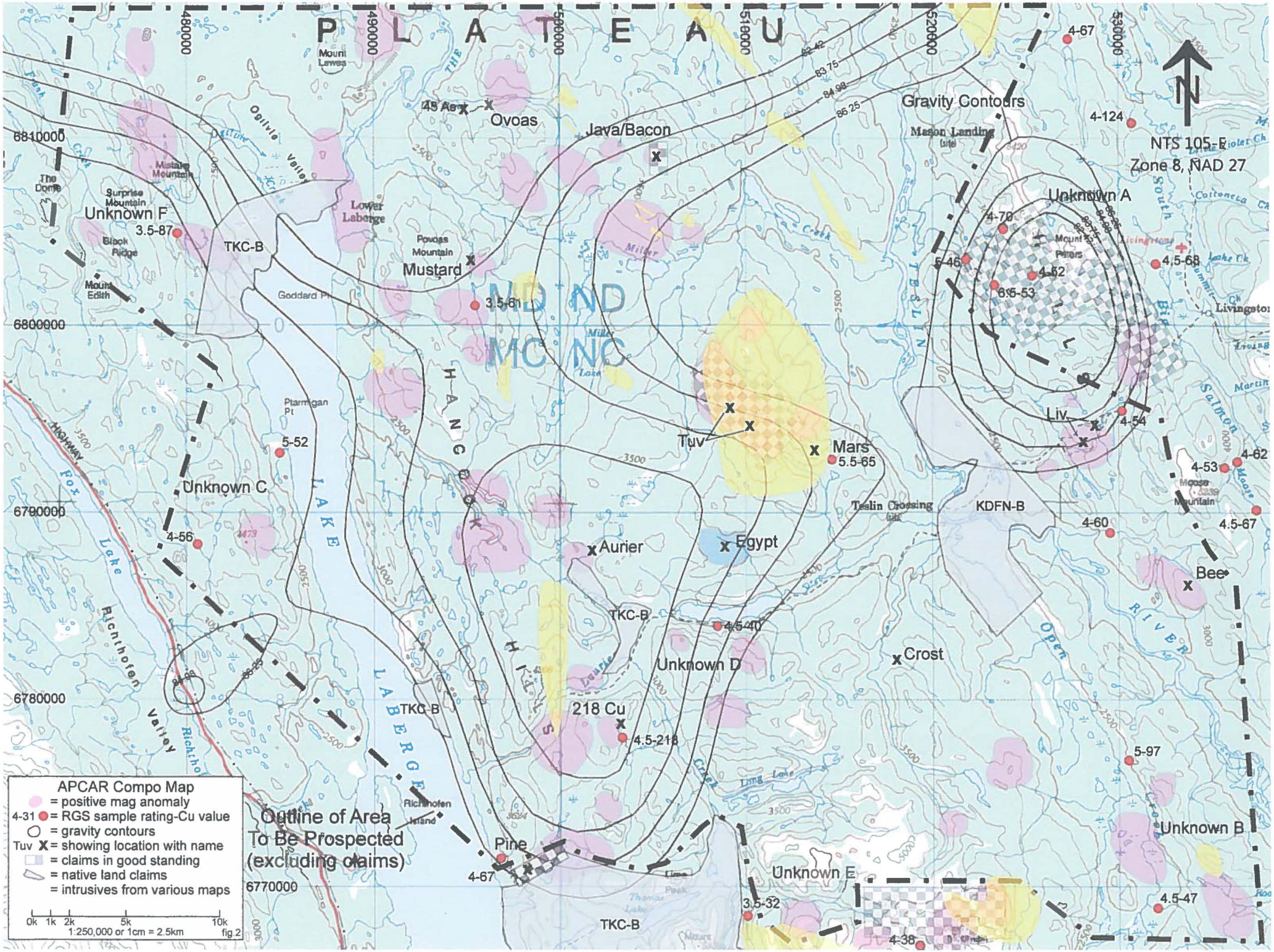
Vegetation consists of a mixture of pine, spruce and aspen common at lower elevations and on steep south-facing slopes and stunted varieties of the above on north facing slopes and at higher elevations. The widespread presence of spruce trees makes them an obvious choice to form the basis of a regional scale biogechemical sampling program in this area. Undergrowth at higher elevations and on steep south facing slopes consists of lichen, moss and grass while moist areas and some north facing slopes commonly contain thicker moss and more shrubs, such as alder and willow. Given that much of the project is located well below treeline significant time was spent trying to locate acceptable landing sites within reasonable walking distances of prospective areas, with many of the landing sites consisting of open areas in swamps or adjacent ponds.

Claims And Land Status – There are a total of 229 active quartz claims (no active placer claims) within the area to be prospected including: 14 DDL claims held by Archer Cathro to cover the Pine target, 8 Java claims held by Dennis Ouellette to cover the Bacon target, 93 DDH and Star claims held by Archer Cathro to cover the Tuv target, and 114 BBK claims held by Golden Predator to cover ground along the south edge of the target area. Several land claim blocks belonging to the Taan Kwachan (TKC) and Kwanlin Dun First Nation (KDFN) are within the area, but their locations and category B status should not impede the prospecting program.



Target Area ★

To Accompany: 2014 APCAR Report	January 22nd, 2014
By: Bernie Kreft	Figure 1


P L A T E A U
Gravity Contours
NTS 105-E
Zone 8, NAD 27
Unknown A
Unknown F
3.5-87
TKC-B
Mustard
3.5-61
Ovoas
Java/Bacon
Tuv
Mars
5.5-65
Unknown C
4-56
5-52
Aurier
Egypt
Teslin Crossing
KDFN-B
4-60
Bee
4.5-67
4-62
4-53
Liv.
4-54
4-70
5-46
4-52
6.5-53
4.5-68
4-124
4-67
Unknown D
4.5-40
Crost
218 Cu
4.5-218
5-97
Unknown B
Unknown E
3.5-32
4.5-47
4-38
Pine
4-67
Outline of Area
To Be Prospected
(excluding claims)
APCAR Compo Map
= positive mag anomaly
4-31 = RGS sample rating-Cu value
= gravity contours
Tuv X = showing location with name
= claims in good standing
= native land claims
= intrusives from various maps
0k 1k 2k 5k 10k
1:250,000 or 1cm = 2.5km
fig.2

Target Description And Geology – Alkalic to calc-alkalic porphyry copper-gold mineralization and associated deposit types within the Stikine or Quesnel Terranes (Quesnel Trough).

Gold-enriched porphyry deposits contain the largest reserves of copper and approximately 50% of the gold reserves in British Columbia. Deposit types include alkalic porphyry Cu-Au, and calc-alkalic porphyry Cu +/-Mo +/-Au. Alkalic porphyry deposits are exclusive to late-Triassic to mid-Jurassic intrusive activity within the Quesnel and Stikine terranes, while calk-alkalic porphyry deposits, although also found within the Quesnel and Stikine terranes, can be related to high-level stocks from either the late Triassic to mid Jurassic or late Cretaceous to early Tertiary.

Porphyry style mineralization within the Quesnel Trough is most commonly associated with late Triassic to mid Jurassic intrusive stocks, plutons or dyke complexes and coeval volcanic rocks. Mineralization occurs within veins, stockworks, along fractures and as disseminations within hydrothermally altered wallrock and breccia zones. Idealized alteration occurs in a concentric pattern consisting of a potassic core grading into phyllic and an outermost propylitic zone. Mineralization, especially pyrite, also commonly follows a concentrically zoned pattern consisting of a low sulphide core gradational to a pyrite and sulphide enriched halo and an outer zone with predominantly pyrite. Copper and gold grades are commonly highest at the boundary between the potassic and phyllic alteration zones associated with moderate amounts of pyrite. Most porphyry deposits within the Quesnel Trough occur within a linear array generally paralleling the continental margin, with their distribution related to the level of bedrock exposure and preservation.

The APCAR project occurs at the boundary of the Stikine and Quesnel Terranes in an area of mixed sedimentary and volcanic strata intruded by various plutonic rocks dating from either the late Triassic to mid Jurassic or the late Cretaceous to early Tertiary. Initial mapping by Bostock in 1938 has been modified several times, and due to widespread cover and a lack of age dating, many major corrections are likely still required. See fig's 3 to 5.

Targeting Methods – Due to their outstanding economic potential numerous studies have been completed on the various exploration methods and vectoring strategies used in the search for porphyry deposits. A synopsis of these methods and strategies is as follows.

Geological mapping provides the framework which all other exploration methods rely upon. The identification of intrusive bodies of proper age and composition helps focus exploration efforts into favorable regions. Once a mineralized system is located, there is a strong possibility that more mineralized systems will be located as they often occur in clusters both on a property as well as a regional scale. Alteration mapping can also be a significant vectoring tool. Cordilleran copper porphyry deposits generally exhibit typical concentric alteration patterns consisting of a potassic core (magnetite as well as secondary k-feldspar and biotite), enveloped by phyllic or sericitic alteration (quartz, pyrite, sericite and kaolinite) grading into an outer propylitic shell (epidote, chlorite, albite and calcite). The identification of these alteration patterns can help guide exploration efforts.

A variety of deposit types are spatially and genetically related to porphyry copper deposits, including skarns and replacements, as well as precious metal enriched epithermal veins. Copper skarns and replacements occur within carbonate bearing lithologies near many porphyry copper intrusive complexes, and skarn mineral zoning patterns may be useful in the targeting of a potentially associated porphyry copper deposit. Vein deposits, with occasional bonanza grade gold-silver values, occur peripheral to many porphyry deposits (Brucejack, Toodoggone) but can also be found crosscutting porphyry-style mineralization (Copper Canyon, Brenda Mines).

Open File1101, Templeman-Kluit, 1984 (fig.3)

UPPER CRETACEOUS
Open Creek Volcanics

uK_O Reddish, white, green and bluish dacite flows and flow breccia; brown basalt flows on Solitary Mountain. Laberge map area.

MID-CRETACEOUS
MOUNT NANSEN GROUP

K_{HN1} (Packers Mountain)- Recessive, rusty weathering, aphanitic, flow banded dacite and rhyolite; minor porphyritic dacite. Laberge map area.

K_{HN2} (Teslin Mountain)- Resistant, dark green, massive andesite, greenstone and volcanic breccia. Laberge map area.

K_{gdp} Homogeneous, massive, fine grained, pale mauve porphyritic hornblende biotite granodiorite to syenite; subvolcanic to Mount Nansen Group on Teslin Mountain; gradational to K_{gd}. Laberge map area.

CASINO GRANODIORITE

K_{gd} Resistant, massive, dark weathering, medium grained, equigranular, unfoliated, mesocratic biotite-hornblende granodiorite: plutonic phase of Mount Nansen Group. Carmacks map area.

UPPER JURASSIC AND/OR CRETACEOUS
Tantalus Formation

JK_T Thickbedded, resistant, chert-pebble conglomerate, minor interbedded gritty chert-grain sandstone: JK_{T1}- Massive to thickbedded, gritty sandstone with quartz, chert and feldspar grains: JK_{Tv}- Red weathering, dacite to andesite flows beneath Tantalus strata near Hootalinqua. Laberge map area and Carmacks map area.

MIDDLE JURASSIC (BAJOCIAN TO BATHONIAN)
Teslin Crossing Stock and Dykes

J_{pp} Medium to fine grained, equigranular, leucocratic monzonite, syenite and granite (Teslin Crossing Stock); dykes of dacite to andesite porphyry with euhedral andesine, hornblende and locally quartz in aphanitic greenish, or grey groundmass. Laberge map area.

LOWER AND MIDDLE JURASSIC
LABERGE GROUP

J_L Undifferentiated Laberge and Lewes River Group shale, greywacke and conglomerate between Open Creek and Teslin River; J_{LCG}- conglomerate, like that of the Conglomerate Formation, but with some chert clasts; TR_H?- limestone, probably part of the Lewes River Group. Laberge map area.

J_T Moderately resistant, pale yellow to buff weathering, thick to medium bedded gritty, coarse grained arkose and feldspathic sandstone; interbedded granite-pebble conglomerate; interbedded brown shale. Carmacks map area and Laberge map area.

J_C Resistant, massive to very thick bedded, red brown weathering, well-indurated, matrix- and clast-supported, boulder, cobble and pebble conglomerate; clasts of andesite-basalt, subvolcanic dacite porphyry and granodiorite; minor interbedded greywacke and shale. Laberge map area and Carmacks map area.

UPPER TRIASSIC TO JURASSIC
LEWES RIVER GROUP
KARNIAN TO SINEMURIAN
Aksala Formation
Handanna Member (Norian to Sinemurian)

TR_H Red weathering, moderately resistant, medium bedded, green and red greywacke and pebble conglomerate; red shale partings, minor interbedded red shale and siltstone. Laberge map area.

Casca Member (Carnian to Norian)

TR_C Recessive, brown and rusty weathering, brown shale and greenish, calcareous greywacke and sandstone; interbedded bioclastic limestone and argillaceous limestone; minor conglomerate and agglomerate. Laberge map area.

Hancock Member (Carnian to Norian)

TR_H Resistant, white weathering, massive limestone and thick bedded limestone; minor thin bedded argillaceous limestone. Laberge map area and Carmacks map area.

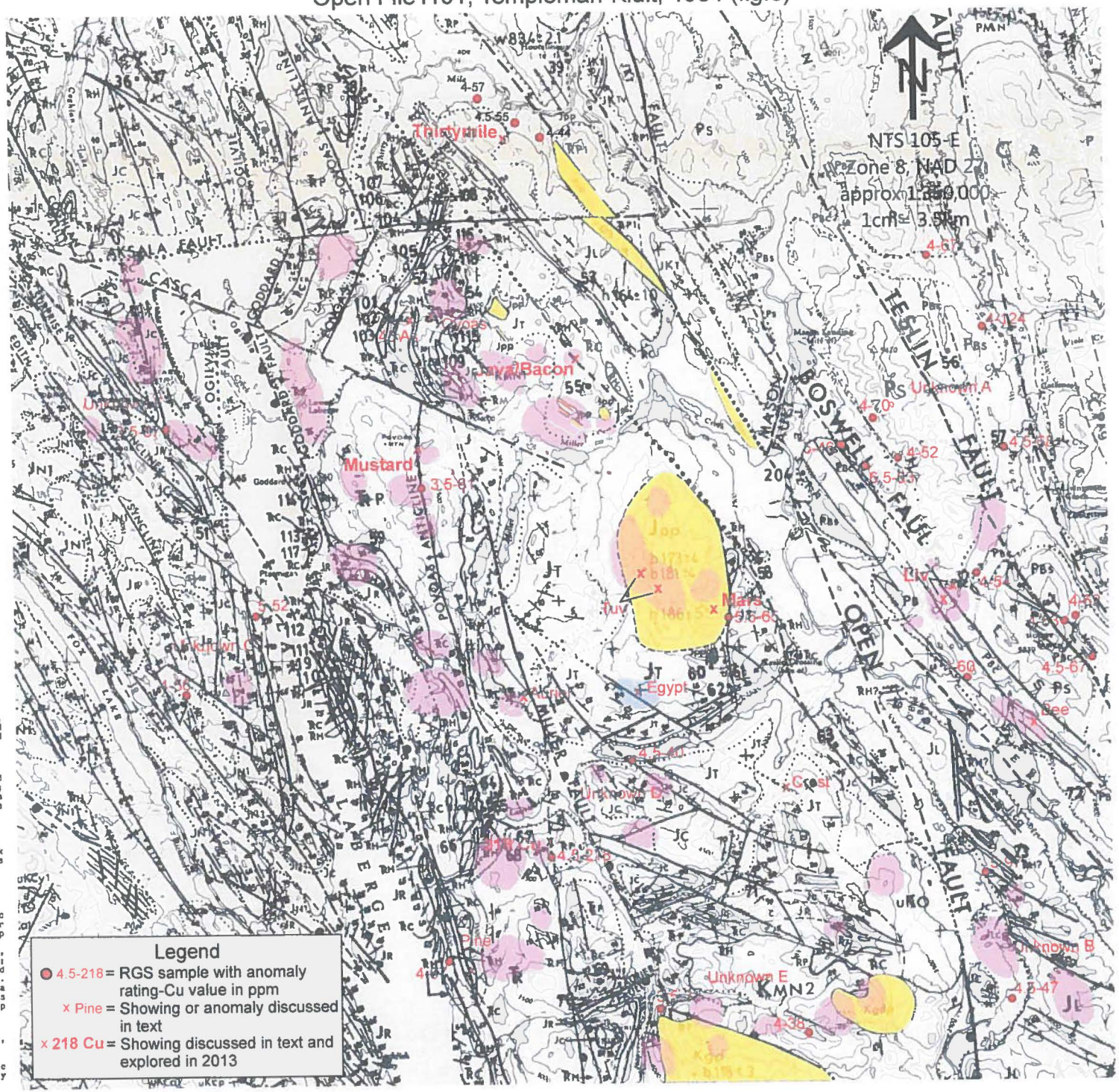
CARNIAN (AND OLDER?)
Povoas Formation

TR_P Massive, resistant, dark weathering, dark green andesitic basalt, volcanic breccia, tuff and agglomerate; minor augite porphyry and massive flow rocks. Laberge map area.
TR_{P1}- massive, resistant, dark green, volcanic breccia, tuff, agglomerate and augite porphyry in Tatchun Belt; includes TR_{Pm}- chlorite-amphibole schist, the sheared and metamorphosed equivalents in Carmacks map area.
TR_{P2}- massive, red weathering, dacitic volcanic breccia and tuff; includes minor limestone; resembles Nordenskiold Dacite. Carmacks map area and Laberge map area.

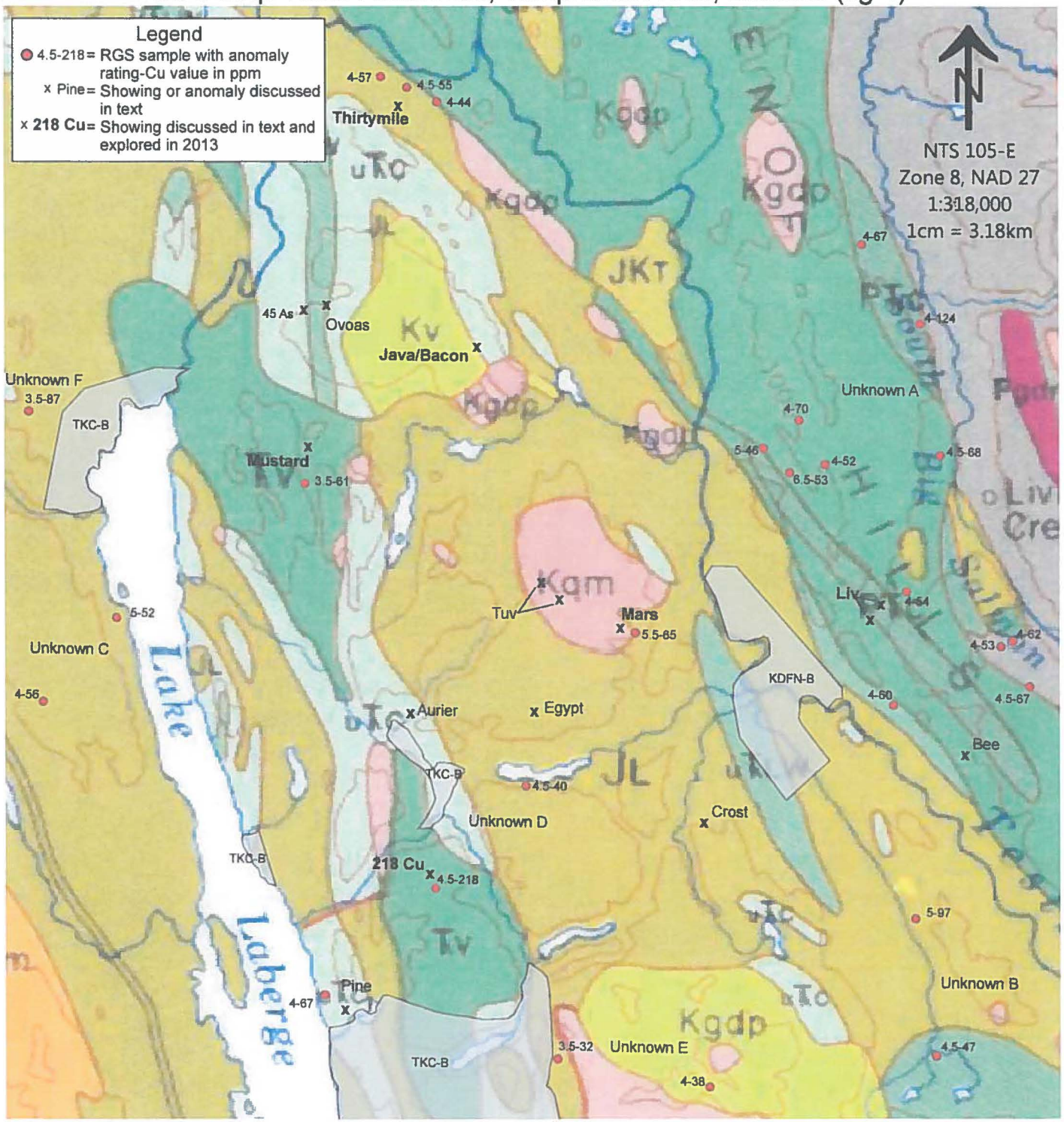
LOWER AND MIDDLE PENNSYLVANIAN

P_{Bc} White weathering, massive to thick bedded, resistant, grey, micritic limestone. Laberge map area.

P_{Bv} Resistant, massive, dark green, altered basalt, volcanic breccia and greenstone; distinguished from P_S by stratigraphic context. Laberge map area.



GSC Map 1398A Gabrielse, Templeman-Kluit, Blusson (fig 4)



LATE TERTIARY

- LTf felsite, granite porphyry
- LTy soda syenite
- LTg rhyolite porphyry, granite, granodiorite
- LTqm quartz monzonite
- LTgp granite porphyry

CRETACEOUS AND TERTIARY

- KTg granite, quartz monzonite
- KTgd granodiorite, quartz diorite
- KTqd tonalite
- KTvdp andesite and dacite porphyry

CRETACEOUS

- Ky syenite, monzonite
- Kg granite
- Kgp porphyritic granite
- Kqm quartz monzonite, granodiorite; CASSIAR quartz monzonite, alaskite

CRETACEOUS

- Kʏ YAKUTAT (VALDEZ) GROUP: greywacke, shale, limestone conglomerate; minor basic volcanics, metasediments and granitoid gneiss
- Kvm pillow lava, breccia, tuff; metavolcanics
- Ks non-marine sandstone, shale, conglomerate, coal
- Kv basalt, andesite, quartz dacite
- KSF SOUTH FORK: andesite, dacite, basalt

UPPER CRETACEOUS

- uKs sandstone, conglomerate, shale, siliceous tuff

JURASSIC AND CRETACEOUS

- JKD DEZADEASH GROUP: argillite, greywacke, conglomerate, volcanics
- JKKH KENO HILL: quartzite (may be older)
- JKT TANTALUS: conglomerate, siltstone, arkose, coal
- JKK KLUANE: sericitic, biotitic schist, gneiss, amphibolite

JURASSIC

- JL LABERGE GROUP: greywacke, arkose, conglomerate
- Jp graphitic phyllite, quartzite, greenstone

TRIASSIC AND JURASSIC

- TJs argillite, sandstone, siltstone
- TJsv volcanic and sedimentary rocks
- TJc limestone
- TJvp augite, hornblende feldspar porphyry

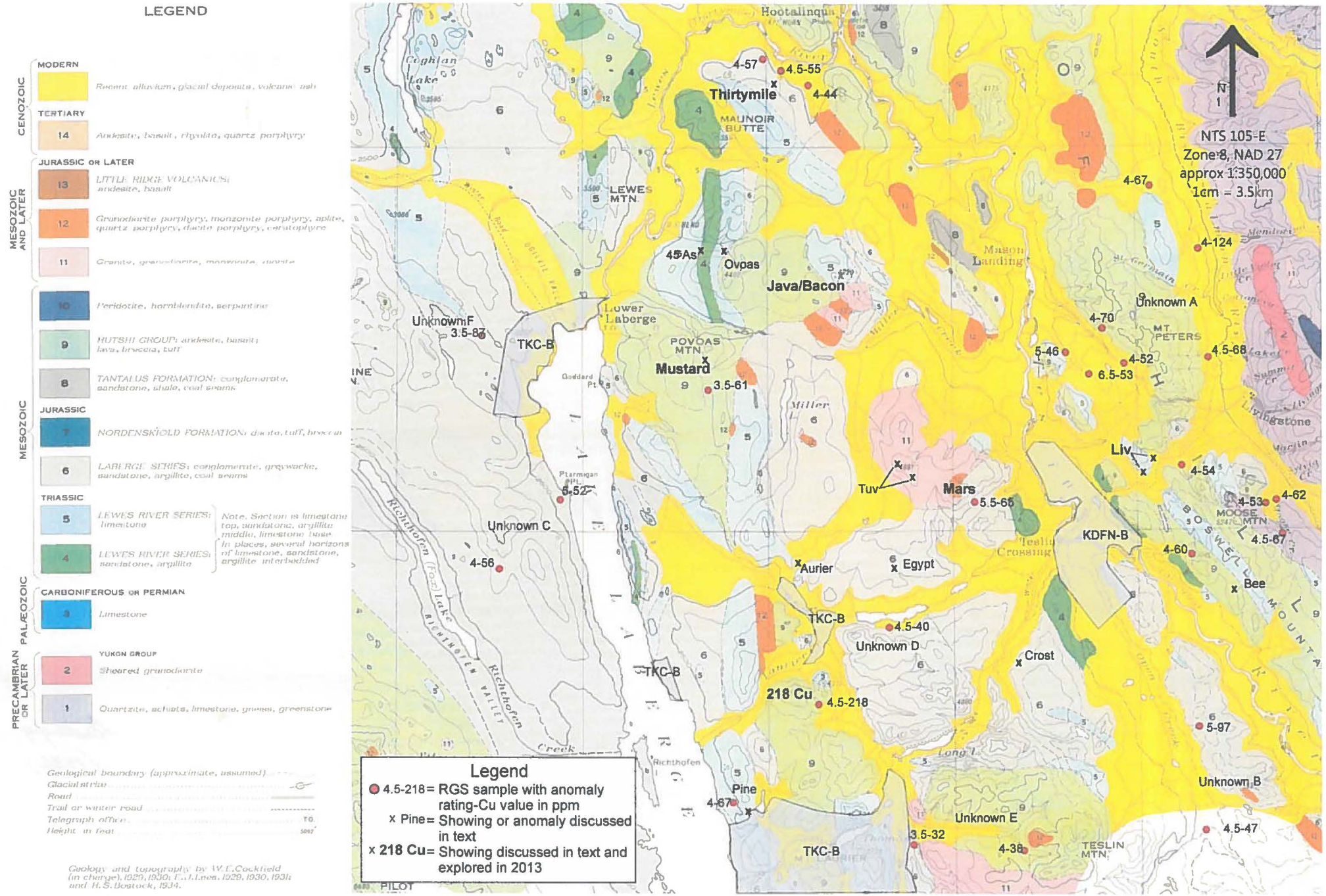
TRIASSIC

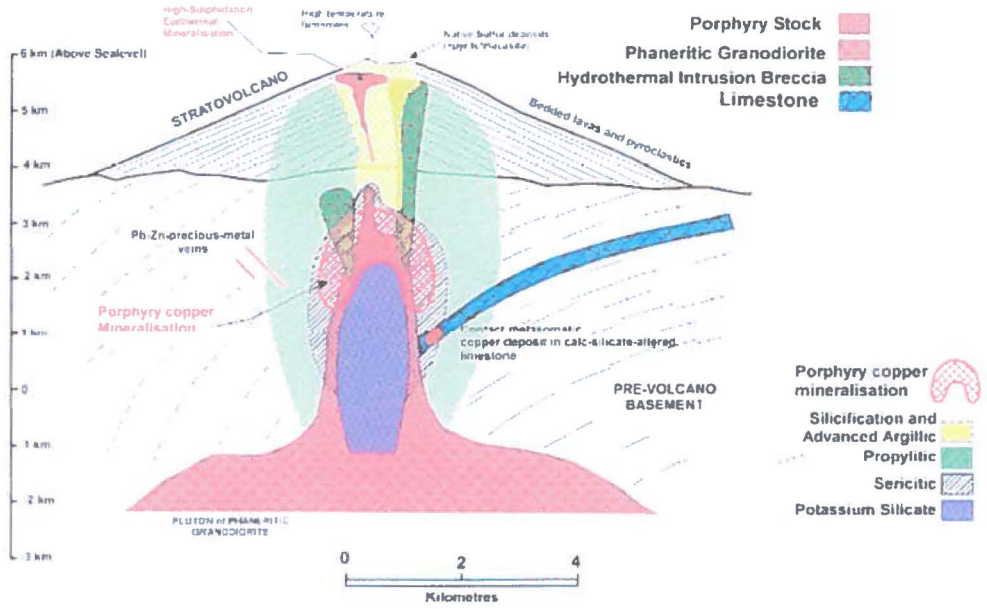
- Tcg polymictic conglomerate
- Ts sandstone, siltstone
- Tv basaltic greenstone

UPPER TRIASSIC

- uTLw LEWES RIVER GROUP: greywacke, argillite, congl
- uTs CHITISONE, McCARTHY: limestone, dolomite, shale
- uTc LEWES RIVER GROUP: limestone
- uTLv LEWES RIVER GROUP: andesite, basalt
- uTN NIKOLAI: greenstone, basalt, andesite, limestone (may include MIDDLE TRIASSIC shale)

1938 Bostock and Lees Geology Map (fig 5)





Regional scale stream sediment sampling surveys have demonstrated significant ability to detect exposed porphyry systems and associated deposit types. Economic mineralization generally consists of variable amounts of chalcopyrite, bornite, molybdenite, gold and silver, along with lesser but occasionally important amounts of sphalerite. Gangue minerals include pyrite, occasionally abundant magnetite, arsenopyrite, stibnite, hematite, biotite and sericite. Common porphyry indicator minerals include apatite (fluorine bearing), rutile and titanite. Stream sediment samples anomalous in copper as well as one or more of the following elements: Mo-Au-Ag-Fe-Zn-As-Sb-F-Ti, can be considered potentially indicative of the presence of a porphyry system.

Recent studies (Dunn, Eberlein etc) of various geochemical sampling methods have shown that deep till samples or biogeochemical sampling methods involving bark or humus are excellent methods for locating mineralization in till covered regions such as the area of the APCAR project. Of particular interest is that traditional B or C horizon soil sampling is invariably the least effective method for identifying mineralization through till cover. Biogeochemical anomalies are often quite subtle therefore a somewhat greater significance should be given to sites exhibiting a multi-element signature as opposed to those with only single element highs.

Geophysical surveys have long been a key component of porphyry exploration programs. The porphyry model has clear guidelines for the various geophysical signatures associated with intrusive activity, hydrothermal alteration, and mineralization that occur during the formation of a system, thus providing a powerful guide for the selection of geophysical methods as well as their use and interpretation. Publically available geophysical data within the Yukon is generally restricted to airborne magnetics and broad scale gravity surveys. Magnetic surveys can guide geological mapping efforts as well as being able to detect the magnetite and other metallic minerals commonly associated with economic mineralization. Porphyry targets generally manifest as a circular to semi-circular magnetic high, and occasionally as a magnetic low in the case of intrusions into highly magnetic volcanics or in areas of magnetite destructive phyllic a/o argillic alteration. These magnetic anomalies are typically several square kilometres in size and may exist singly or as part of a cluster of similar features. The wide-spaced nature of publically funded gravity surveys limits their usefulness to outlining regional geological features which may help define areas with increased porphyry potential.

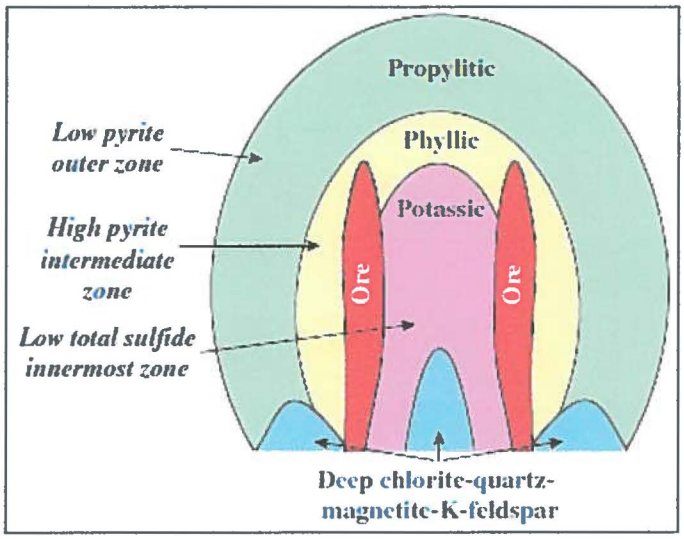


Figure 1. Cross section of a porphyry copper deposit showing idealized alteration zoning (after Lowell and Guilbert, 1970).

Other geophysical methods with applicability for regional scale porphyry exploration include airborne radiometric surveys and ASTER data. Excellent early stage targeting can be gained from airborne radiometrics which detect and map radioactive emissions from the decay of uranium, thorium, and potassium found within surficial material. Data typically includes absolute values as well as ratios for each element. Porphyry exploration programs have shown that thorium enrichment generally does not accompany potassium during hydrothermal alteration processes, therefore eTh/K ratios provide an excellent way to distinguish between potassic alteration and anomalous potassium related to normal lithological variations. Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) data can be used as a tool for mapping hydrothermal alteration zones associated with porphyry systems as well as related host-rock lithologies. Hydrothermal alteration zones associated with porphyry copper deposit can be discriminated from one another by virtue of their spectral absorption features, which are detectable by ASTER spectral bands. The identification of phyllic alteration is important in the initial stages of porphyry copper exploration as an indicator of high potential for mineralization.

Previous Work And Results – From a regional perspective specific geological terranes with proven potential for porphyry mineralization are the most prospective for further discoveries. In proven areas the local geological environment is known to be favourable for the development of porphyry systems and the level of erosion is such that it can be expected that other yet to be discovered systems are exposed sufficiently to allow for ease of discovery, but are not eroded away. Of equal importance is that the characteristics of known targets can be studied with a view towards providing guides for local exploration efforts.

Initial hard-rock exploration efforts within the target area consisted of regional scale sampling programs by United Keno Hill Mines in 1971, a joint venture between Dome and Cominco (DC Syndicate) in 1975 and Dupont Minerals in 1981.This work located numerous anomalies and mineralized showings most of which received only limited follow-up work. A small local exploration burst started in 1995, roughly coinciding with Placer Dome's option of the Tuv (Mars) property. Several nearby properties were also staked at this time, but only limited work was completed on them and almost all claims, apart from those covering the Tuv prospect, have now lapsed. Tuv has seen semi continuous exploration since the Placer option, with the latest

work consisting of a 2011 drill program by New Dimension Resources.

Tuv – The Tuv (Mars) prospect is a gold-copper porphyry target defined by a 1 x 3 kilometre northwest oriented zone of potassic alteration with associated chalcopyrite and magnetite bearing veins and stockworks. This target is also defined by a positive airborne magnetic anomaly along with copper, gold, and molybdenum soil anomalies. Mineralization is believed to be related to a silica-saturated alkalic intrusion similar to the Mount Milligan deposit in British Columbia. These deposits typically have elevated gold and silver values and decreased molybdenum as compared to more classic porphyry copper deposits.

Exploration has been carried out intermittently on this prospect since copper mineralization was first discovered by United Keno Hill Mines in 1971. Work to date has been hindered by glacially transported overburden of variable thickness and has included geological mapping, hand trenching, soil geochemical surveys, ground and airborne geophysics, and 7 short diamond drill holes. The geochemical soil surveys reveal a significant northwest trend with the majority of the samples containing greater than 100 ppm copper, to a maximum of 2594 ppm copper. Gold values show a high of 485 ppb and locally overlap the areas of anomalous copper values. The 7 drill holes tested only a small portion of the property with the main geophysical and soil anomalies not tested. Although this diamond drilling was outside the main area of interest, one hole encountered a 4.37 metre intersection grading 6.43 g/t Au coinciding with a positive magnetic anomaly.

Highlights from a 2011 two-hole drill program include two intersections near the bottom of hole Mars-11-02 returning 23.07 metres of 0.27 gram per tonne gold and 0.16 per cent copper and 14.75 metres of 0.17 g/t gold and 0.25 per cent copper. The two core holes, totalling 637.03 metres in length, were drilled 800 metres apart along the margin of the mineralized porphyry system, approximately 2000 metres west of the previous gold enriched intersection, to test a significant airborne geophysical target that coincides with highly anomalous gold and copper soil values. Both holes intersected significant widths of altered intrusive rock types hosting varied amounts of magnetite, pyrite, chalcopyrite and molybdenite. Further drilling was recommended to expand upon the existing intersections as well as remaining untested areas of the soil and magnetic anomalies. Prospecting and sampling was also recommended for other untested areas of the pluton.

Java/Bacon – Initially discovered by the DC Syndicate in 1975 who located several areas of fracture controlled or disseminated chalcopyrite and molybdenite mineralization within andesitic as well as granitic intrusive rocks. Limited amounts of mapping and soil sampling were completed, with the claims allowed to lapse due to poor results from the soil sampling program. Restaked in 1996 by Camdan Exploration who completed several limited exploration programs resulting in the discovery of mineralized trachyte and skarn, samples of which returned values of up to 1.8% Cu, 7.1% Zn and 1639 ppb Au. Camdan reported that their work was severely hindered by thick vegetation and till cover.

Liv – Initially staked in 1963, and again in 1971, by local placer miners who reported the presence of a pyritic gossan in an area of limestone, argillite and andesitic volcanics. Restaked by Mark Lindsay who took 14 rock samples and three soil samples, analyses of which returned values of up to 8167 ppm copper and 327 ppb Au clustered in two areas approximately 1300 metres apart. Although rock descriptions were not given, mineralization reportedly consisted of disseminated sulphides within hornblendite and mafic rocks.

Pine – Spotty and erratic skarn alteration and mineralization grading up to 16.75% Cu, 367 g/t Ag and 33.8 g/t Au has been found in the thermal aureole of a Jurassic aged stock exhibiting occasional weak hydrothermal alteration and disseminated magnetite and chalcopyrite. High precious metal values may represent a later epithermal event overprinting earlier skarn mineralization. Soil sampling programs were unable to extend the mineralization due to the presence of deep and occasionally frozen overburden.

Mustard – Initially staked in 1975 by DC Syndicate which performed mapping and soil sampling later in the year. Exploration located a small showing, likely epithermal in nature, consisting of visible gold in quartz stringers hosted by a rhyolite dyke cutting andesitic volcanics. Subsequently staked and dropped by several groups who found the showing to be of limited size and extent.

Aurier – Staked in 1981 by Dupont who completed limited mapping and sampling to follow up a gold stream sediment anomaly located during their regional scale Kulta Project.

Crost – Staked in 1981 by Dupont who completed limited mapping and sampling to follow up a gold stream sediment anomaly located during their regional scale Kulta Project.

Ovoas – Staked in 1981 by Dupont who completed limited mapping and sampling to follow up a gold stream sediment anomaly located during their regional scale Kulta Project.

Bee – Initially staked in 1963, and again in 1971, by local placer miners to cover a reported chalcopyrite, magnetite, pyrrhotite showing in an area of limestone and argillite.

Egypt – First staked in 1996 during the mini surge in exploration surrounding the Tuv project. A limited mapping and sampling program located several dyke like porphyritic intrusive bodies, but failed to locate mineralization or alteration possibly due to widespread overburden.

Of the ten showings listed above, there is insufficient geological information on Aurier, Crost, Ovoas and Egypt to classify them as anything more than anomalies or occurrences. Of the remaining 6 showings, Tuv, Bacon and Pine exhibit obvious characteristics of alkalic porphyry copper gold deposits, Bee and Liv appear to be copper skarn targets and Mustard may be an epithermal gold target. Given that copper skarns and epithermal gold targets are commonly found within the mineralized aureole of a porphyry system, these showings can be considered excellent indicators of the possibility for nearby porphyry style mineralization.

Current Work and Results – Work consisted of an initial one-day two-person helicopter reconnaissance through the area in an effort to gain a better understanding of the topography, availability of landing sites and amount of bedrock exposure along with some limited sampling and prospecting in areas with readily available landing spots. The results of this trip suggested that the original plan of traditional prospecting and soil-rock-silt sampling would be of limited use and effect due to widespread till and glaciofluvial cover, and that locating convenient helicopter landing spots would be difficult due to widespread vegetation. Based on these conclusions the sampling approach was changed to include a biogeochemical component (spruce bark sampling) in an effort to see through the abundant cover, and subsequently two one-day three-man trips were conducted.

Fieldwork resulted in the collection of a total of 98 spruce bark samples (taken at approximately 150-225 metre intervals on broadly spaced lines) averaging approximately 0.15kg in weight, 20 rock samples averaging 0.34kg in weight, two silt samples and one c-horizon soil sample. A total of 10 rock samples (Rep-01 to 10) and the soil sample were sent to Chemex in Vancouver where they were prepared using Prep Code 41 and analyzed using the Au-AA23 (30g gold fire assay with AA finish) and ME-ICP41 (36 elements via aqua regia digestion) packages. The remaining rock samples, the two silt samples and all bark samples were sent to Acme Labs in Vancouver where rocks were prepared using R200-250, silts by using SS80, and bark by VA475 which involves drying 60 grams of bark and then ashing the resulting material. All samples sent to ACME were analyzed using package 1DX1 (36 elements by aqua regia digestion). Upon consultation with the chief geochemist at ACME, and after a thorough study of publically available data pertaining to ashing of biogeochemical samples, it was decided to subject the key elements chosen (Cu, Mo, Au, Ag, Fe, As, Pb, Sb)

to the formula (ashed weight/pre-ashed weight x ashed value) in an effort to eliminate the variation resulting from concentration differences due to variations in the ratio of pre-ashed weight to ashed weight. This formula helps ensure that a sample which was concentrated 20x by ashing can be compared to a sample that was concentrated 40x by ashing.

As part of our in-house QA-QC procedures a total of 5 bark samples were included with the 98 field samples. Two of the 5 samples were taken from spruce trees overlying strong porphyry style Cu-Mo mineralization located along the Fish Lake road. The trees are rooted within an approximate 10 centimetre thick layer of till and broken bedrock directly overlying mineralized bedrock and were included to give an example of the values to be expected from trees directly overlying strong mineralization; visually estimated at 1.25% copper and 0.25% molybdenum. The other three samples were split from random field samples and were created in an effort to test the reproducibility and reliability of the labs processes. This benchmark and QA-QC data is detailed in the following table along with mathematical average and 50th percentile data for the 98 spruce bark samples.

Sample	Notes	Mo	Cu	Au	Ag	Fe	As	Pb	Sb
LBJ-20	split into LKS-23	0.012853	4.622859	0.051413	0.029991	0.002571	NA	0.132816	NA
LKS-23	dupl of LBJ-20	0.004177	4.290390	0.037598	0.033421	0.002089	0.066842	0.125328	NA
LSB-04	split into LBAR-10	0.031376	3.939930	0.026894	0.013447	0.015240	0.035858	0.313760	0.008965
LBAR-10	dupl of LSB-04	0.026825	3.308467	0.111773	0.008942	0.010283	0.076005	0.263783	0.008942
BLSS-10	split into LBJ-21	0.035590	3.386608	0.021902	0.002738	NA	0.041066	0.071182	NA
LBJ-21	dupl of BLSS-10	0.039137	3.690087	0.064297	0.002796	0.001677	NA	0.075479	NA
BLSS-23	from Fish Lk ppy	0.204025	8.914055	0.170639	0.044515	0.021515	0.152092	0.771587	0.014838
LBJ-22	from Fish Lk ppy	0.227581	9.946032	4.480515	0.060451	0.025247	0.110235	0.874767	0.014224
NA	math average n98	0.022459	3.701097	0.034761	0.012834	0.003297	0.032011	0.182709	0.002864
NA	50th percentile n98	0.018740	3.469074	0.023463	0.010231	0.002637	0.031287	0.147525	0.002841

* all elements in ppm except for gold in ppb and iron in percent *
* elements used are commonly enriched in porphyry, skarn and epithermal targets of the nature sought *
* values have been adjusted using the following formula: (ashed wt/pre-ashed wt) x ashed value *

A visual comparison of the values returned from the analyses of the original samples and their respective duplicates suggests fairly good reproducibility for all elements except for gold and arsenic, with the exact cause for the variability unknown but possibly related to uneven distribution for these elements within the bark (ie coarse distribution vs fine dissemination). The analyses of bark taken from trees directly overlying the Fish Lake Cu-Mo porphyry target shows distinctly anomalous results typically averaging 2.5 to 10 times of both the mathematical average, as well as the 50th percentile range, of the 98 field-project samples. The Fish Lake samples also show fairly good correlation for all elements except gold which exhibits highly variable results. Given the great range in gold values returned, common pathfinder elements such as copper and arsenic should be used to further evaluate the significance of gold highs. This data helps define values to be expected in the immediate vicinity of significant outcropping mineralization as well as a providing a good starting point for defining background values. See the sample table at the back of this report for a complete list of analytical results.

In an effort to help define anomalous sample sites a filter was applied to the noted elements of each sample within certain percentile brackets, with minor changes allowed for natural population breaks in the biogeochemical analytical data. This data is presented on the following table:

	75th percentile and greater		85th percentile and greater		91st percentile and greater		96th percentile and greater		
Element	Filter Value(n)	Analytical Value	Filter Value(n)	Analytical Value	Filter Value(n)	Analytical Value	Filter Value(n)	Analytical Value	Max Value
Cu ppm	1 (10)	4.329383	2 (5)	4.777806	3 (5)	5.411806	4 (4)	5.860731	6.707987
Mo ppm	0.5 (11)	0.030323	1 (5)	0.035699	1.5 (5)	0.037082	2 (4)	0.066627	0.081994
Au ppb	0.5 (9)	0.051413	1 (6)	0.069244	1.5 (5)	0.085883	2 (4)	0.123564	0.343743
Ag ppm	0.5 (10)	0.017095	1 (5)	0.021221	1.5 (5)	0.025571	2 (4)	0.029991	0.051846
Fe %	0.25 (9)	0.004503	0.5 (6)	0.005889	0.75 (5)	0.006706	1 (4)	0.013300	0.020594
As ppm	0.25 (10)	0.050779	0.5 (5)	0.056154	0.75 (5)	0.059509	1 (4)	0.069627	0.080861
Pb ppm	0.25 (11)	0.229987	0.5 (4)	0.275966	0.75 (5)	0.313760	1 (4)	0.492059	0.832093
Sb ppm	0.25 (11)	0.005004	0.5 (4)	0.006993	0.75 (6)	0.007864	1 (3)	0.010231	0.010617

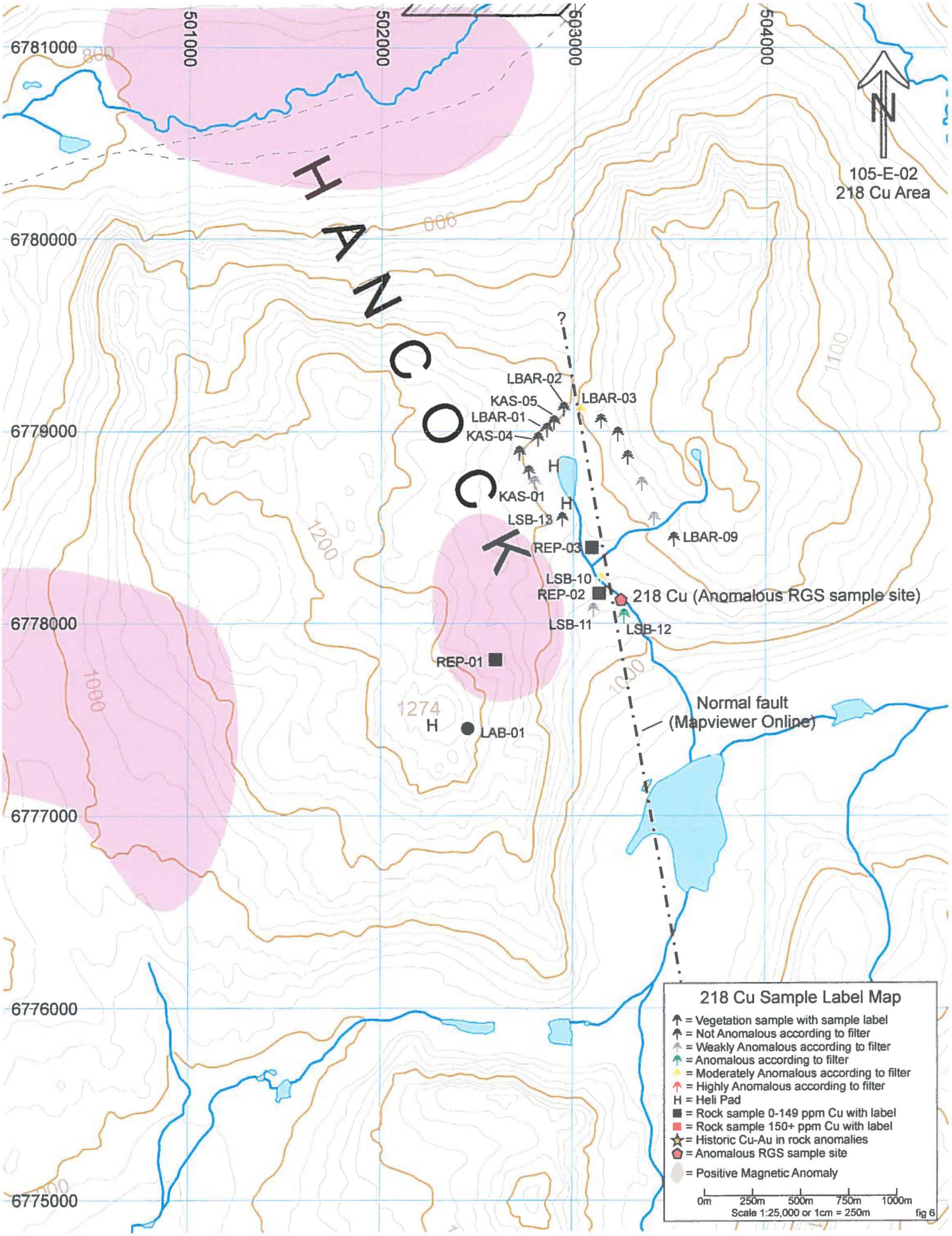
This filtering system resulted in a numeric value ranging from 0 to 8 for each of the 98 field samples. Samples with a combined filter value of 1 or less (46 in total) are signified by a black tree, values from 1.25 to 2.25 by a grey tree (21 total), values from 2.5 to 3.5 by a green tree (15 total), values from 3.75 to 4.75 by a yellow tree (10 total) and values of 5 to 8 by a red tree (6 total). Beside each tree with a numeric value of 1.25 or more are the elements, colorized according to their percentile rating, which were anomalous within that particular sample. For example a sample anomalous in the 96th percentile and greater range for Cu and Mo and the 75th percentile range for gold would show as a red tree due to it having a total filter value of 6.5 (Cu=4 pts, Mo=2 pts, Au=0.5 pts) and beside the tree would be Cu and Mo in red type and Au in grey type.

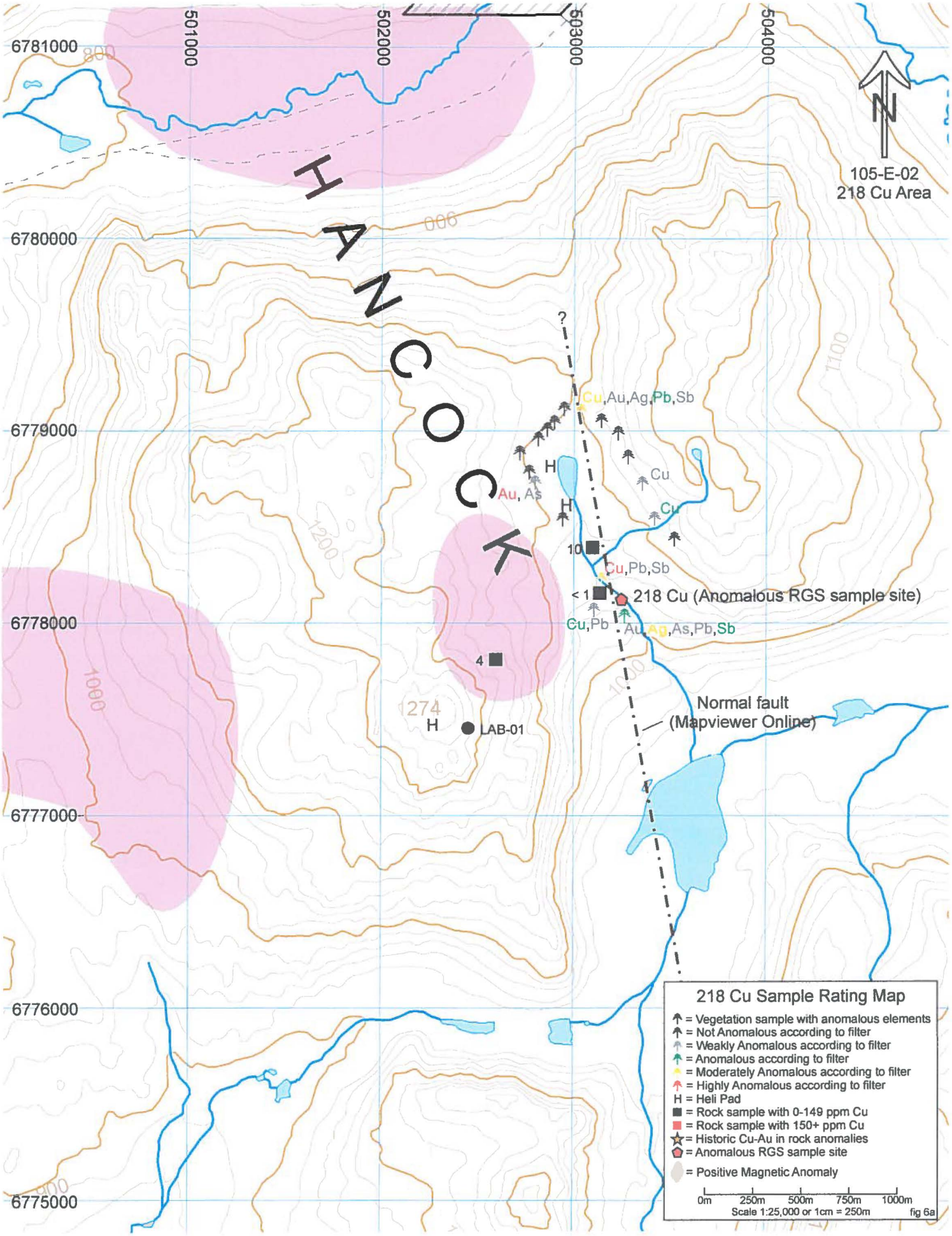
A total of 6 areas were explored during the course of this program, with the results of this work discussed on an area by area basis as follows:

218 Cu Area – An RGS silt sample, analyses of which returned 218 ppm Cu, is located just east of a small oval positive aero-magnetic anomaly in an area of Stikine terrane volcanic and lesser sedimentary rocks cut by a north-south trending fault. This area is located 7.5 kilometres northeast of the Pine Cu-Au skarn and porphyry target which is located within a similar geological setting.

An initial prospecting traverse was designed to cut through the core of the aero-mag anomaly as well as to prospect stream float in the vicinity of the RGS silt anomaly. This work located samples of quartz feldspar porphyry and/or highly leached granitic material occurring within till and possibly as rubble-crop, as well as finding that the dominant stream bed material is organic based mud and that the majority of the area is blanketed by till and vegetation. Based on the possibility that an intrusive may exist and the failure to locate a source for the copper anomalous RGS silt sample, a second exploration trip was conducted. This resulted in the collection of 18 bark samples at and upstream of the anomalous RGS site. Analyses of these samples returned several weakly to highly anomalous copper values, and a few associated pathfinder elements, in the vicinity of the RGS sample site. A nearby sample which returned weakly to moderately anomalous values for Au-Ag-As-Pb-Sb is also of interest due to its multi-element signature. Of particular interest is that the presumed location of the fault, based on topographical and aeromagnetic data, coincides with the location of the various anomalous tree samples. Based on the elemental signature of the anomalous samples, and the geological as well as structural setting, potential for a precious metal enriched porphyry or epithermal target is thought to exist.

Further work is recommended for the area of the anomalous bark samples in the immediate vicinity of the anomalous RGS silt sample site as well as the Cu-Au-Ag-Pb-Sb anomaly located approximately 1.0 kilometre to the north. This work should consist of bark sampling, on a grid with samples taken at 100 metre intervals on lines spaced 100 metre line apart, and sizeable enough to encompass the anomalous samples of the respective areas, as well as prospecting together with the excavation of small pits in the immediate vicinity of the anomalous trees in an effort to see if rock fragments with obvious alteration or mineralization can be located. Reconnaissance biogeochemical sampling and traditional prospecting should be conducted in an effort to crosscut the presumed strike of the fault both north and south of the 2013 work area.


501000
502000
503000
504000
6781000
6780000
6779000
6778000
6777000
6776000
6775000
N
105-E-02
218 Cu Area
HANCOCK
LBAR-02
LBAR-03
KAS-05
LBAR-01
KAS-04
KAS-01
LSB-13
LBAR-09
REP-03
LSB-10
REP-02
218 Cu (Anomalous RGS sample site)
LSB-11
LSB-12
REP-01
1274
LAB-01
Normal fault
(Mapviewer Online)
800
900
1000
1100
1200
218 Cu Sample Label Map
= Vegetation sample with sample label
= Not Anomalous according to filter
= Weakly Anomalous according to filter
= Anomalous according to filter
= Moderately Anomalous according to filter
= Highly Anomalous according to filter
H = Heli Pad
= Rock sample 0-149 ppm Cu with label
= Rock sample 150+ ppm Cu with label
= Historic Cu-Au in rock anomalies
= Anomalous RGS sample site
= Positive Magnetic Anomaly
0m 250m 500m 750m 1000m
Scale 1:25,000 or 1cm = 250m
fig 6


501000
502000
503000
504000
6781000
6780000
6779000
6778000
6777000
6776000
6775000
HANCOCK
N
105-E-02
218 Cu Area
Cu,Au,Ag,Pb,Sb
Au, As
Cu
Cu,Pb,Sb
218 Cu (Anomalous RGS sample site)
Cu,Pb
Au,Ag,As,Pb,Sb
Normal fault
(Mapviewer Online)
LAB-01
1274
800
900
1000
1100
1200
218 Cu Sample Rating Map
= Vegetation sample with anomalous elements
= Not Anomalous according to filter
= Weakly Anomalous according to filter
= Anomalous according to filter
= Moderately Anomalous according to filter
= Highly Anomalous according to filter
H = Heli Pad
= Rock sample with 0-149 ppm Cu
= Rock sample with 150+ ppm Cu
= Historic Cu-Au in rock anomalies
= Anomalous RGS sample site
= Positive Magnetic Anomaly
0m 250m 500m 750m 1000m
Scale 1:25,000 or 1cm = 250m
fig 6a

Liv Area – A historical showing with rock sample values of up to 8167 ppm Cu and 327 ppb gold is located within the core of a circular positive aeromagnetic anomaly reportedly underlain by Quesnel group volcanic and sedimentary units cut by the northwest striking Boswell Fault. An RGS silt sample with highly anomalous copper also exists approximately 1.5 kilometres to the northeast of the reported showings.

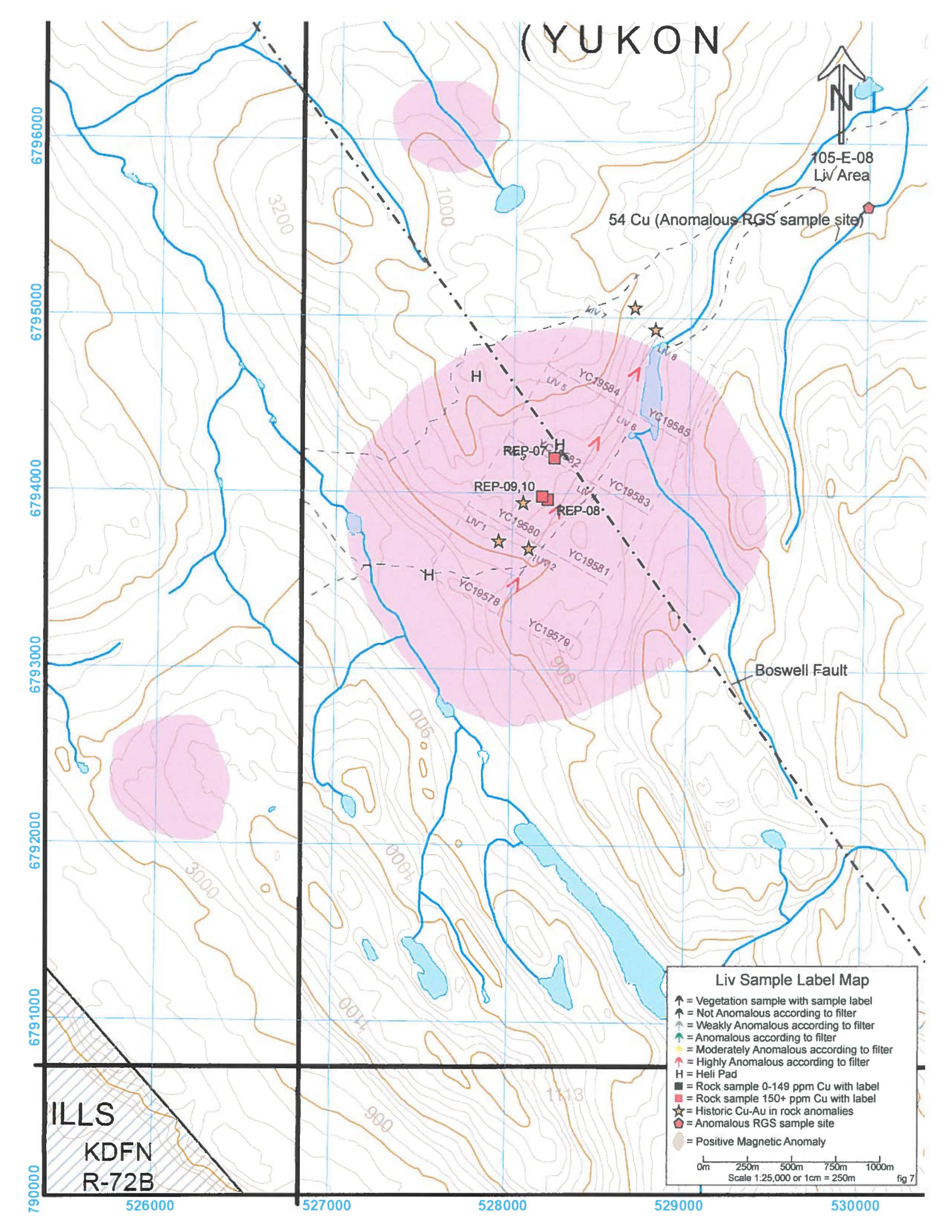
A prospecting traverse was designed to locate and assess the reported showings. This work encountered several scattered outcrops of hornfelsed sedimentary rock and hornblendite (possibly as dykes) within a low lying predominantly overburden and vegetation covered area. Samples of pyritic hornfels with traces of disseminated chalcopyrite returned up to 708 pm copper with weakly anomalous molybdenum, while samples of hornblendite with disseminated chalcopyrite and cut by a narrow calcite vein, returned up to 5050 ppm copper along with weakly anomalous zinc and silver. The possibility exists that the hornblendite may represent a mafic constituent of a polyphase intrusive body. An approximately 0.1 square kilometre area located just to the west of the 2013 sample sites is relatively devoid of coniferous trees and may represent either an old landslide or a vegetative kill zone; further work is needed to assess this feature.

Further work is recommended and should consist of reconnaissance scale bark sampling throughout the aeromagnetic anomaly hosting the 2013 samples. Detailed bark sampling and prospecting should be undertaken in the area of the anomalous 2013 rock samples as well as the historical showings located approximately 1.1 km to the northeast.

Mustard Area – Two RGS silt sample sites highly anomalous in copper are located several kilometres south of a small showing of reportedly limited extent consisting of visible gold in quartz stringers hosted by a rhyolite dyke cutting Stikine Terrane andesitic volcanics. Several positive aeromagnetic anomalies are present and were thought to possibly represent magnetic granitic intrusive bodies.

A prospecting traverse was designed to try and locate a possible source for the anomalous RGS silt samples. This work was hampered by the presence of widespread vegetative cover which made locating suitable landing sites difficult and resulted in changing the traverse to instead assess a positive magnetic anomaly located between two suitable landing sites. This work resulted in the discovery of un-mineralized weakly limonitic quartz biotite granite intrusive rubble-crop or possibly fractured till at the helicopter drop off site. Outcrops immediately surrounding the landing site consist of andesitic volcanics showing few signs of mineralization or alteration. Several hundred metres to the east of the landing site prospecting located limited amounts of brecciated andesite rubble with approximately 5% to 7% very fine grained black metallic sulphide and quartz infilling fractures, as well as a nearby outcrop of weakly pyritic rhyolite a sample of which returned 104 ppm arsenic. Further prospecting located several other areas of similarly mineralized rhyolite and another area containing abundant rounded granitic boulders within till. Numerous narrow steep walled gullies, likely representing faults, crosscut the terrain at various bearings and suggest that the area is of significantly greater structural complexity than regional mapping efforts suggest. Based on the possible presence of a granitic intrusive and a structurally complex volcanic regime with demonstrated potential for auriferous mineralization, potential for a precious metal enriched porphyry or epithermal target is thought to exist.

Further work is recommended and should consist of reconnaissance scale bark sampling and prospecting of a several square kilometre area surrounding the helicopter landing site, underlain by granitic intrusive material, and encompassing the rhyolite dykes discovered during the course of the 2013 program. Some biogeochemical sampling and prospecting should also be conducted in the presumed vicinity of the Mustard Showing in an effort to see if it is part of a more robust system obscured by widespread till and vegetative cover common to this area.


(YUKON
N
105-E-08
Liv Area
54 Cu (Anomalous RGS sample site)
Liv 7
Liv 8
Liv 5
YC19584
Liv 6
YC19585
H
REP-07
YC19582
REP-09,10
REP-08
YC19583
Liv
YC19580
Liv1
Liv2
YC19581
H
YC19578
YC19579
Boswell Fault
1000
3200
900
800
1000
3000
1100
1113
900
ILLS
KDFN
R-72B
6796000
6795000
6794000
6793000
6792000
6791000
790000
526000
527000
528000
529000
530000
Liv Sample Label Map
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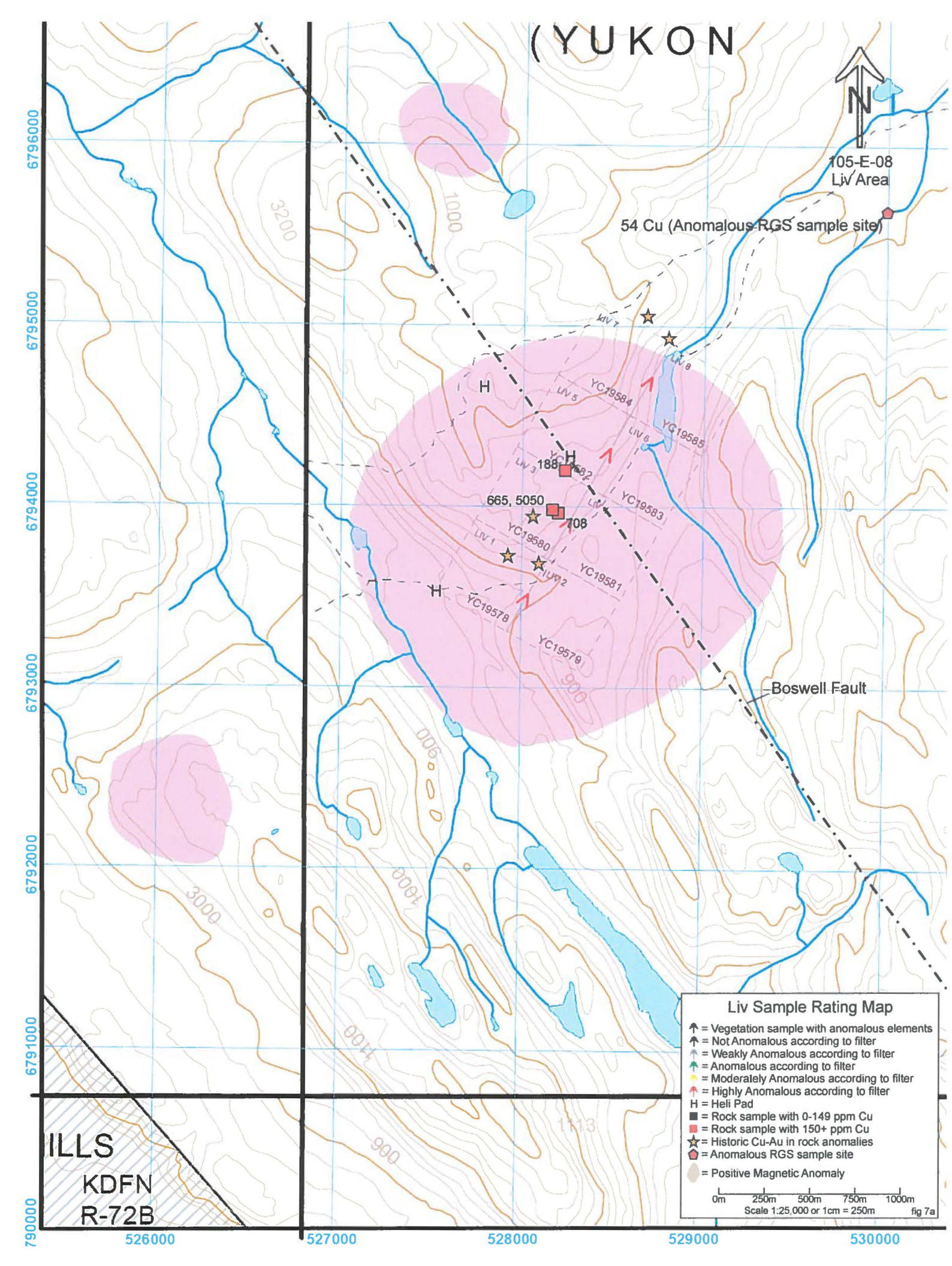
= Not Anomalous according to filter
= Weakly Anomalous according to filter
= Anomalous according to filter
= Moderately Anomalous according to filter
= Highly Anomalous according to filter
H = Heli Pad
= Rock sample 0-149 ppm Cu with label
= Rock sample 150+ ppm Cu with label
= Historic Cu-Au in rock anomalies
= Anomalous RGS sample site
= Positive Magnetic Anomaly
0m 250m 500m 750m 1000m
Scale 1:25,000 or 1cm = 250m
fig 7


(YUKON
N
105-E-08
Liv Area
54 Cu (Anomalous RGS sample site)
Boswell Fault
665, 5050
188
108
YC19584
YC19585
YC19583
YC19580
YC19581
YC19578
YC19579
Liv 1
Liv 2
Liv 3
Liv 5
Liv 6
Liv 7
Liv 8
H
3200
1000
900
1400
3000
1113
ILLS
KDFN
R-72B
Liv Sample Rating Map
= Vegetation sample with anomalous elements
= Not Anomalous according to filter
= Weakly Anomalous according to filter
= Anomalous according to filter
= Moderately Anomalous according to filter
= Highly Anomalous according to filter
H = Heli Pad
= Rock sample with 0-149 ppm Cu
= Rock sample with 150+ ppm Cu
= Historic Cu-Au in rock anomalies
= Anomalous RGS sample site
= Positive Magnetic Anomaly
0m 250m 500m 750m 1000m
Scale 1:25,000 or 1cm = 250m
fig 7a
6796000
6795000
6794000
6793000
6792000
6791000
790000
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527000
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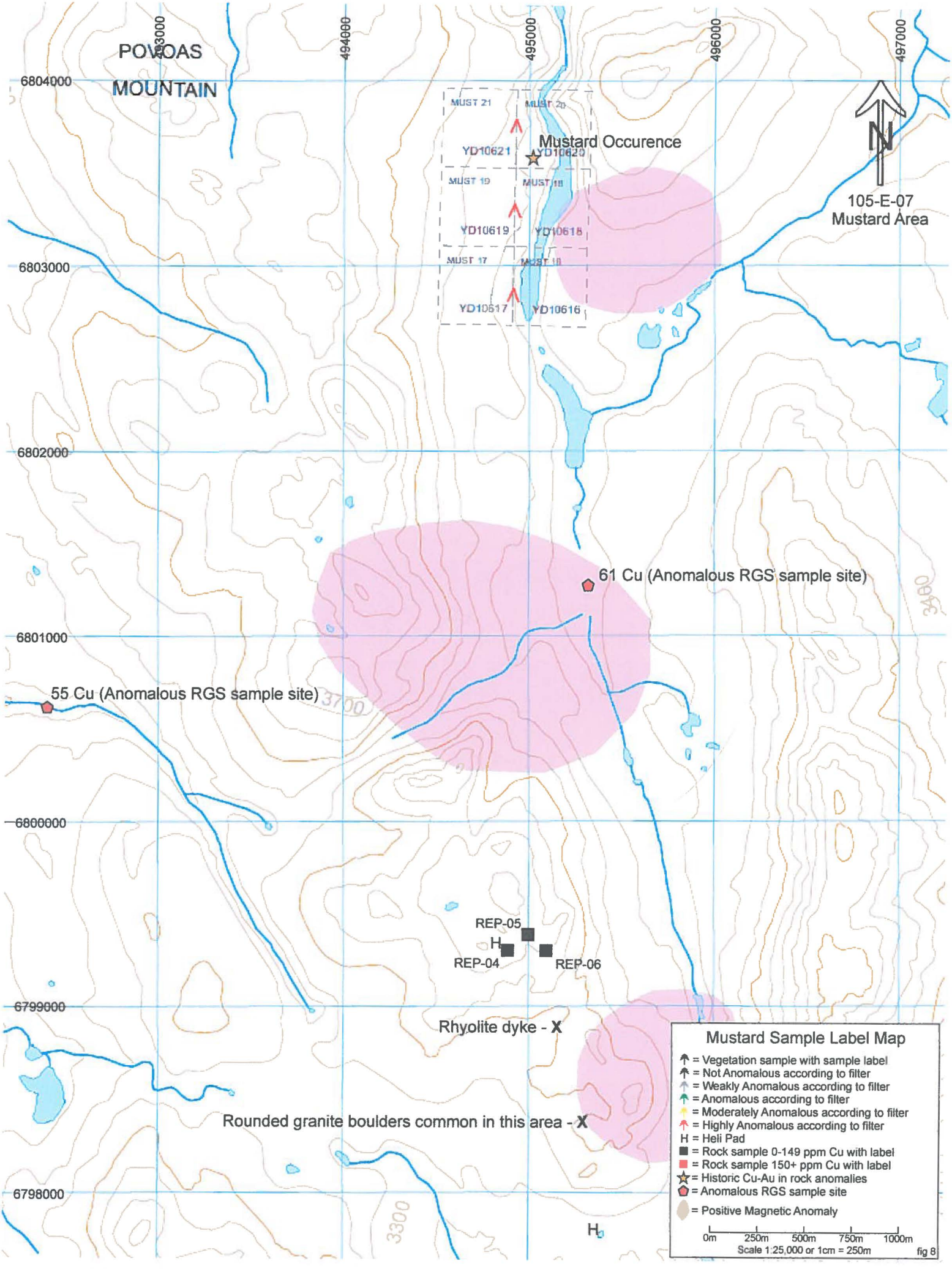
POWDAS
MOUNTAIN
493000
494000
495000
496000
497000
6804000
6803000
6802000
6801000
6800000
6799000
6798000
MUST 21
MUST 20
MUST 19
MUST 18
MUST 17
MUST 16
YD10621
YD10620
YD10619
YD10618
YD10617
YD10616
Mustard Occurence
105-E-07
Mustard Area
61 Cu (Anomalous RGS sample site)
55 Cu (Anomalous RGS sample site)
REP-05
REP-04
REP-06
Rhyolite dyke - X
Rounded granite boulders common in this area - X
3700
3460
3300
Mustard Sample Label Map
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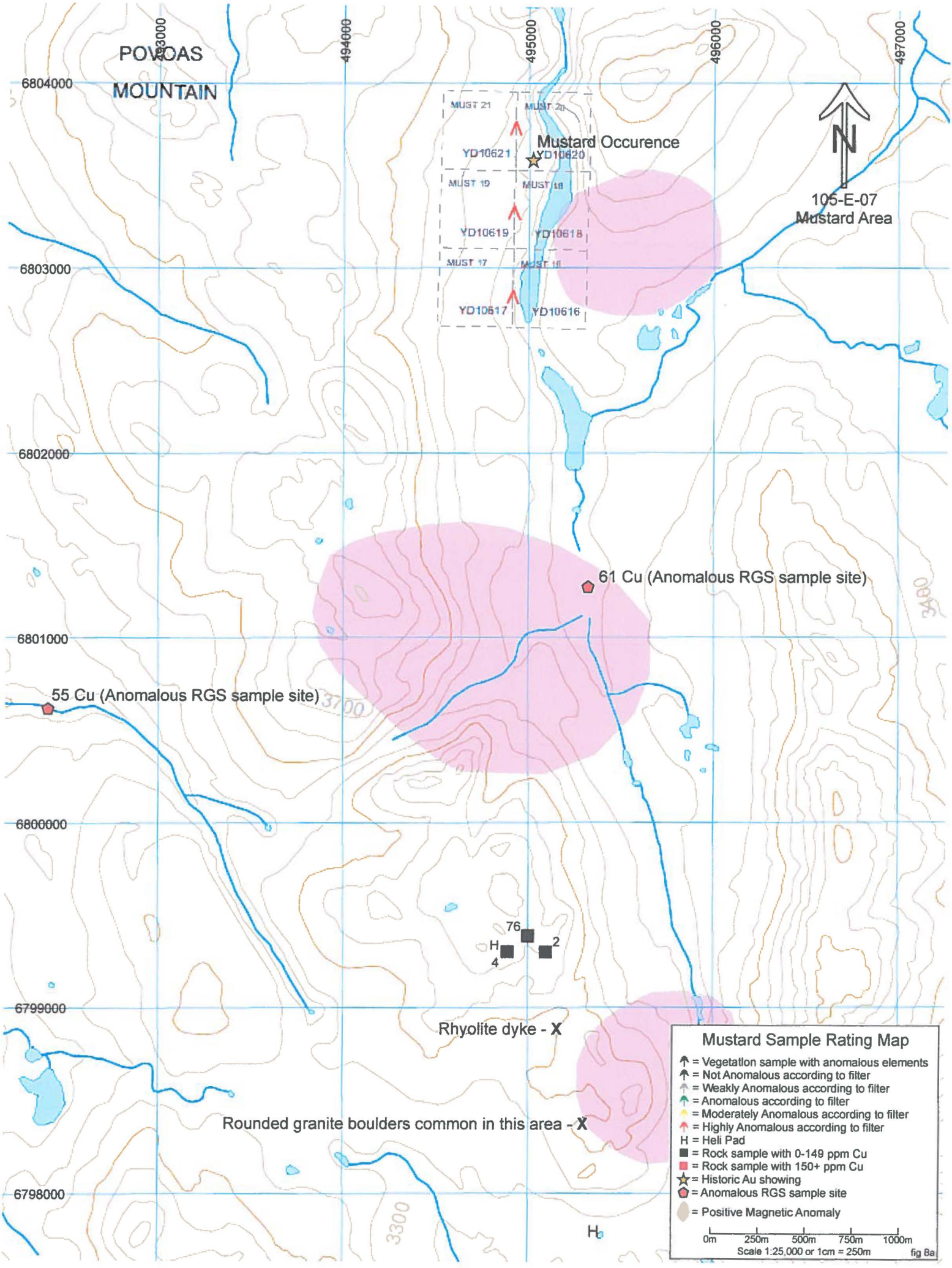
= Not Anomalous according to filter
= Weakly Anomalous according to filter
= Anomalous according to filter
= Moderately Anomalous according to filter
= Highly Anomalous according to filter
H = Heli Pad
= Rock sample 0-149 ppm Cu with label
= Rock sample 150+ ppm Cu with label
= Historic Cu-Au in rock anomalies
= Anomalous RGS sample site
= Positive Magnetic Anomaly
0m 250m 500m 750m 1000m
Scale 1:25,000 or 1cm = 250m
fig 8


POVOAS
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MUST 20
MUST 19
MUST 18
MUST 17
MUST 16
YD10621
YD10620
YD10619
YD10618
YD10617
YD10616
Mustard Occurence
N
105-E-07
Mustard Area
61 Cu (Anomalous RGS sample site)
55 Cu (Anomalous RGS sample site)
3700
3400
3300
76
H
4
2
Rhyolite dyke - X
Rounded granite boulders common in this area - X
H
Mustard Sample Rating Map
= Vegetation sample with anomalous elements
= Not Anomalous according to filter
= Weakly Anomalous according to filter
= Anomalous according to filter
= Moderately Anomalous according to filter
= Highly Anomalous according to filter
H = Heli Pad
= Rock sample with 0-149 ppm Cu
= Rock sample with 150+ ppm Cu
= Historic Au showing
= Anomalous RGS sample site
= Positive Magnetic Anomaly
0m 250m 500m 750m 1000m
Scale 1:25,000 or 1cm = 250m
fig 8a

Java/Bacon Area – The Java/Bacon showing consists of granite, trachyte and sphalerite rich skarn, samples of which returned values of up to 1.8% Cu, 7.1% Zn and 1639 ppb Au. Regional mapping and geophysical surveying shows numerous granitic dykes and plutons as well as many circular to oval positive aeromagnetic anomalies in the area surrounding the showing. The presence of copper and gold values within skarn and intrusive rocks, coupled with the areas geological characteristics and proximity to the Mars porphyry Cu-Mo-Au target (approximately 12.0 kilometres to the south), suggests potential for porphyry style Cu-Mo-Au mineralization.

A series of prospecting and biogeochemical sampling traverses were designed to assess several of the granitic bodies and positive aeromagnetic anomalies surrounding the Java/Bacon showing. This work resulted in the location of several areas of granitic rubble crop or proximally derived till generally coinciding with the mapped location of intrusive bodies as well as the collection of 6 rock samples and 64 bark samples. Although no mineralization and only traces of limonite were noted by prospecting and rock sampling, this is likely a function of a lack of outcrop due to widespread till and vegetative cover. Analyses of the bark samples resulted in the definition of numerous highly anomalous sample sites concentrated in 2 main areas.

Area 1 is located approximately 2.5 kilometres south of the Java/Bacon showing and consists of a cluster of 5 samples weakly to highly anomalous according to the filter system used. The dominant elemental signature of this anomaly is Mo-Au-Cu-Fe, which when coupled with its proximity to several areas of fine grained granite occurring as rubble-crop or locally derived till suggests good potential for porphyry style Cu-Mo-Au mineralization. Area 2 is located approximately 3.8 kilometres west of the Java/Bacon showing and consists of a cluster of 7 samples weakly to highly anomalous according to the filter system used. The dominant elemental signature of this anomaly is Cu-Au-Ag, and given that it is centred on an occurrence of granitic rubble-crop or locally derived till, good potential for porphyry style Cu-Au-Ag mineralization is inferred.

Further work is recommended and should consist of reconnaissance scale bark sampling and prospecting of all untested intrusive bodies and aeromagnetic anomalies within the immediate vicinity of the 2013 work with slightly more detailed sampling and prospecting between Areas 1 and 2. A biogeochemical sampling grid with samples taken at 100 metre intervals and 100 metre spaced lines, and sizeable enough to encompass the anomalous samples of the Areas 1 and 2, should be constructed over these two areas.

Thirtymile Area – A series of three RGS silt samples, with values of up to 57 ppm Cu along with moderately anomalous fluorine, iron and antimony are located within a northwest trending aeromagnetic low in a fault bounded area of Stikine Terrane (Laberge Group) shale, sandstone and conglomerate within several kilometres of a mid-Jurassic intrusive body. The presence of the RGS silt anomalies combined with a nearby intrusive was thought to suggest good potential for porphyry style Cu-Mo-Au mineralization.

A prospecting traverse was designed to try and locate a possible source for the anomalous RGS silt samples. This work was hampered by the presence of widespread vegetative cover which made locating suitable landing sites difficult and resulted in changing the traverse to instead assess an area of weakly gossanous bedrock exposed in a stream bank approximately 1.25 kilometres upstream of one of the RGS silt sample anomalies. This work resulted in the collection of 2 rock samples, 2 silt samples and 12 bark samples. Prospecting and rock sampling along the weakly gossanous series of outcrops found it to consist of conglomerate and lesser sandstone cut by numerous quartz-calcite veins. Although the two samples taken of the veined sediments failed to return anomalous metal values, these samples were sourced from an area defined as not anomalous according to biogeochemical sampling results. Biogeochemical sampling was conducted using trees growing in till along both sides of the creek. Results show a cluster of 4 samples weakly to highly anomalous according to the filter system used. The dominant elemental signature of this anomaly is Fe-Sb-Mo-Au-As-Pb, which when combined with the geological and structural setting suggests

potential for a precious metal enriched epithermal target. Two stream sediment samples were taken, with analytical results of these showing that the branch of the creek along which the biogeochemical anomaly occurs is significantly more anomalous in Fe-Sb-Mo-As-Pb than the other branch.

Although the possibility exists that the biogeochemical anomaly is a result of shallow till depths and that the stream sediment anomaly is a result of significantly more bedrock material (less dilution) in the anomalous fork than the other fork, further work is recommended for the area of the biogeochemical anomaly. This work should consist of several lines of bark sampling at 100 metre intervals on lines spaced 100 metres apart, providing infill coverage as well as several stepout lines parallel to, and northeast of, the anomalous sample line. Prospecting of bedrock exposures within the gully closest to the core of the biogeochemical anomaly should also be undertaken in an effort to see if subtle changes in alteration or mineralization were missed on the original traverse through the area.

Mars Area – An RGS sample with 65 pm copper, which is highly anomalous on a regional scale, is located in a stream roughly paralleling the contact between the Jurassic aged intrusive which hosts the Mars silica-saturated alkalic porphyry Cu-Mo-Au target (located approximately 5.4 kilometres to the northwest) and adjacent sedimentary rocks. This setting was thought to represent excellent potential for the discovery of a porphyry style target.

Prospecting and biogeochemical sampling was conducted on the ridge top at the headwaters of the creek anomalous in copper, resulting in the collection of 2 rock samples and 4 biogeochemical samples. Prospecting encountered heavily hornfelsed sediments or fine volcanics, often cut by numerous pyrite lined fractures. Analysis of the two rock samples taken failed to return any metal values of interest. Results from the biogeochemical sampling show that all 4 samples are anomalous to highly anomalous according to the filter used, with the dominant elemental signature of this anomaly being Pb-Fe-Sb. Although the biogeochemical results are of interest, it is felt that the high metal values returned are a result of the trees rooting directly in locally derived fractured bedrock with no dilution from till and that the pyrite lined fractures are likely occasionally weakly mineralized and, when weathered, would shed a greater proportion of material into the soil than the surrounding more resistant rock.

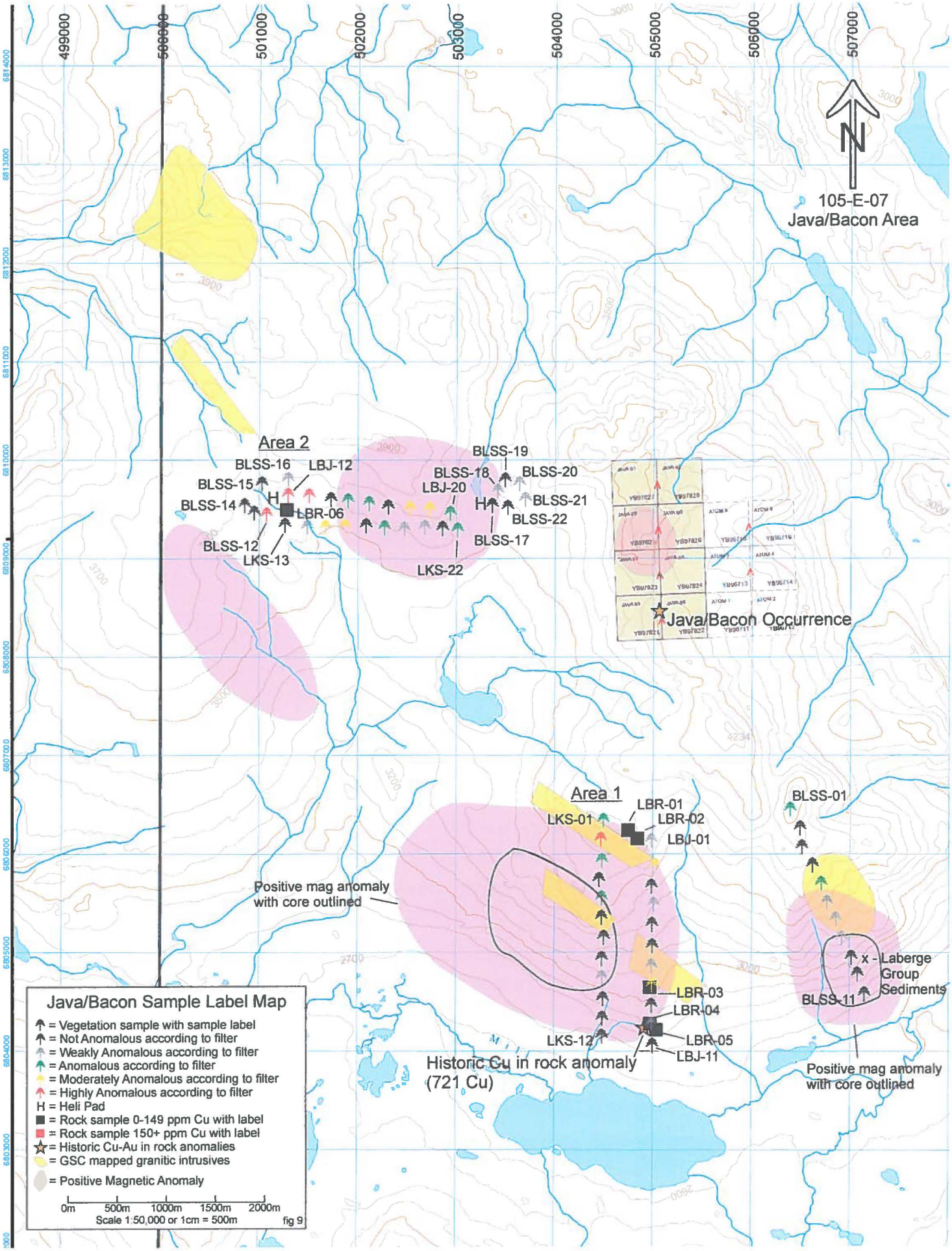
Although work consisting of locating and prospecting the intrusive body responsible for the hornfelsing is recommended, the proximity of claims in good standing (700 metres) in the most obvious direction for locating plutonic rocks (northwest) suggests limited potential in the vicinity of the 2013 work area. If further work is to be undertaken around the Mars Pluton, it should be concentrated along the eastern and northern contacts where claim coverage appears to be incomplete.

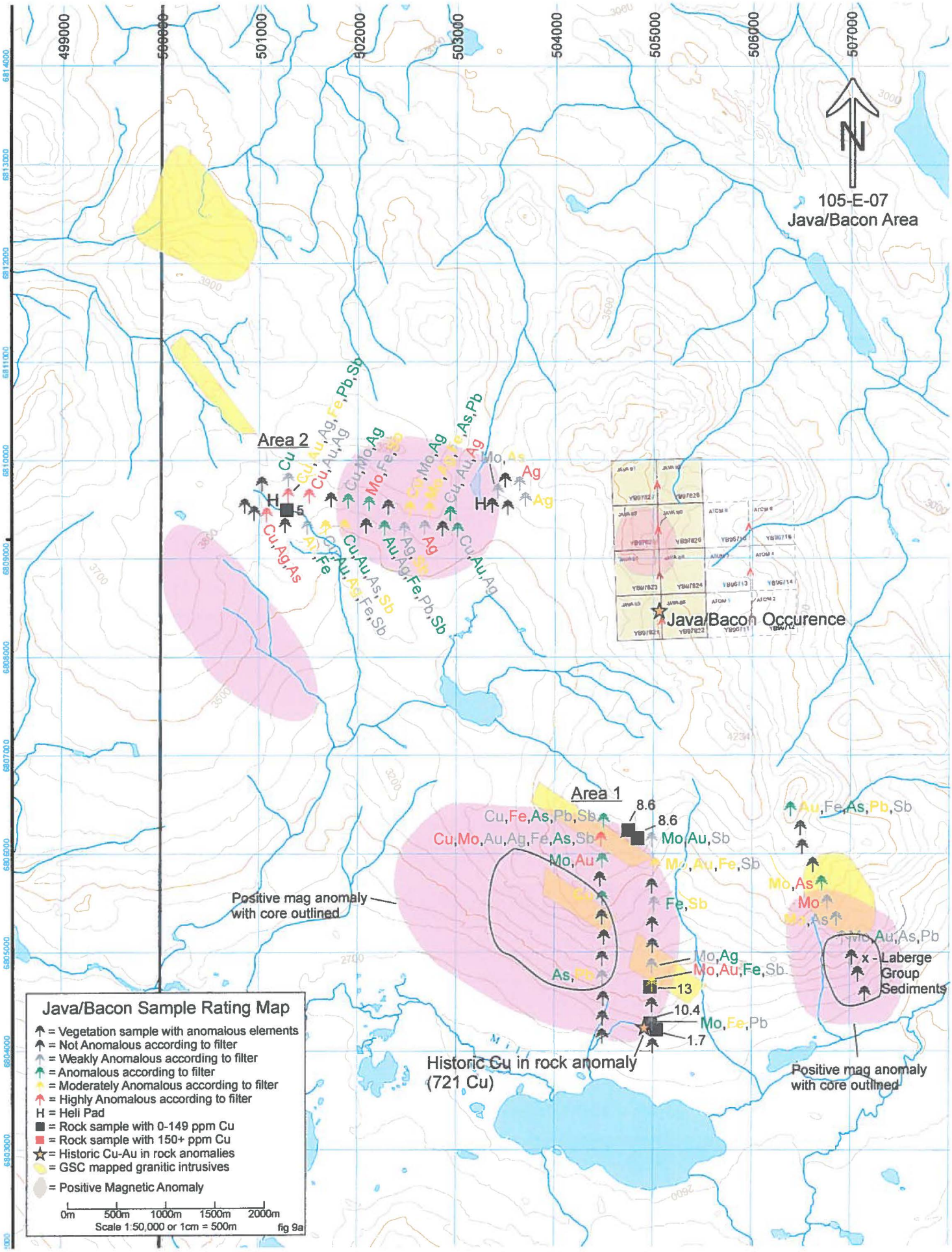
Conclusions – Biogeochemical (bark) sampling has proven to be an effective exploration method for the area of the APCAR Project, with its use resulting in the discovery of several anomalous areas warranting further exploration work. Although the metal values encountered within the anomalous field samples are lower than the values returned from the baseline samples derived from trees directly overlying strong mineralization, this is likely a result of the dilutive effects of till/glaciation on the field samples coupled with the high values that were to be expected based on the strength of the mineralization underlying the baseline samples. Significant exploration potential is thought to exist at the Java/Bacon, Thirtymile and Liv areas, further work is required to further define emerging moderate targets at the 218 Cu and Mustard areas, while no further work is recommended in the vicinity of the Mars Area.

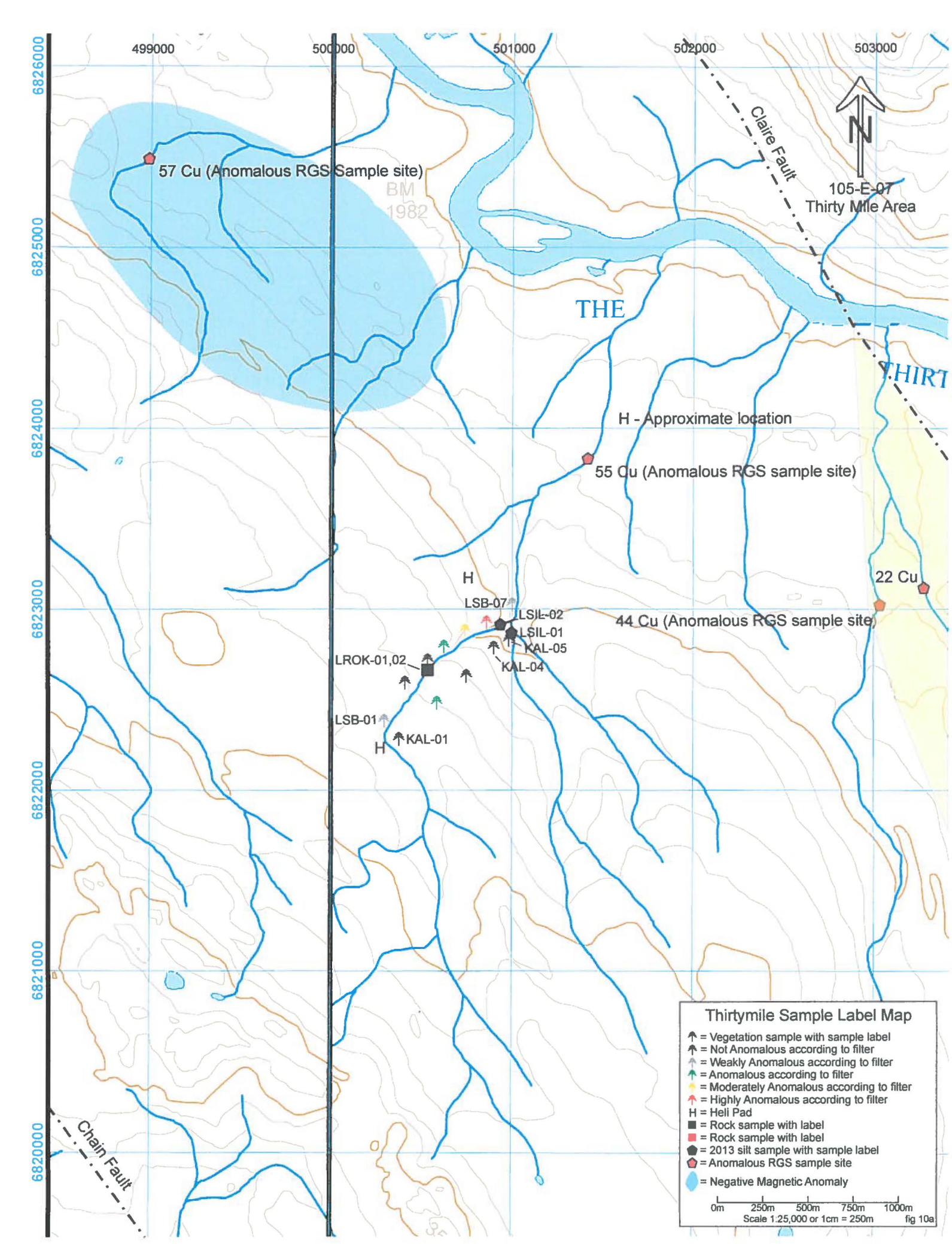
Recommendations – Further work is recommended for the Java/Bacon, Thirtymile, Liv, 218 Cu and Mustard areas, please see the Current Work And Results section for detailed recommendations on each of these areas. Further regional scale exploration should be conducted throughout the entire APCAR area on

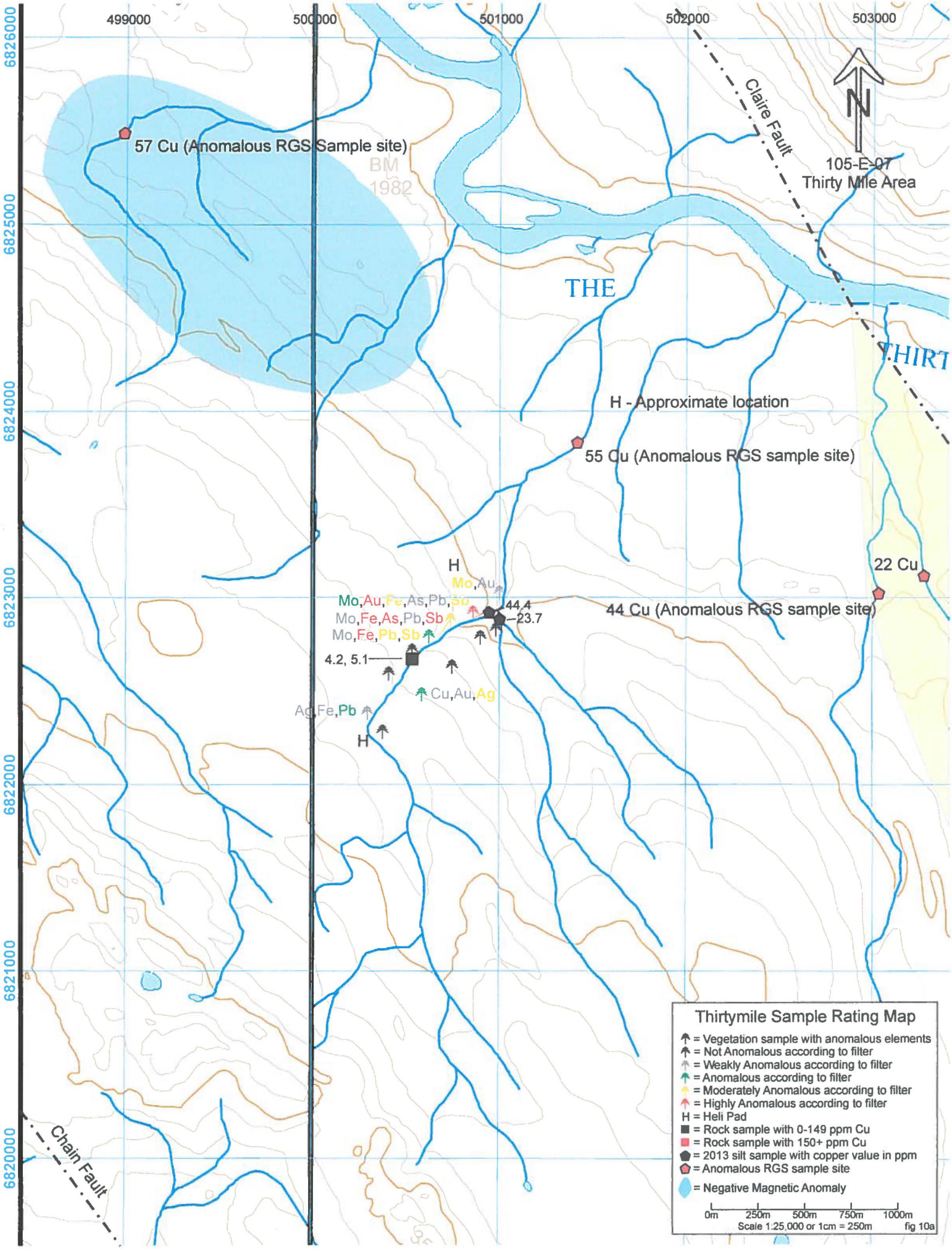
targets geologically, geochemically or geophysically similar to those which had favourable 2013 results. Given the geomorphological characteristics of this area, further work programs should lean heavily on biogeochemical sampling methods.

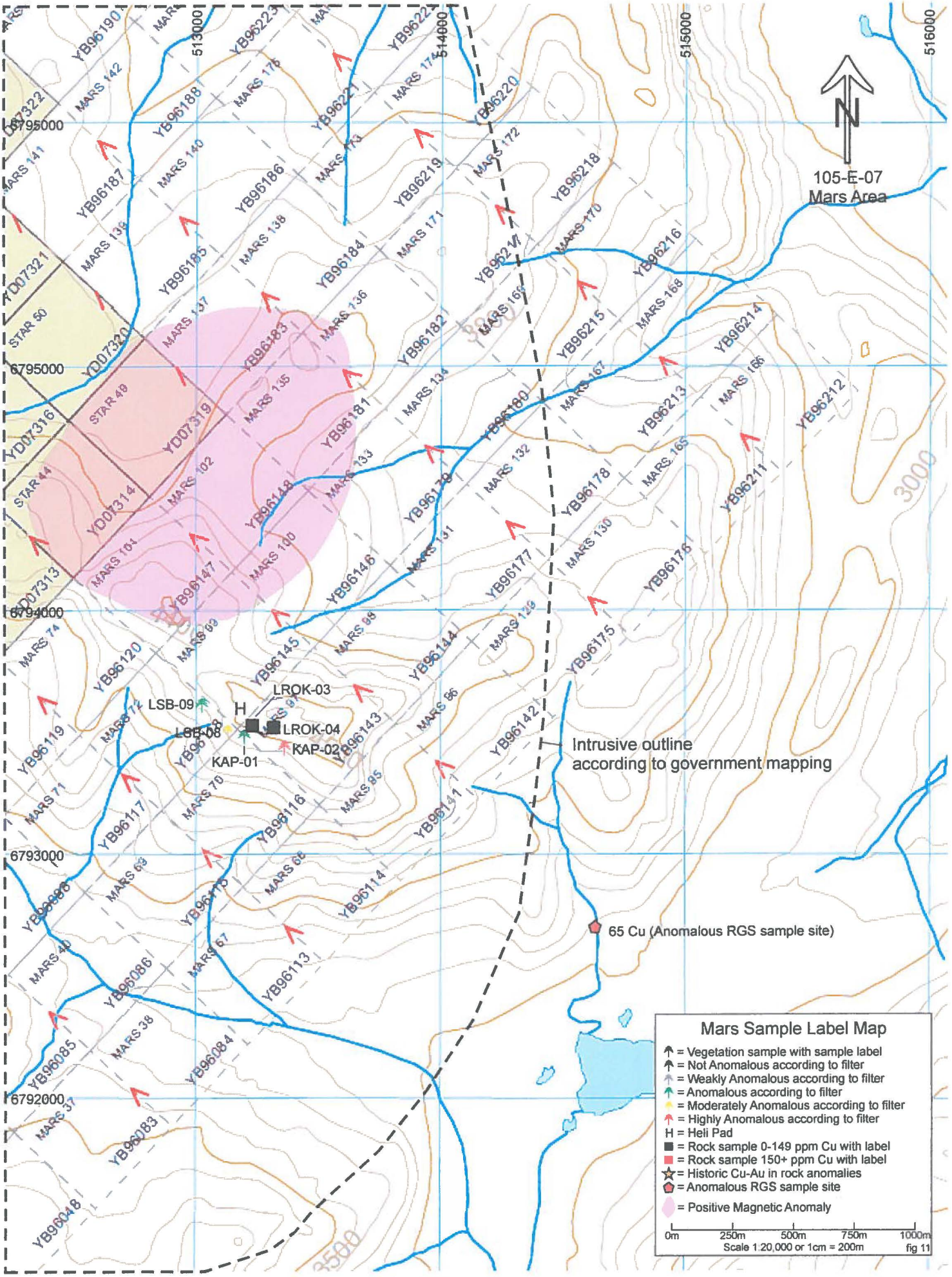
Reclamation – Limited surface disturbance was created by this program. Garbage and waste created during the course of the program was removed from the area and deposited in the Whitehorse landfill.

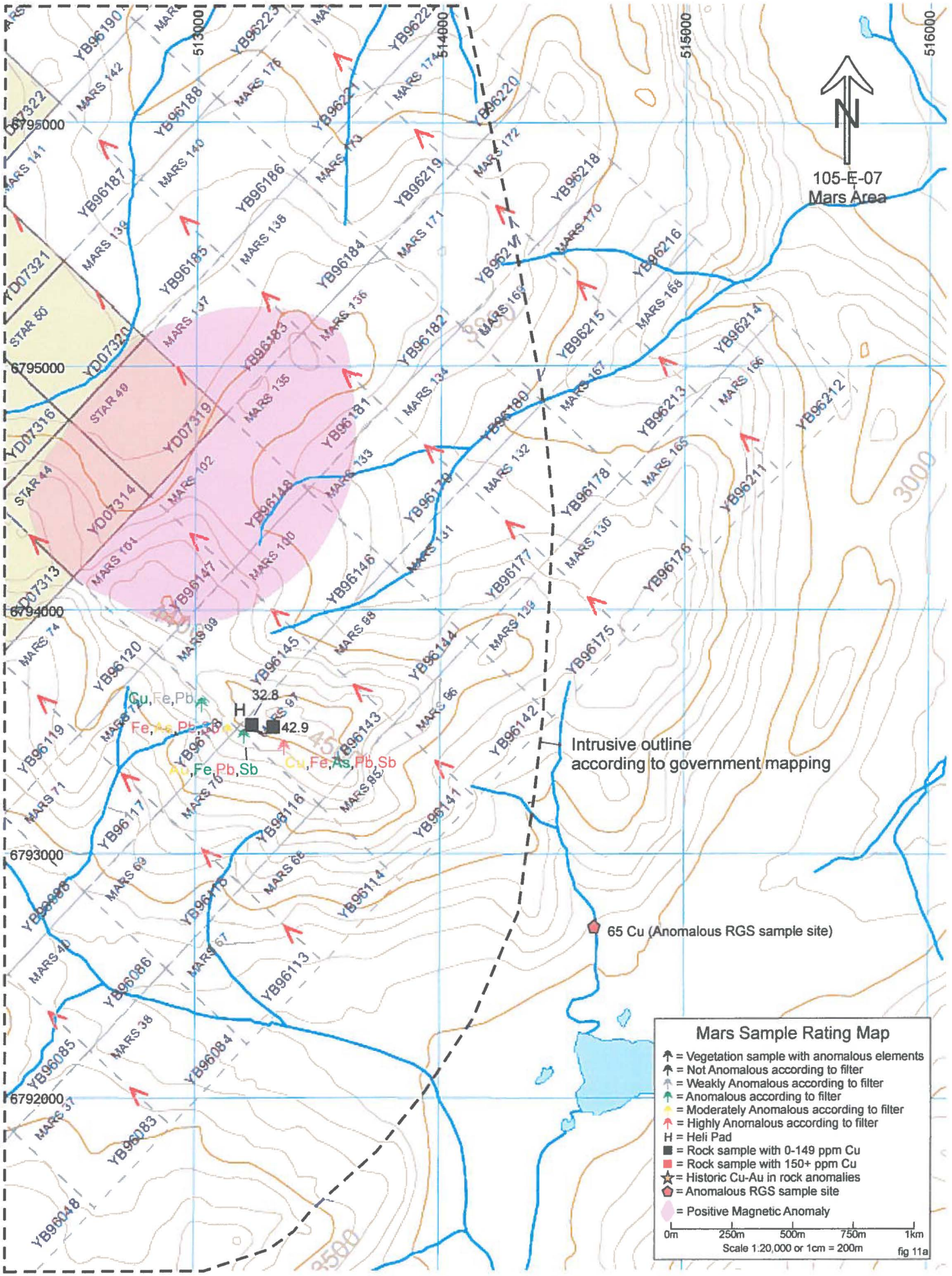

105-E-07
Java/Bacon Area
Area 2
BLSS-16
LBJ-12
BLSS-15
BLSS-14
LBR-06
BLSS-12
LKS-13
BLSS-19
BLSS-18
BLSS-20
LBJ-20
BLSS-21
BLSS-22
BLSS-17
LKS-22
Java/Bacon Occurrence
Area 1
LBR-01
LKS-01
LBR-02
LBJ-01
Positive mag anomaly
with core outlined
LBR-03
LBR-04
LKS-12
LBR-05
LBJ-11
Historic Cu in rock anomaly
(721 Cu)
BLSS-01
x - Laberge
Group
Sediments
BLSS-11
Positive mag anomaly
with core outlined
Java/Bacon Sample Label Map
= Vegetation sample with sample label
= Not Anomalous according to filter
= Weakly Anomalous according to filter
= Anomalous according to filter
= Moderately Anomalous according to filter
= Highly Anomalous according to filter
H = Heli Pad
= Rock sample 0-149 ppm Cu with label
= Rock sample 150+ ppm Cu with label
= Historic Cu-Au in rock anomalies
= GSC mapped granitic intrusives
= Positive Magnetic Anomaly
0m 500m 1000m 1500m 2000m
Scale 1:50,000 or 1cm = 500m
fig 9


499000
500000
501000
502000
503000
504000
505000
506000
507000
N
105-E-07
Java/Bacon Area
Area 2
Cu
Cu,Au,Ag,Fe,Pb,Sb
Cu,Au,Ag
Cu,Mo,Ag
Mo,Fe,Sb
Cu,Mo,Ag
Cu,Au,Ag
Mo,As
Ag
Ag
H
5
H
Cu,Ag,As
Au,Fe
Cu,Au,Ag,Fe,Sb
Cu,Au,As,Sb
Au,Ag,Fe,Pb,Sb
Ag
Ag
Cu,Au,Ag
Java/Bacon Occurence
Area 1
8.6
8.6
Cu,Fe,As,Pb,Sb
Cu,Mo,Au,Ag,Fe,As,Sb
Mo,Au
Mo,Au,Sb
Mo,Au,Fe,Sb
Fe,Sb
Positive mag anomaly
with core outlined
Mo,Ag
Mo,Au,Fe,Sb
As,Pb
13
10.4
Mo,Fe,Pb
1.7
Historic Cu in rock anomaly
(721 Cu)
Au,Fe,As,Pb,Sb
Mo,As
Mo
Mo,As
Mo,Au,As,Pb
x - Laberge
Group
Sediments
Positive mag anomaly
with core outlined
Java/Bacon Sample Rating Map
= Vegetation sample with anomalous elements
= Not Anomalous according to filter
= Weakly Anomalous according to filter
= Anomalous according to filter
= Moderately Anomalous according to filter
= Highly Anomalous according to filter
H = Heli Pad
= Rock sample with 0-149 ppm Cu
= Rock sample with 150+ ppm Cu
= Historic Cu-Au in rock anomalies
= GSC mapped granitic intrusives
= Positive Magnetic Anomaly
0m 500m 1000m 1500m 2000m
Scale 1:50,000 or 1cm = 500m
fig 9a


499000
500000
501000
502000
503000
6826000
6825000
6824000
6823000
6822000
6821000
6820000
57 Cu (Anomalous RGS Sample site)
BM
1982
Claire Fault
105-E-07
Thirty Mile Area
THE
THIRT
H - Approximate location
55 Cu (Anomalous RGS sample site)
22 Cu
44 Cu (Anomalous RGS sample site)
H
LSB-07
LSIL-02
LSIL-01
KAL-05
KAL-04
LROK-01,02
LSB-01
H
KAL-01
Chain Fault
Thirtymile Sample Label Map
= Vegetation sample with sample label
= Not Anomalous according to filter
= Weakly Anomalous according to filter
= Anomalous according to filter
= Moderately Anomalous according to filter
= Highly Anomalous according to filter
H = Heli Pad
= Rock sample with label
= Rock sample with label
= 2013 silt sample with sample label
= Anomalous RGS sample site
= Negative Magnetic Anomaly
0m 250m 500m 750m 1000m
Scale 1:25,000 or 1cm = 250m
fig 10a


499000
500000
501000
502000
503000
6826000
6825000
6824000
6823000
6822000
6821000
6820000
57 Cu (Anomalous RGS Sample site)
BM
1982
Claire Fault
N
105-E-07
Thirty Mile Area
THE
THIRT
H - Approximate location
55 Cu (Anomalous RGS sample site)
22 Cu
44 Cu (Anomalous RGS sample site)
H
Mo,Au
Mo,Au,Fe,As,Pb,Sb
Mo,Fe,As,Pb,Sb
Mo,Fe,Pb,Sb
44.4
23.7
4.2, 5.1
Cu,Au,Ag
Ag,Fe,Pb
H
Chain Fault
Thirtymile Sample Rating Map
= Vegetation sample with anomalous elements
= Not Anomalous according to filter
= Weakly Anomalous according to filter
= Anomalous according to filter
= Moderately Anomalous according to filter
= Highly Anomalous according to filter
H = Heli Pad
= Rock sample with 0-149 ppm Cu
= Rock sample with 150+ ppm Cu
= 2013 silt sample with copper value in ppm
= Anomalous RGS sample site
= Negative Magnetic Anomaly
0m 250m 500m 750m 1000m
Scale 1:25,000 or 1cm = 250m
fig 10a


513000
514000
515000
516000
6795000
6794000
6793000
6792000
105-E-07
Mars Area
LROK-03
LROK-04
LSB-09
LSB-08
KAP-01
KAP-02
H
Intrusive outline
according to government mapping
65 Cu (Anomalous RGS sample site)
Mars Sample Label Map
= Vegetation sample with sample label
= Not Anomalous according to filter
= Weakly Anomalous according to filter
= Anomalous according to filter
= Moderately Anomalous according to filter
= Highly Anomalous according to filter
H = Heli Pad
= Rock sample 0-149 ppm Cu with label
= Rock sample 150+ ppm Cu with label
= Historic Cu-Au in rock anomalies
= Anomalous RGS sample site
= Positive Magnetic Anomaly
0m 250m 500m 750m 1000m
Scale 1:20,000 or 1cm = 200m
fig 11


105-E-07
Mars Area
513000
514000
515000
516000
6795000
6794000
6793000
6792000
32.8
42.9
Cu,Fe,Pb
Cu,Fe,As,Pb,Sb
Au,Fe,Pb,Sb
Intrusive outline
according to government mapping
65 Cu (Anomalous RGS sample site)
Mars Sample Rating Map
= Vegetation sample with anomalous elements
= Not Anomalous according to filter
= Weakly Anomalous according to filter
= Anomalous according to filter
= Moderately Anomalous according to filter
= Highly Anomalous according to filter
H = Heli Pad
= Rock sample with 0-149 ppm Cu
= Rock sample with 150+ ppm Cu
= Historic Cu-Au in rock anomalies
= Anomalous RGS sample site
= Positive Magnetic Anomaly
0m 250m 500m 750m 1km
Scale 1:20,000 or 1cm = 200m
fig 11a

Statement Of Qualifications

I, Bernie Kreft, directed the exploration work described herein.

I have over 25 years prospecting experience in the Yukon and British Columbia.

This report is based on fieldwork directed and conducted by the author, and includes information from various publicly available assessment reports.

This report is based on fieldwork completed during the 2013 field season.

This report is based on fieldwork completed in the Lake Laberge area.

Respectfully Submitted,

_____

Bernie Kreft

Statement Of Costs

Truck Travel (to and from heli base 48km x $0.60/km)	$28.80
Chemex (assaying 1 soil, 10 rocks: Au30g + MeICP)	$372.40
Acme Analytical (2 silts, 10 rocks, 103 veg: 1DX1)	$2,947.72
Report Writing and Duplication	$2,500.00
Wages Kyle Eide (2 field days x $225/day)	$450.00
Wages Jarret Kreft (3 field days x $240/day)	$720.00
Wages Bernie Kreft (4 days x $300/day; 3 field + 1sample prep)	$1,200.00
Helicopter: TNTA (3 round trips)	$8,308.38
Food And Camp Supplies (8 man days x $50/day)	$400.00
Total	$16,927.30

2013 APCAR Bark Samples			PreAsh	Ash	Avg		Mo		Cu		Pb		Ag		Fe		As		Au		Sb	
			Wt	Wt	Ash	Mo	adj	Cu	adj	Pb	Adj	Ag	Adj	Fe	adj	As	adj	Au	Adj	Sb	Adj	
Name	Notes	Prop	G	G	ratio	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPB	PPB	PPM	PPM	rate
KAS-01		218Cu	63.325	3.503	0.0553	0.2	0.0111	54.3	3.0038	1.8	0.0996	0.2	0.0111	<0.01	0.0000	1	0.0553	5	0.2766	<0.1	0.0000	2.25
KAS-02		218Cu	63.033	2.034	0.0323	0.5	0.0161	108	3.4850	6.4	0.2065	0.4	0.0129	0.15	0.0048	1.3	0.0419	1	0.0323	0.1	0.0032	0.25
KAS-03		218Cu	63.374	2.076	0.0328	0.6	0.0197	94.8	3.1055	4.3	0.1409	0.3	0.0098	0.09	0.0029	<0.5	0.0000	<0.5	0.0000	0.1	0.0033	0
KAS-04		218Cu	63.839	1.994	0.0312	0.6	0.0187	114.8	3.5858	5.1	0.1593	0.6	0.0187	0.03	0.0009	0.7	0.0219	1	0.0312	<0.1	0.0000	0.5
KAS-05		218Cu	63.696	1.931	0.0303	0.5	0.0152	136	4.1230	5.3	0.1607	0.7	0.0212	<0.01	0.0000	<0.5	0.0000	<0.5	0.0000	0.1	0.0030	1
LBAR-01		218Cu	63.552	2.285	0.0360	0.7	0.0252	115.4	4.1492	3.5	0.1258	0.3	0.0108	<0.01	0.0000	0.6	0.0216	<0.5	0.0000	0.1	0.0036	0
LBAR-02		218Cu	63.998	2.077	0.0325	0.7	0.0227	105.1	3.4109	5.4	0.1753	0.2	0.0065	0.07	0.0023	0.6	0.0195	<0.5	0.0000	0.1	0.0032	0
LBAR-03		218Cu	62.051	1.696	0.0273	0.6	0.0164	198	5.4118	11	0.3007	0.7	0.0191	0.15	0.0041	1.3	0.0355	1.9	0.0519	0.2	0.0055	4.75
LBAR-04		218Cu	63.788	1.39	0.0218	0.7	0.0153	147.7	3.2185	15.4	0.3356	0.3	0.0065	0.14	0.0031	0.6	0.0131	1.9	0.0414	0.2	0.0044	0.75
LBAR-05		218Cu	63.73	1.828	0.0287	0.6	0.0172	110.3	3.1638	3.4	0.0975	0.2	0.0057	0.03	0.0009	1	0.0287	<0.5	0.0000	<0.1	0.0000	0
LBAR-06		218Cu	63.186	1.495	0.0237	1	0.0237	170.7	4.0388	7.5	0.1775	0.6	0.0142	0.13	0.0031	1.8	0.0426	1.9	0.0450	0.2	0.0047	0
LBAR-07		218Cu	63.053	1.776	0.0282	0.6	0.0169	156.8	4.4166	7.3	0.2056	0.4	0.0113	0.11	0.0031	<0.5	0.0000	<0.5	0.0000	0.2	0.0056	1.25
LBAR-08		218Cu	63.358	1.853	0.0292	0.5	0.0146	175.3	5.1269	3.5	0.1024	0.2	0.0058	0.09	0.0026	1.2	0.0351	1.1	0.0322	0.1	0.0029	2
LBAR-09		218Cu	63.158	1.694	0.0268	0.4	0.0107	132	3.5405	5.1	0.1368	0.1	0.0027	0.06	0.0016	0.8	0.0215	1.7	0.0456	<0.1	0.0000	0
LSB-10		218Cu	63.253	1.848	0.0292	0.6	0.0175	200.6	5.8607	8.6	0.2513	0.3	0.0088	0.13	0.0038	<0.5	0.0000	0.9	0.0263	0.2	0.0058	4.5
LSB-11		218Cu	63.329	1.907	0.0301	0.3	0.0090	158.8	4.7819	8.8	0.2650	0.5	0.0151	0.08	0.0024	<0.5	0.0000	<0.5	0.0000	0.1	0.0030	2.25
LSB-12		218Cu	62.974	2.336	0.0371	0.3	0.0111	110.6	4.1027	6.2	0.2300	0.8	0.0297	0.12	0.0045	1.5	0.0556	1.5	0.0556	0.2	0.0074	3
LSB-13		218Cu	63.081	2.028	0.0321	0.3	0.0096	131.1	4.2148	10.7	0.3440	0.5	0.0161	0.04	0.0013	1	0.0321	<0.5	0.0000	0.1	0.0032	0.75
KAL-01		30mile	63.721	1.911	0.0300	0.3	0.0090	98.8	2.9630	3.5	0.1050	0.3	0.0090	<0.01	0.0000	0.8	0.0240	0.8	0.0240	<0.1	0.0000	0
KAL-02		30mile	63.845	1.814	0.0284	0.3	0.0085	158.6	4.5062	7.5	0.2131	0.9	0.0256	0.07	0.0020	<0.5	0.0000	2	0.0568	0.1	0.0028	3
KAL-03		30mile	62.563	3.057	0.0489	0.4	0.0195	45.6	2.2281	5.5	0.2687	0.1	0.0049	0.06	0.0029	<0.5	0.0000	<0.5	0.0000	0.1	0.0049	0.25
KAL-04		30mile	63.768	2.239	0.0351	0.3	0.0105	82.3	2.8897	3.4	0.1194	0.2	0.0070	0.01	0.0004	<0.5	0.0000	<0.5	0.0000	<0.1	0.0000	0
KAL-05		30mile	63.77	2.012	0.0316	0.8	0.0252	97.5	3.0762	2.7	0.0852	0.2	0.0063	0.04	0.0013	1.4	0.0442	<0.5	0.0000	<0.1	0.0000	0
LSB-01		30mile	63.468	2.271	0.0358	0.4	0.0143	90.2	3.2275	8.4	0.3006	0.5	0.0179	0.13	0.0047	0.7	0.0250	0.9	0.0322	0.1	0.0036	1.25
LSB-02		30mile	62.81	2.408	0.0383	0.2	0.0077	99.4	3.8108	5.6	0.2147	0.2	0.0077	0.02	0.0008	<0.5	0.0000	<0.5	0.0000	0.1	0.0038	0
LSB-03		30mile	62.83	2.457	0.0391	0.2	0.0078	85.9	3.3592	2.7	0.1056	0.4	0.0156	0.04	0.0016	1.2	0.0469	0.6	0.0235	<0.1	0.0000	0
LSB-04	split into LBAR-10	30mile	63.539	2.848	0.0448	0.7	0.0314	87.9	3.9399	7	0.3138	0.3	0.0134	0.34	0.0152	0.8	0.0359	0.6	0.0269	0.2	0.0090	3
LSB-05		30mile	62.454	2.18	0.0349	0.9	0.0314	112	3.9094	6.6	0.2304	0.2	0.0070	0.59	0.0206	2.2	0.0768	<0.5	0.0000	0.3	0.0105	3.75
LSB-06		30mile	63.097	2.515	0.0399	0.9	0.0359	100.7	4.0138	5.9	0.2352	0.4	0.0159	0.25	0.0100	1.4	0.0558	3.1	0.1236	0.2	0.0080	5
LSB-07		30mile	63.885	2.369	0.0371	1	0.0371	94.7	3.5117	3.4	0.1261	0.3	0.0111	0.12	0.0044	0.8	0.0297	1.6	0.0593	0.1	0.0037	2
BLSS-12		BacNW	63.913	2.247	0.0352	0.2	0.0070	190.8	6.7080	1.8	0.0633	1	0.0352	<0.01	0.0000	2.3	0.0809	<0.5	0.0000	<0.1	0.0000	7
BLSS-13		BacNW	63.417	1.815	0.0286	<0.1	0.0000	88.3	2.5272	2	0.0572	0.2	0.0057	<0.01	0.0000	2.4	0.0687	<0.5	0.0000	<0.1	0.0000	0.75
BLSS-14		BacNW	63.588	1.694	0.0266	0.2	0.0053	151.2	4.0280	4.1	0.1092	0.7	0.0186	0.03	0.0008	1	0.0266	<0.5	0.0000	<0.1	0.0000	0.5
BLSS-15		BacNW	62.901	1.101	0.0175	0.2	0.0035	173.2	3.0316	3	0.0525	0.3	0.0053	<0.01	0.0000	1.7	0.0298	<0.5	0.0000	<0.1	0.0000	0
BLSS-16		BacNW	63.857	1.563	0.0245	0.2	0.0049	208.1	5.0936	3.6	0.0881	0.3	0.0073	0.02	0.0005	1.1	0.0269	<0.5	0.0000	0.1	0.0024	2
BLSS-17		BacNW	63.598	2.098	0.0330	0.2	0.0066	85.1	2.8073	3.2	0.1056	0.5	0.0165	0.01	0.0003	1.7	0.0561	1.6	0.0528	<0.1	0.0000	0.75
BLSS-18		BacNW	63.333	2.217	0.0350	0.9	0.0315	73.2	2.5624	3.3	0.1155	0.3	0.0105	0.02	0.0007	1.7	0.0595	<0.5	0.0000	<0.1	0.0000	1.25
BLSS-19		BacNW	63.564	2.761	0.0434	0.7	0.0304	52.2	2.2674	2.3	0.0999	0.2	0.0087	0.02	0.0009	1.1	0.0478	<0.5	0.0000	<0.1	0.0000	0.5
BLSS-20		BacNW	63.481	2.229	0.0351	0.4	0.0140	53.4	1.8750	2.6	0.0913	0.9	0.0316	0.03	0.0011	0.8	0.0281	<0.5	0.0000	<0.1	0.0000	2
BLSS-21		BacNW	63.448	1.412	0.0223	0.8	0.0178	160.2	3.5652	4.2	0.0935	1.3	0.0289	0.03	0.0007	1.5	0.0334	<0.5	0.0000	<0.1	0.0000	1.5

2013 APCAR Bark Samples

Name	Notes	Prop	PreAsh Wt G	Ash Wt G	Avg Ash ratio	Mo PPM	Mo adj PPM	Cu PPM	Cu adj PPM	Pb PPM	Pb Adj PPM	Ag PPM	Ag Adj PPM	Fe %	Fe adj %	As PPM	As adj PPM	Au PPB	Au Adj PPB	Sb PPM	Sb Adj PPM	rate
BLSS-22		BacNW	63.169	2.132	0.0338	0.1	0.0034	79	2.6663	4.3	0.1451	0.4	0.0135	<0.01	0.0000	2.2	0.0743	<0.5	0.0000	<0.1	0.0000	1
LBJ-12		BacNW	54.91	1.341	0.0244	0.9	0.0220	232.8	5.6854	11.3	0.2760	0.7	0.0171	0.45	0.0110	1.7	0.0415	3.6	0.0879	0.3	0.0073	6.75
LBJ-13		BacNW	63.903	1.463	0.0229	0.5	0.0114	282.6	6.4699	5.9	0.1351	0.8	0.0183	0.18	0.0041	1.3	0.0298	2.3	0.0527	0.1	0.0023	5
LBJ-14		BacNW	62.856	1.447	0.0230	1.1	0.0253	193.9	4.4637	3.2	0.0737	0.3	0.0069	0.1	0.0023	1.1	0.0253	0.6	0.0138	<0.1	0.0000	1
LBJ-15		BacNW	63.127	3.06	0.0485	0.7	0.0339	90.1	4.3675	2.8	0.1357	0.5	0.0242	0.06	0.0029	<0.5	0.0000	<0.5	0.0000	<0.1	0.0000	2.5
LBJ-16		BacNW	63.71	2.505	0.0393	1.7	0.0668	101.3	3.9830	4.3	0.1691	0.3	0.0118	0.14	0.0055	1.1	0.0433	<0.5	0.0000	0.2	0.0079	3
LBJ-17		BacNW	63.591	2.249	0.0354	0.2	0.0071	88.3	3.1229	4.3	0.1521	0.2	0.0071	0.09	0.0032	1.1	0.0389	0.6	0.0212	<0.1	0.0000	0
LBJ-18		BacNW	62.966	1.933	0.0307	1	0.0307	177.1	5.4368	3.2	0.0982	0.7	0.0215	0.05	0.0015	<0.5	0.0000	1.4	0.0430	<0.1	0.0000	4.5
LBJ-19		BacNW	63.962	2.405	0.0376	1	0.0376	106.9	4.0195	7.7	0.2895	0.7	0.0263	0.22	0.0083	1.5	0.0564	<0.5	0.0000	0.1	0.0038	4.75
LBJ-20	split into LKS-23	BacNW	63.743	2.731	0.0428	0.3	0.0129	107.9	4.6229	3.1	0.1328	0.7	0.0300	0.06	0.0026	<0.5	0.0000	1.2	0.0514	<0.1	0.0000	3.5
LKS-13		BacNW	59.424	1.057	0.0178	1.1	0.0196	222	3.9488	13.4	0.2384	0.7	0.0125	0.26	0.0046	2.3	0.0409	<0.5	0.0000	0.2	0.0036	0.5
LKS-14		BacNW	63.464	1.168	0.0184	1.2	0.0221	175.1	3.2226	6.4	0.1178	0.4	0.0074	0.32	0.0059	1.7	0.0313	5.5	0.1012	0.2	0.0037	2
LKS-15		BacNW	63.663	2.048	0.0322	0.8	0.0257	147	4.7289	4.9	0.1576	0.8	0.0257	0.15	0.0048	1.4	0.0450	2.4	0.0772	0.2	0.0064	4
LKS-16		BacNW	63.125	2.914	0.0462	0.3	0.0138	103.5	4.7778	3.6	0.1662	0.3	0.0138	0.09	0.0042	1.1	0.0508	1.5	0.0692	0.2	0.0092	4
LKS-17		BacNW	63.506	1.75	0.0276	0.3	0.0083	114.6	3.1580	2.5	0.0689	0.4	0.0110	0.05	0.0014	0.6	0.0165	0.6	0.0165	<0.1	0.0000	0
LKS-18		BacNW	63.377	2.216	0.0350	0.4	0.0140	91.7	3.2063	7.3	0.2552	0.6	0.0210	0.18	0.0063	0.9	0.0315	2	0.0699	0.2	0.0070	2.75
LKS-19		BacNW	63.825	2.641	0.0414	0.2	0.0083	77.5	3.2069	4.2	0.1738	0.5	0.0207	0.09	0.0037	1.2	0.0497	0.8	0.0331	0.2	0.0083	1.25
LKS-20		BacNW	62.74	1.712	0.0273	0.3	0.0082	90.7	2.4750	3.3	0.0900	1.9	0.0518	0.03	0.0008	<0.5	0.0000	1.4	0.0382	<0.1	0.0000	2
LKS-21		BacNW	63.471	2.293	0.0361	0.7	0.0253	97.4	3.5187	1.8	0.0650	0.3	0.0108	0.08	0.0029	1.7	0.0614	<0.5	0.0000	<0.1	0.0000	0.75
LKS-22		BacNW	63.291	1.839	0.0291	0.5	0.0145	149	4.3294	4.8	0.1395	0.6	0.0174	0.15	0.0044	0.6	0.0174	2.4	0.0697	0.1	0.0029	2.5
BLSS-01		BacSE	63.575	2.1	0.0330	0.7	0.0231	112.6	3.7194	10.1	0.3336	0.2	0.0066	0.16	0.0053	1.7	0.0562	2.6	0.0859	0.2	0.0066	3.25
BLSS-02		BacSE	63.772	1.846	0.0289	0.6	0.0174	152.2	4.4057	4.6	0.1332	0.3	0.0087	0.02	0.0006	0.8	0.0232	0.8	0.0232	<0.1	0.0000	1
BLSS-03		BacSE	63.5	2.703	0.0426	0.6	0.0255	88.9	3.7842	4.6	0.1958	0.2	0.0085	0.03	0.0013	1.3	0.0553	0.7	0.0298	<0.1	0.0000	0.25
BLSS-04		BacSE	63.717	2.387	0.0375	0.4	0.0150	61.6	2.3077	3.1	0.1161	0.3	0.0112	0.03	0.0011	1.6	0.0599	<0.5	0.0000	<0.1	0.0000	0.75
BLSS-05		BacSE	63.31	2.593	0.0410	1.4	0.0573	84.7	3.4691	2	0.0819	0.3	0.0123	<0.01	0.0000	1.7	0.0696	0.7	0.0287	<0.1	0.0000	2.5
BLSS-06		BacSE	63.761	2.059	0.0323	2.2	0.0710	122.3	3.9494	5.8	0.1873	0.3	0.0097	0.09	0.0029	1.3	0.0420	0.7	0.0226	0.1	0.0032	2
BLSS-07		BacSE	63.422	2.154	0.0340	1.3	0.0442	106.8	3.6272	5.7	0.1936	0.3	0.0102	0.11	0.0037	1.5	0.0509	<0.5	0.0000	0.1	0.0034	1.75
BLSS-08		BacSE	63.662	2.413	0.0379	0.8	0.0303	74.3	2.8162	6.3	0.2388	0.2	0.0076	0.08	0.0030	1.4	0.0531	2.2	0.0834	0.1	0.0038	2
BLSS-09		BacSE	63.661	2.189	0.0344	0.6	0.0206	71.6	2.4620	3.5	0.1203	0.1	0.0034	<0.01	0.0000	0.9	0.0309	<0.5	0.0000	<0.1	0.0000	0
BLSS-10	split into LBJ-21	BacSE	63.373	1.735	0.0274	1.3	0.0356	123.7	3.3866	2.6	0.0712	0.1	0.0027	<0.01	0.0000	1.5	0.0411	0.8	0.0219	<0.1	0.0000	0.5
BLSS-11		BacSE	63.112	2.364	0.0375	0.7	0.0262	90.8	3.4011	2.1	0.0787	0.2	0.0075	<0.01	0.0000	0.6	0.0225	1.2	0.0449	<0.1	0.0000	0
LBJ-01		BacSE	63.13	2.111	0.0334	1.1	0.0368	98.7	3.3004	4.3	0.1438	0.5	0.0167	0.13	0.0043	0.9	0.0301	2.4	0.0803	0.2	0.0067	2.25
LBJ-02		BacSE	63.378	1.913	0.0302	1.9	0.0573	109.9	3.3172	5.6	0.1690	0.3	0.0091	0.23	0.0069	0.8	0.0241	3.2	0.0966	0.2	0.0060	4
LBJ-03		BacSE	63.511	2.393	0.0377	0.4	0.0151	72.8	2.7430	3.1	0.1168	0.2	0.0075	0.07	0.0026	0.6	0.0226	0.8	0.0301	<0.1	0.0000	0
LBJ-04		BacSE	63.52	2.909	0.0458	0.4	0.0183	66.2	3.0317	4.1	0.1878	0.2	0.0092	0.14	0.0064	0.8	0.0366	0.9	0.0412	0.2	0.0092	1.25
LBJ-05		BacSE	63.793	1.596	0.0250	0.5	0.0125	137.2	3.4325	7.2	0.1801	0.4	0.0100	0.18	0.0045	1.2	0.0300	2.1	0.0525	0.2	0.0050	1
LBJ-06		BacSE	63.401	4.314	0.0680	0.2	0.0136	32.3	2.1978	1.7	0.1157	<0.1	0.0000	0.01	0.0007	<0.5	0.0000	<0.5	0.0000	<0.1	0.0000	0
LBJ-07		BacSE	63.118	3.158	0.0500	0.7	0.0350	64.6	3.2321	3.2	0.1601	0.5	0.0250	0.06	0.0030	<0.5	0.0000	<0.5	0.0000	<0.1	0.0000	1.5
LBJ-08		BacSE	53.526	1.688	0.0315	2.6	0.0820	92.6	2.9202	5.7	0.1798	0.2	0.0063	0.19	0.0060	<0.5	0.0000	10.9	0.3437	0.2	0.0063	4.75
LBJ-09		BacSE	62.799	1.422	0.0226	1.4	0.0317	138.9	3.1452	5.7	0.1291	0.3	0.0068	0.12	0.0027	<0.5	0.0000	1.2	0.0272	0.1	0.0023	0.5

2013 APCAR Bark Samples			PreAsh	Ash	Avg		Mo		Cu		Pb		Ag		Fe		As		Au		Sb	
			Wt	Wt	Ash	Mo	adj	Cu	adj	Pb	Adj	Ag	Adj	Fe	adj	As	adj	Au	Adj	Sb	Adj	
Name	Notes	Prop	G	G	ratio	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPB	PPB	PPM	PPM	rate
LBJ-10		BacSE	62.823	1.359	0.0216	1.7	0.0368	119.3	2.5807	12.3	0.2661	0.4	0.0087	0.31	0.0067	1.1	0.0000	2.2	0.0476	0.2	0.0043	2
LBJ-11		BacSE	62.404	1.898	0.0304	1.2	0.0365	99.2	3.0171	6.6	0.2007	0.4	0.0122	0.1	0.0030	<0.5	0.0000	1.4	0.0426	<0.1	0.0000	1
LKS-01		BacSE	62.947	1.802	0.0286	1	0.0286	164.5	4.7092	17.6	0.5038	0.3	0.0086	0.23	0.0066	1.8	0.0515	0.7	0.0200	0.2	0.0057	3
LKS-02		BacSE	63.483	1.839	0.0290	2.3	0.0666	210.6	6.1007	7.2	0.2086	0.6	0.0174	0.17	0.0049	2	0.0579	1.9	0.0550	0.2	0.0058	8
LKS-03		BacSE	60.943	1.813	0.0297	1.2	0.0357	103.2	3.0701	3.2	0.0952	0.2	0.0059	0.06	0.0018	1.2	0.0357	5	0.1487	<0.1	0.0000	3
LKS-04		BacSE	61.938	2.208	0.0356	0.7	0.0250	83.3	2.9695	3.2	0.1141	0.7	0.0250	<0.01	0.0000	1.4	0.0499	<0.5	0.0000	<0.1	0.0000	1
LKS-05		BacSE	63.809	1.623	0.0254	0.6	0.0153	223.1	5.6746	5.8	0.1475	0.3	0.0076	0.05	0.0013	1.5	0.0382	0.7	0.0178	<0.1	0.0000	3
LKS-06		BacSE	60.05	1.331	0.0222	0.9	0.0199	208.5	4.6214	5.7	0.1263	0.5	0.0111	0.13	0.0029	1.6	0.0355	0.9	0.0199	0.1	0.0022	1
LKS-07		BacSE	67.089	2.362	0.0352	0.1	0.0035	65	2.2885	2.2	0.0775	0.2	0.0070	<0.01	0.0000	1.3	0.0458	<0.5	0.0000	<0.1	0.0000	0
LKS-08		BacSE	63.869	2.268	0.0355	1	0.0355	75	2.6633	3.6	0.1278	0.2	0.0071	<0.01	0.0000	1.5	0.0533	<0.5	0.0000	<0.1	0.0000	0.75
LKS-09		BacSE	43.739	1.451	0.0332	0.8	0.0265	93.1	3.0885	10.9	0.3616	0.3	0.0100	0.12	0.0040	1.7	0.0564	1.4	0.0464	0.1	0.0033	1.25
LKS-10		BacSE	64.063	1.279	0.0200	1.1	0.0220	117	2.3359	4.5	0.0898	0.1	0.0020	0.08	0.0016	0.9	0.0180	<0.5	0.0000	0.1	0.0020	0
LKS-11		BacSE	62.908	2.135	0.0339	0.5	0.0170	94.3	3.2004	5.6	0.1901	0.3	0.0102	<0.01	0.0000	<0.5	0.0000	<0.5	0.0000	<0.1	0.0000	0
LKS-12		BacSE	62.966	1.818	0.0289	0.6	0.0173	98.6	2.8469	5.8	0.1675	0.2	0.0058	0.04	0.0012	<0.5	0.0000	<0.5	0.0000	0.1	0.0029	0
KAP-01		Mars	63.534	1.525	0.0240	0.8	0.0192	154.4	3.7060	20.5	0.4921	0.5	0.0120	0.27	0.0065	1	0.0240	4	0.0960	0.3	0.0072	3.5
KAP-02		Mars	62.606	2.135	0.0341	0.7	0.0239	169.2	5.7701	24.4	0.8321	0.3	0.0102	0.39	0.0133	1.7	0.0580	0.7	0.0239	0.3	0.0102	6.5
LSB-08		Mars	62.051	2.196	0.0354	0.8	0.0283	119.8	4.2398	20.3	0.7184	0.1	0.0035	0.52	0.0184	1.9	0.0672	1.4	0.0495	0.3	0.0106	3.75
LSB-09		Mars	63.907	1.241	0.0194	0.7	0.0136	263.9	5.1246	13.7	0.2660	0.5	0.0097	0.28	0.0054	1.2	0.0233	2.3	0.0447	0.2	0.0039	2.5
BLSS-23	from Fish Lk ppy	xNA	63.323	2.349	0.0371	5.5	0.2040	240.3	8.9141	20.8	0.7716	1.2	0.0445	0.58	0.0215	4.1	0.1521	4.6	0.1706	0.4	0.0148	
LBAR-10	dupl of LSB-04	xNA	63.164	2.824	0.0447	0.6	0.0268	74	3.3085	5.9	0.2638	0.2	0.0089	0.23	0.0103	1.7	0.0760	2.5	0.1118	0.2	0.0089	
LBJ-21	dupl of BLSS-10	xNA	62.779	1.755	0.0280	1.4	0.0391	132	3.6901	2.7	0.0755	0.1	0.0028	0.06	0.0017	<0.5	0.0000	2.3	0.0643	<0.1	0.0000	
LBJ-22	from Fish Lk ppy	xNA	63.049	2.242	0.0356	6.4	0.2276	279.7	9.9460	24.6	0.8748	1.7	0.0605	0.71	0.0252	3.1	0.1102	126	4.4805	0.4	0.0142	
LKS-23	dupl of LBJ-20	xNA	63.29	2.644	0.0418	0.1	0.0042	102.7	4.2904	3	0.1253	0.8	0.0334	0.05	0.0021	1.6	0.0668	0.9	0.0376	<0.1	0.0000	
STD		xNA	18.07	0.504	0.0279	0.8	0.0223	41.6	1.1603	6.5	0.1813	1	0.0279	0.12	0.0033	2.5	0.0697	0.6	0.0167	0.3	0.0084	
STD		xNA	18.732	0.527	0.0281	0.9	0.0253	44.3	1.2463	7.8	0.2194	0.9	0.0253	0.1	0.0028	2.8	0.0788	1.3	0.0366	0.3	0.0084	

Type	Sample	ProJect	Easting	Northing	Description	WT Wgt KG 0.01	VA475 PreAsh G 0.001	VA475 Ashed G 0.001	1DX Cu PPM 0.1	1DX Mo PPM 0.1	1DX Au PPB 0.5	1DX Ag PPM 0.1	1DX Fe % 0.01	1DX As PPM 0.5	1DX Pb PPM 0.1	1DX Sb PPM 0.1
Rock	LBR-01	JavaBacon	504751	6806245	fine grained granite	0.41			8.6	0.5	3.2	<0.1	2.18	1.3	19	0.3
Rock	LBR-02	JavaBacon	504852	6806168	As above	0.21			8.6	0.2	1.6	<0.1	2.24	2.7	10.5	0.1
Rock	LBR-03	JavaBacon	504981	6804660	As above	0.24			13	0.5	2.5	<0.1	1.97	0.9	20.1	0.3
Rock	LBR-04	JavaBacon	504986	6804281	as above with limonite on fracs	0.43			10.4	0.6	4.5	<0.1	2.29	1.3	12.8	0.3
Rock	LBR-05	JavaBacon	505004	6804239	weakly pyritic/lim aplite	0.24			1.7	1.7	4	<0.1	0.42	1.4	23.5	0.3
Rock	LBR-06	JavaBacon	501283	6809499	weakly lim granite rubblecrop(?)	0.44			5	1.9	<0.5	0.1	1.19	1.6	6	0.1
Rock	LROK-01	Thirtymile	500534	6822680	qtz cal vein stwrk in conglomerate	0.5			4.2	0.2	2.8	<0.1	0.52	3.8	5.4	0.3
Rock	LROK-02	Thirtymile	500534	6822680	lim qtz cal vn stwrk cutting fine sed	0.33			5.1	0.5	5.1	<0.1	0.98	2.4	5	0.3
Rock	LROK-03	Mars	513230	6793536	lim and frac hflsd ?rock	0.2			32.8	1.9	5.1	<0.1	1.61	1.3	6.3	0.2
Rock	LROK-04	Mars	513320	6793526	py hflsd lim volc? sed?	0.59			42.9	2.5	13.4	<0.1	1.62	0.6	2.5	0.2
Rock	Rep-01	218 Cu	502598	6777815	clay alt qfp with limonite	0.04	Chemex		4	<1	<0.005 ppm	<0.2	1.35	4	6	<2
Rock	Rep-02	218 Cu	503137	6778158	clay alt qfp with trace diss mag	0.34	Chemex		<1	<1	<0.005 ppm	<0.2	0.8	<2	5	<2
Rock	Rep-03	218 Cu	503100	6778396	heavily weathered qfp or intr	0.24	Chemex		10	<1	<0.005 ppm	<0.2	1.76	69	4	4
Rock	Rep-04	Mustard	494884	6799299	qtz biotite intr angular rubble	0.36	Chemex		4	<1	<0.005 ppm	<0.2	1.77	<2	22	<2
Rock	Rep-05	Mustard	495000	6799360	brx rx with fine sulph/qtz in brx areas	0.24	Chemex		76	<1	0.019 ppm	0.3	4.13	7	2	<2
Rock	Rep-06	Mustard	495094	6799292	weakly pyritic rhyolite	0.3	Chemex		2	1	<0.005 ppm	0.3	0.93	104	34	<2
Rock	Rep-07	Liv	528233	6794205	weakly pyritic and lim (hfls?)	0.24	Chemex		188	<1	<0.005 ppm	0.5	5.26	2	2	<2
Rock	Rep-08	Liv	528198	6793977	as above	0.48	Chemex		708	21	<0.005 ppm	0.2	6.8	2	3	<2
Rock	Rep-09	Liv	528180	6793981	qtz hblende intr with trace diss cpy	0.44	Chemex		665	<1	<0.005 ppm	0.3	2.92	3	<2	<2
Rock	Rep-10	Liv	528180	6793981	as above with calc veinlet and mal	0.58	Chemex		5050	<1	0.025 ppm	3.8	2.49	5	<2	<2
Silt	LSIL-01	Thirtymile	501000	6822890	Left fork	0.93			23.7	1.8	2.1	<0.1	2.41	10.5	8.9	0.7
Silt	LSIL-02	Thirtymile	500970	6822892	Right fork	0.76			44.4	4	2.1	0.2	3.18	22.8	15.2	1.6
Soil	LAB-01	218 Cu	502452	6777456		0.28	Chemex		25	<1	<0.005 ppm	<0.2	3.25	4	4	<2
VEG	BLSS-01	JavaBacon	506399	6806448			63.575	2.1	112.6	0.7	2.6	0.2	0.16	1.7	10.1	0.2
VEG	BLSS-02	JavaBacon	506498	6806258			63.772	1.846	152.2	0.6	0.8	0.3	0.02	0.8	4.6	<0.1
VEG	BLSS-03	JavaBacon	506517	6806065			63.5	2.703	88.9	0.6	0.7	0.2	0.03	1.3	4.6	<0.1
VEG	BLSS-04	JavaBacon	506627	6805885			63.717	2.387	61.6	0.4	<0.5	0.3	0.03	1.6	3.1	<0.1
VEG	BLSS-05	JavaBacon	506715	6805702			63.31	2.593	84.7	1.4	0.7	0.3	<0.01	1.7	2	<0.1
VEG	BLSS-06	JavaBacon	506773	6805506			63.761	2.059	122.3	2.2	0.7	0.3	0.09	1.3	5.8	0.1
VEG	BLSS-07	JavaBacon	506866	6805336			63.422	2.154	106.8	1.3	<0.5	0.3	0.11	1.5	5.7	0.1
VEG	BLSS-08	JavaBacon	506924	6805142			63.662	2.413	74.3	0.8	2.2	0.2	0.08	1.4	6.3	0.1
VEG	BLSS-09	JavaBacon	507018	6804950			63.661	2.189	71.6	0.6	<0.5	0.1	<0.01	0.9	3.5	<0.1
VEG	BLSS-10	JavaBacon	507083	6804782	Split into LBJ-21		63.373	1.735	123.7	1.3	0.8	0.1	<0.01	1.5	2.6	<0.1
VEG	BLSS-11	JavaBacon	507152	6804586			63.112	2.364	90.8	0.7	1.2	0.2	<0.01	0.6	2.1	<0.1
VEG	BLSS-12	JavaBacon	501076	6809459			63.913	2.247	190.8	0.2	<0.5	1	<0.01	2.3	1.8	<0.1
VEG	BLSS-13	JavaBacon	500943	6809480			63.417	1.815	88.3	<0.1	<0.5	0.2	<0.01	2.4	2	<0.1
VEG	BLSS-14	JavaBacon	500857	6809538			63.588	1.694	151.2	0.2	<0.5	0.7	0.03	1	4.1	<0.1

Type	Sample	ProJect	Easting	Northing	Description	WT Wgt KG 0.01	VA475 PreAsh G 0.001	VA475 Ashed G 0.001	1DX Cu PPM 0.1	1DX Mo PPM 0.1	1DX Au PPB 0.5	1DX Ag PPM 0.1	1DX Fe % 0.01	1DX As PPM 0.5	1DX Pb PPM 0.1	1DX Sb PPM 0.1
VEG	BLSS-15	JavaBacon	501028	6809773			62.901	1.101	173.2	0.2	<0.5	0.3	<0.01	1.7	3	<0.1
VEG	BLSS-16	JavaBacon	501296	6809796			63.857	1.563	208.1	0.2	<0.5	0.3	0.02	1.1	3.6	0.1
VEG	BLSS-17	JavaBacon	503364	6809551			63.598	2.098	85.1	0.2	1.6	0.5	0.01	1.7	3.2	<0.1
VEG	BLSS-18	JavaBacon	503423	6809680			63.333	2.217	73.2	0.9	<0.5	0.3	0.02	1.7	3.3	<0.1
VEG	BLSS-19	JavaBacon	503496	6809792			63.564	2.761	52.2	0.7	<0.5	0.2	0.02	1.1	2.3	<0.1
VEG	BLSS-20	JavaBacon	503646	6809773			63.481	2.229	53.4	0.4	<0.5	0.9	0.03	0.8	2.6	<0.1
VEG	BLSS-21	JavaBacon	503703	6809610			63.448	1.412	160.2	0.8	<0.5	1.3	0.03	1.5	4.2	<0.1
VEG	BLSS-22	JavaBacon	503521	6809527			63.169	2.132	79	0.1	<0.5	0.4	<0.01	2.2	4.3	<0.1
VEG	BLSS-23	split rep			from Fish Lake porphyry Mo-Cu-Au		63.323	2.349	240.3	5.5	4.6	1.2	0.58	4.1	20.8	0.4
VEG	KAL-01	Thirtymile	500375	6822297			63.721	1.911	98.8	0.3	0.8	0.3	<0.01	0.8	3.5	<0.1
VEG	KAL-02	Thirtymile	500591	6822495			63.845	1.814	158.6	0.3	2	0.9	0.07	<0.5	7.5	0.1
VEG	KAL-03	Thirtymile	500745	6822634			62.563	3.057	45.6	0.4	<0.5	0.1	0.06	<0.5	5.5	0.1
VEG	KAL-04	Thirtymile	500902	6822792			63.768	2.239	82.3	0.3	<0.5	0.2	0.01	<0.5	3.4	<0.1
VEG	KAL-05	Thirtymile	500980	6822848			63.77	2.012	97.5	0.8	<0.5	0.2	0.04	1.4	2.7	<0.1
VEG	KAP-01	Mars	513200	6793507			63.534	1.525	154.4	0.8	4	0.5	0.27	1	20.5	0.3
VEG	KAP-02	Mars	513368	6793435			62.606	2.135	169.2	0.7	0.7	0.3	0.39	1.7	24.4	0.3
VEG	KAS-01	218 Cu	502799	6778734			63.325	3.503	54.3	0.2	5	0.2	<0.01	1	1.8	<0.1
VEG	KAS-02	218 Cu	502757	6778789			63.033	2.034	108	0.5	1	0.4	0.15	1.3	6.4	0.1
VEG	KAS-03	218 Cu	502720	6778887			63.374	2.076	94.8	0.6	<0.5	0.3	0.09	<0.5	4.3	0.1
VEG	KAS-04	218 Cu	502822	6778982			63.839	1.994	114.8	0.6	1	0.6	0.03	0.7	5.1	<0.1
VEG	KAS-05	218 Cu	502894	6779045			63.696	1.931	136	0.5	<0.5	0.7	<0.01	<0.5	5.3	0.1
VEG	LBAR-01	218 Cu	502840	6778984			63.552	2.285	115.4	0.7	<0.5	0.3	<0.01	0.6	3.5	0.1
VEG	LBAR-02	218 Cu	502942	6779114			63.998	2.077	105.1	0.7	<0.5	0.2	0.07	0.6	5.4	0.1
VEG	LBAR-03	218 Cu	503047	6779111			62.051	1.696	198	0.6	1.9	0.7	0.15	1.3	11	0.2
VEG	LBAR-04	218 Cu	503145	6779057			63.788	1.39	147.7	0.7	1.9	0.3	0.14	0.6	15.4	0.2
VEG	LBAR-05	218 Cu	503225	6778995			63.73	1.828	110.3	0.6	<0.5	0.2	0.03	1	3.4	<0.1
VEG	LBAR-06	218 Cu	503282	6778861			63.186	1.495	170.7	1	1.9	0.6	0.13	1.8	7.5	0.2
VEG	LBAR-07	218 Cu	503358	6778722			63.053	1.776	156.8	0.6	<0.5	0.4	0.11	<0.5	7.3	0.2
VEG	LBAR-08	218 Cu	503423	6778543			63.358	1.853	175.3	0.5	1.1	0.2	0.09	1.2	3.5	0.1
VEG	LBAR-09	218 Cu	503523	6778435			63.158	1.694	132	0.4	1.7	0.1	0.06	0.8	5.1	<0.1
VEG	LBAR-10	split			split from LSB-04		63.164	2.824	74	0.6	2.5	0.2	0.23	1.7	5.9	0.2
VEG	LBJ-01	JavaBacon	504992	6806132			63.13	2.111	98.7	1.1	2.4	0.5	0.13	0.9	4.3	0.2
VEG	LBJ-02	JavaBacon	505007	6805888			63.378	1.913	109.9	1.9	3.2	0.3	0.23	0.8	5.6	0.2
VEG	LBJ-03	JavaBacon	504995	6805676			63.511	2.393	72.8	0.4	0.8	0.2	0.07	0.6	3.1	<0.1
VEG	LBJ-04	JavaBacon	505006	6805482			63.52	2.909	66.2	0.4	0.9	0.2	0.14	0.8	4.1	0.2
VEG	LBJ-05	JavaBacon	504999	6805279			63.793	1.596	137.2	0.5	2.1	0.4	0.18	1.2	7.2	0.2
VEG	LBJ-06	JavaBacon	504997	6805070			63.401	4.314	32.3	0.2	<0.5	<0.1	0.01	<0.5	1.7	<0.1

Type	Sample	ProJect	Easting	Northing	Description	WT Wgt KG 0.01	VA475 PreAsh G 0.001	VA475 Ashed G 0.001	1DX Cu PPM 0.1	1DX Mo PPM 0.1	1DX Au PPB 0.5	1DX Ag PPM 0.1	1DX Fe % 0.01	1DX As PPM 0.5	1DX Pb PPM 0.1	1DX Sb PPM 0.1
VEG	LBJ-07	JavaBacon	505006	6804866			63.118	3.158	64.6	0.7	<0.5	0.5	0.06	<0.5	3.2	<0.1
VEG	LBJ-08	JavaBacon	505004	6804670			53.526	1.688	92.6	2.6	10.9	0.2	0.19	<0.5	5.7	0.2
VEG	LBJ-09	JavaBacon	505005	6804469			62.799	1.422	138.9	1.4	1.2	0.3	0.12	<0.5	5.7	0.1
VEG	LBJ-10	JavaBacon	505001	6804294			62.823	1.359	119.3	1.7	2.2	0.4	0.31	1.1	12.3	0.2
VEG	LBJ-11	JavaBacon	504996	6804061			62.404	1.898	99.2	1.2	1.4	0.4	0.1	<0.5	6.6	<0.1
VEG	LBJ-12	JavaBacon	501296	6809640			54.91	1.341	232.8	0.9	3.6	0.7	0.45	1.7	11.3	0.3
VEG	LBJ-13	JavaBacon	501511	6809632			63.903	1.463	282.6	0.5	2.3	0.8	0.18	1.3	5.9	0.1
VEG	LBJ-14	JavaBacon	501730	6809596			62.856	1.447	193.9	1.1	0.6	0.3	0.1	1.1	3.2	<0.1
VEG	LBJ-15	JavaBacon	501910	6809586			63.127	3.06	90.1	0.7	<0.5	0.5	0.06	<0.5	2.8	<0.1
VEG	LBJ-16	JavaBacon	502111	6809561			63.71	2.505	101.3	1.7	<0.5	0.3	0.14	1.1	4.3	0.2
VEG	LBJ-17	JavaBacon	502310	6809526			63.591	2.249	88.3	0.2	0.6	0.2	0.09	1.1	4.3	<0.1
VEG	LBJ-18	JavaBacon	502528	6809484			62.966	1.933	177.1	1	1.4	0.7	0.05	<0.5	3.2	<0.1
VEG	LBJ-19	JavaBacon	502734	6809458			63.962	2.405	106.9	1	<0.5	0.7	0.22	1.5	7.7	0.1
VEG	LBJ-20	JavaBacon	502946	6809442	Split into LBKS-23		63.743	2.731	107.9	0.3	1.2	0.7	0.06	<0.5	3.1	<0.1
VEG	LBJ-21	split			split from BLSS-10		62.779	1.755	132	1.4	2.3	0.1	0.06	<0.5	2.7	<0.1
VEG	LBJ-22	split rep			from Fish Lake porphyry Mo-Cu-Au		63.049	2.242	279.7	6.4	126	1.7	0.71	3.1	24.6	0.4
VEG	LKS-01	JavaBacon	504499	6806353			62.947	1.802	164.5	1	0.7	0.3	0.23	1.8	17.6	0.2
VEG	LKS-02	JavaBacon	504479	6806153			63.483	1.839	210.6	2.3	1.9	0.6	0.17	2	7.2	0.2
VEG	LKS-03	JavaBacon	504489	6805945			60.943	1.813	103.2	1.2	5	0.2	0.06	1.2	3.2	<0.1
VEG	LKS-04	JavaBacon	504487	6805744			61.938	2.208	83.3	0.7	<0.5	0.7	<0.01	1.4	3.2	<0.1
VEG	LKS-05	JavaBacon	504489	6805551			63.809	1.623	223.1	0.6	0.7	0.3	0.05	1.5	5.8	<0.1
VEG	LKS-06	JavaBacon	504488	6805350			60.05	1.331	208.5	0.9	0.9	0.5	0.13	1.6	5.7	0.1
VEG	LKS-07	JavaBacon	504492	6805152			67.089	2.362	65	0.1	<0.5	0.2	<0.01	1.3	2.2	<0.1
VEG	LKS-08	JavaBacon	504498	6804950			63.869	2.268	75	1	<0.5	0.2	<0.01	1.5	3.6	<0.1
VEG	LKS-09	JavaBacon	504496	6804750			43.739	1.451	93.1	0.8	1.4	0.3	0.12	1.7	10.9	0.1
VEG	LKS-10	JavaBacon	504497	6804551			64.063	1.279	117	1.1	<0.5	0.1	0.08	0.9	4.5	0.1
VEG	LKS-11	JavaBacon	504498	6804354			62.908	2.135	94.3	0.5	<0.5	0.3	<0.01	<0.5	5.6	<0.1
VEG	LKS-12	JavaBacon	504498	6804148			62.966	1.818	98.6	0.6	<0.5	0.2	0.04	<0.5	5.8	0.1
VEG	LKS-13	JavaBacon	501264	6809355			59.424	1.057	222	1.1	<0.5	0.7	0.26	2.3	13.4	0.2
VEG	LKS-14	JavaBacon	501485	6809325			63.464	1.168	175.1	1.2	5.5	0.4	0.32	1.7	6.4	0.2
VEG	LKS-15	JavaBacon	501673	6809338			63.663	2.048	147	0.8	2.4	0.8	0.15	1.4	4.9	0.2
VEG	LKS-16	JavaBacon	501871	6809331			63.125	2.914	103.5	0.3	1.5	0.3	0.09	1.1	3.6	0.2
VEG	LKS-17	JavaBacon	502084	6809345			63.506	1.75	114.6	0.3	0.6	0.4	0.05	0.6	2.5	<0.1
VEG	LKS-18	JavaBacon	502268	6809325			63.377	2.216	91.7	0.4	2	0.6	0.18	0.9	7.3	0.2
VEG	LKS-19	JavaBacon	502475	6809325			63.825	2.641	77.5	0.2	0.8	0.5	0.09	1.2	4.2	0.2
VEG	LKS-20	JavaBacon	502678	6809343			62.74	1.712	90.7	0.3	1.4	1.9	0.03	<0.5	3.3	<0.1
VEG	LKS-21	JavaBacon	502865	6809338			63.471	2.293	97.4	0.7	<0.5	0.3	0.08	1.7	1.8	<0.1

Type	Sample	ProJect	Easting	Northing	Description	WT Wgt KG 0.01	VA475 PreAsh G 0.001	VA475 Ashed G 0.001	1DX Cu PPM 0.1	1DX Mo PPM 0.1	1DX Au PPB 0.5	1DX Ag PPM 0.1	1DX Fe % 0.01	1DX As PPM 0.5	1DX Pb PPM 0.1	1DX Sb PPM 0.1
VEG	LKS-22	JavaBacon	503072	6809328			63.291	1.839	149	0.5	2.4	0.6	0.15	0.6	4.8	0.1
VEG	LKS-23	split			split from LBJ-20		63.29	2.644	102.7	0.1	0.9	0.8	0.05	1.6	3	<0.1
VEG	LSB-01	Thirtymile	500291	6822390			63.468	2.271	90.2	0.4	0.9	0.5	0.13	0.7	8.4	0.1
VEG	LSB-02	Thirtymile	500404	6822600			62.81	2.408	99.4	0.2	<0.5	0.2	0.02	<0.5	5.6	0.1
VEG	LSB-03	Thirtymile	500525	6822691			62.83	2.457	85.9	0.2	0.6	0.4	0.04	1.2	2.7	<0.1
VEG	LSB-04	Thirtymile	500622	6822791	split into LBAR-10		63.539	2.848	87.9	0.7	0.6	0.3	0.34	0.8	7	0.2
VEG	LSB-05	Thirtymile	500734	6822887			62.454	2.18	112	0.9	<0.5	0.2	0.59	2.2	6.6	0.3
VEG	LSB-06	Thirtymile	500882	6822922			63.097	2.515	100.7	0.9	3.1	0.4	0.25	1.4	5.9	0.2
VEG	LSB-07	Thirtymile	500984	6823038			63.885	2.369	94.7	1	1.6	0.3	0.12	0.8	3.4	0.1
VEG	LSB-08	Mars	513132	6793510			62.051	2.196	119.8	0.8	1.4	0.1	0.52	1.9	20.3	0.3
VEG	LSB-09	Mars	513020	6793618			63.907	1.241	263.9	0.7	2.3	0.5	0.28	1.2	13.7	0.2
VEG	LSB-10	218 Cu	503144	6778220			63.253	1.848	200.6	0.6	0.9	0.3	0.13	<0.5	8.6	0.2
VEG	LSB-11	218 Cu	503107	6778063			63.329	1.907	158.8	0.3	<0.5	0.5	0.08	<0.5	8.8	0.1
VEG	LSB-12	218 Cu	503264	6778035			62.974	2.336	110.6	0.3	1.5	0.8	0.12	1.5	6.2	0.2
VEG	LSB-13	218 Cu	502947	6778543			63.081	2.028	131.1	0.3	<0.5	0.5	0.04	1	10.7	0.1

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Client: **Kreft, Bernie**
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Whitehorse YT Y1A 5G9 CANADA

Submitted By: Bernie Kreft
Receiving Lab: Canada-Vancouver
Received: November 21, 2013
Report Date: December 16, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN13004962.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 2

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	2	Dry at 60C			VAN
SS80	2	Dry at 60C sieve 100g to -80 mesh			VAN
1DX1	2	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Kreft, Bernie
1 Locust Place
Whitehorse YT Y1A 5G9
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval, preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: December 16, 2013

CERTIFICATE OF ANALYSIS VAN13004962.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
LSIL-01	Silt	1.8	23.7	8.9	69	<0.1	21.7	9.2	639	2.41	10.5	2.1	2.0	112	0.4	0.7	<0.1	44	1.77	0.064	10
LSIL-02	Silt	4.0	44.4	15.2	135	0.2	41.2	13.6	520	3.18	22.8	2.1	2.9	186	0.8	1.6	0.2	34	2.98	0.078	11

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Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: December 16, 2013

CERTIFICATE OF ANALYSIS VAN13004962.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
LSIL-01	Silt	19	0.54	181	0.018	<20	0.79	0.011	0.08	<0.1	0.03	4.2	0.1	<0.05	3	1.1	<0.2
LSIL-02	Silt	15	0.44	336	0.004	<20	0.50	0.007	0.11	<0.1	0.06	6.8	0.2	<0.05	1	1.3	<0.2

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Submitted By: Bernie Kreft
Receiving Lab: Canada-Vancouver
Received: November 21, 2013
Report Date: December 18, 2013
Page: 1 of 5

CERTIFICATE OF ANALYSIS VAN13004960.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 105

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
VA475	105	Vegetation Ashing at 475	50		VAN
Split Ash from VA47!	105	Analysis sample split/packet			VAN
1DX1	105	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Kreft, Bernie
1 Locust Place
Whitehorse YT Y1A 5G9
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval, preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: December 18, 2013

CERTIFICATE OF ANALYSIS VAN13004960.1

	Method	VA475	VA475	VA475	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Rec. Wt	Ash Wt.	shed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	g	g	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.001	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
OVEN-STD-1	Vegetation		18.732	0.527	0.9	44.3	7.8	1474	0.9	12.2	0.5	>10000	0.10	2.8	1.3	0.8	573	0.3	0.3	0.2	2
LSB-01	Vegetation		63.468	2.271	0.4	90.2	8.4	2534	0.5	5.3	2.1	2573	0.13	0.7	0.9	0.2	1628	0.6	0.1	<0.1	4
LSB-02	Vegetation		62.810	2.408	0.2	99.4	5.6	1915	0.2	2.6	0.8	2121	0.02	<0.5	<0.5	<0.1	2487	1.1	0.1	<0.1	<2
LSB-03	Vegetation		62.830	2.457	0.2	85.9	2.7	1347	0.4	2.6	1.1	2206	0.04	1.2	0.6	<0.1	1889	0.9	<0.1	<0.1	<2
LSB-04	Vegetation		63.539	2.848	0.7	87.9	7.0	1496	0.3	9.5	3.5	3915	0.34	0.8	0.6	0.2	1672	1.6	0.2	<0.1	7
LSB-05	Vegetation		62.454	2.180	0.9	112.0	6.6	1610	0.2	7.6	3.6	2093	0.59	2.2	<0.5	0.4	1431	2.4	0.3	0.1	14
LSB-06	Vegetation		63.097	2.515	0.9	100.7	5.9	1783	0.4	7.0	3.2	2197	0.25	1.4	3.1	0.3	2082	1.2	0.2	<0.1	5
LSB-07	Vegetation		63.885	2.369	1.0	94.7	3.4	2172	0.3	3.8	1.2	869	0.12	0.8	1.6	0.2	1526	0.5	0.1	<0.1	<2
LSB-08	Vegetation		62.051	2.196	0.8	119.8	20.3	892	0.1	36.4	9.0	2871	0.52	1.9	1.4	0.3	2284	1.6	0.3	<0.1	11
LSB-09	Vegetation		63.907	1.241	0.7	263.9	13.7	2957	0.5	18.2	8.6	3658	0.28	1.2	2.3	0.2	2024	0.9	0.2	<0.1	4
LSB-10	Vegetation		63.253	1.848	0.6	200.6	8.6	3919	0.3	1.8	1.1	1685	0.13	<0.5	0.9	0.2	2375	0.8	0.2	<0.1	<2
LSB-11	Vegetation		63.329	1.907	0.3	158.8	8.8	2180	0.5	6.9	2.5	4009	0.08	<0.5	<0.5	0.1	1148	1.3	0.1	<0.1	<2
LSB-12	Vegetation		62.974	2.336	0.3	110.6	6.2	3282	0.8	1.6	1.3	1823	0.12	1.5	1.5	0.3	2859	0.3	0.2	<0.1	<2
LSB-13	Vegetation		63.081	2.028	0.3	131.1	10.7	4623	0.5	5.6	2.3	3535	0.04	1.0	<0.5	<0.1	1129	1.2	0.1	<0.1	<2
KAS-01	Vegetation		63.325	3.503	0.2	54.3	1.8	1538	0.2	1.2	0.2	1357	<0.01	1.0	5.0	<0.1	1934	0.3	<0.1	<0.1	<2
KAS-02	Vegetation		63.033	2.034	0.5	108.0	6.4	3325	0.4	3.4	1.5	2165	0.15	1.3	1.0	0.2	1940	1.1	0.1	<0.1	<2
KAS-03	Vegetation		63.374	2.076	0.6	94.8	4.3	2574	0.3	12.2	3.2	7121	0.09	<0.5	<0.5	0.1	1490	1.8	0.1	<0.1	<2
KAS-04	Vegetation		63.839	1.994	0.6	114.8	5.1	1908	0.6	9.8	2.2	3402	0.03	0.7	1.0	0.1	1318	1.2	<0.1	<0.1	<2
KAS-05	Vegetation		63.696	1.931	0.5	136.0	5.3	2642	0.7	6.6	1.9	3747	<0.01	<0.5	<0.5	<0.1	1208	1.0	0.1	<0.1	<2
KAP-01	Vegetation		63.534	1.525	0.8	154.4	20.5	1555	0.5	28.3	9.7	6852	0.27	1.0	4.0	0.2	1979	1.0	0.3	<0.1	6
KAP-02	Vegetation		62.606	2.135	0.7	169.2	24.4	2046	0.3	28.2	7.1	4898	0.39	1.7	0.7	0.2	1722	1.5	0.3	<0.1	9
KAL-01	Vegetation		63.721	1.911	0.3	98.8	3.5	2685	0.3	3.5	1.9	2856	<0.01	0.8	0.8	<0.1	1385	0.4	<0.1	<0.1	<2
KAL-02	Vegetation		63.845	1.814	0.3	158.6	7.5	3525	0.9	2.5	1.5	1153	0.07	<0.5	2.0	<0.1	4052	0.6	0.1	<0.1	<2
KAL-03	Vegetation		62.563	3.057	0.4	45.6	5.5	2303	0.1	1.3	1.1	1267	0.06	<0.5	<0.5	0.1	2569	0.6	0.1	<0.1	<2
KAL-04	Vegetation		63.768	2.239	0.3	82.3	3.4	4037	0.2	0.7	0.5	1540	0.01	<0.5	<0.5	<0.1	3339	0.3	<0.1	<0.1	2
KAL-05	Vegetation		63.770	2.012	0.8	97.5	2.7	3168	0.2	1.9	2.2	3272	0.04	1.4	<0.5	<0.1	2359	0.4	<0.1	<0.1	<2
LBAR-01	Vegetation		63.552	2.285	0.7	115.4	3.5	1836	0.3	5.9	3.4	4152	<0.01	0.6	<0.5	0.1	1322	0.6	0.1	<0.1	<2
LBAR-02	Vegetation		63.998	2.077	0.7	105.1	5.4	1443	0.2	8.4	3.1	3236	0.07	0.6	<0.5	0.1	1016	0.7	0.1	<0.1	<2
LBAR-03	Vegetation		62.051	1.696	0.6	198.0	11.0	2576	0.7	6.3	5.0	5231	0.15	1.3	1.9	0.1	1300	1.1	0.2	<0.1	2
LBAR-04	Vegetation		63.788	1.390	0.7	147.7	15.4	2432	0.3	9.7	6.7	6931	0.14	0.6	1.9	0.1	1362	3.8	0.2	<0.1	2

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: December 18, 2013

CERTIFICATE OF ANALYSIS VAN13004960.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
OVEN-STD-1	Vegetation	28.44	2.746	2	5	2.50	258	0.014	297	0.15	0.065	9.77	0.3	<0.01	0.6	<0.1	1.31	<1	<0.5	<0.2
LSB-01	Vegetation	>40	0.340	<1	3	0.94	295	0.008	213	0.15	0.037	3.43	<0.1	<0.01	0.6	0.2	0.41	<1	<0.5	<0.2
LSB-02	Vegetation	>40	0.320	<1	2	0.60	2709	0.006	191	0.08	0.027	4.61	<0.1	<0.01	0.4	<0.1	0.41	<1	<0.5	<0.2
LSB-03	Vegetation	>40	0.307	<1	2	0.87	4001	0.005	184	0.12	0.023	5.13	<0.1	<0.01	0.3	<0.1	0.43	<1	<0.5	<0.2
LSB-04	Vegetation	37.87	0.391	1	5	1.01	2053	0.010	194	0.24	0.102	4.92	<0.1	<0.01	1.2	<0.1	0.49	<1	<0.5	<0.2
LSB-05	Vegetation	33.83	0.396	2	8	0.83	379	0.014	198	0.40	0.083	3.94	<0.1	<0.01	2.0	0.2	0.33	1	<0.5	<0.2
LSB-06	Vegetation	39.02	0.427	1	5	1.23	367	0.011	173	0.26	0.052	4.81	<0.1	<0.01	0.9	0.2	0.37	<1	1.0	<0.2
LSB-07	Vegetation	36.90	0.403	<1	3	0.86	1694	0.007	204	0.11	0.046	>10	<0.1	0.01	0.5	<0.1	0.47	<1	<0.5	<0.2
LSB-08	Vegetation	35.12	0.811	2	6	1.46	222	0.016	176	0.62	0.103	4.35	<0.1	<0.01	1.3	0.6	0.44	1	0.8	<0.2
LSB-09	Vegetation	38.41	0.860	1	4	1.71	198	0.011	307	0.45	0.114	8.54	<0.1	<0.01	1.0	0.4	0.54	<1	0.8	<0.2
LSB-10	Vegetation	>40	0.764	<1	3	2.00	269	0.009	383	0.13	0.051	6.94	<0.1	<0.01	0.6	<0.1	0.57	<1	<0.5	<0.2
LSB-11	Vegetation	39.51	0.569	<1	2	1.20	323	0.007	232	0.11	0.043	7.67	<0.1	<0.01	0.5	<0.1	0.50	<1	<0.5	<0.2
LSB-12	Vegetation	>40	0.359	<1	3	1.41	277	0.008	400	0.15	0.073	5.85	<0.1	<0.01	0.6	<0.1	0.47	<1	<0.5	<0.2
LSB-13	Vegetation	>40	0.512	<1	2	1.68	295	0.006	316	0.09	0.037	5.24	<0.1	<0.01	0.5	<0.1	0.51	<1	<0.5	<0.2
KAS-01	Vegetation	>40	0.192	<1	<1	0.69	2116	0.002	180	0.03	0.017	1.52	<0.1	<0.01	0.2	<0.1	0.40	<1	<0.5	<0.2
KAS-02	Vegetation	37.35	0.479	<1	3	1.04	295	0.009	329	0.15	0.116	>10	<0.1	<0.01	0.7	<0.1	0.65	<1	<0.5	<0.2
KAS-03	Vegetation	37.10	0.643	<1	3	1.31	462	0.008	317	0.20	0.062	8.72	<0.1	<0.01	0.5	<0.1	0.36	<1	<0.5	<0.2
KAS-04	Vegetation	>40	0.510	<1	2	1.08	392	0.006	261	0.11	0.048	6.30	<0.1	<0.01	0.4	<0.1	0.39	<1	<0.5	<0.2
KAS-05	Vegetation	>40	0.656	<1	2	1.19	370	0.005	306	0.11	0.055	9.02	<0.1	0.01	0.4	<0.1	0.49	<1	0.6	<0.2
KAP-01	Vegetation	35.17	1.235	1	4	2.41	144	0.014	245	0.46	0.161	8.30	<0.1	<0.01	0.9	0.4	0.87	<1	<0.5	<0.2
KAP-02	Vegetation	>40	1.039	2	5	1.58	163	0.016	139	0.36	0.069	2.96	<0.1	<0.01	1.2	0.2	0.73	1	0.6	<0.2
KAL-01	Vegetation	>40	0.344	<1	2	1.09	602	0.005	212	0.12	0.051	7.23	<0.1	<0.01	0.6	<0.1	0.40	<1	<0.5	<0.2
KAL-02	Vegetation	>40	0.424	<1	2	1.29	418	0.006	277	0.09	0.065	8.80	<0.1	<0.01	0.6	<0.1	0.46	<1	<0.5	<0.2
KAL-03	Vegetation	>40	0.283	<1	2	0.82	2810	0.006	201	0.09	0.037	3.31	<0.1	<0.01	0.5	<0.1	0.55	<1	<0.5	<0.2
KAL-04	Vegetation	>40	0.388	<1	2	1.29	705	0.005	237	0.07	0.046	6.32	<0.1	<0.01	0.6	<0.1	0.55	<1	0.6	<0.2
KAL-05	Vegetation	38.45	0.561	<1	2	1.12	301	0.006	328	0.09	0.057	>10	<0.1	<0.01	0.6	<0.1	0.63	<1	0.7	<0.2
LBAR-01	Vegetation	>40	0.369	<1	2	1.02	441	0.004	262	0.13	0.055	5.53	<0.1	<0.01	0.3	<0.1	0.50	<1	<0.5	<0.2
LBAR-02	Vegetation	>40	0.454	<1	2	1.13	320	0.007	246	0.15	0.042	5.11	<0.1	<0.01	0.6	<0.1	0.49	<1	0.8	<0.2
LBAR-03	Vegetation	>40	0.727	<1	3	1.23	223	0.009	266	0.18	0.077	9.13	<0.1	<0.01	0.7	<0.1	0.67	<1	0.6	<0.2
LBAR-04	Vegetation	>40	0.789	<1	2	1.42	281	0.008	300	0.25	0.094	4.58	<0.1	<0.01	0.6	<0.1	0.54	<1	0.9	<0.2

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Project: None Given
Report Date: December 18, 2013

CERTIFICATE OF ANALYSIS VAN13004960.1

	Method	VA475	VA475	VA475	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Rec. Wt	Ash Wt	shed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	g	g	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.001	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
LBAR-05	Vegetation		63.730	1.828	0.6	110.3	3.4	1887	0.2	2.1	1.0	2556	0.03	1.0	<0.5	<0.1	1202	0.2	<0.1	<0.1	<2
LBAR-06	Vegetation		63.186	1.495	1.0	170.7	7.5	2808	0.6	15.5	6.6	6152	0.13	1.8	1.9	0.1	1136	1.9	0.2	<0.1	2
LBAR-07	Vegetation		63.053	1.776	0.6	156.8	7.3	1565	0.4	11.4	5.4	5078	0.11	<0.5	<0.5	0.1	1202	1.0	0.2	<0.1	<2
LBAR-08	Vegetation		63.358	1.853	0.5	175.3	3.5	1707	0.2	3.0	1.9	2874	0.09	1.2	1.1	0.2	894	0.9	0.1	<0.1	<2
LBAR-09	Vegetation		63.158	1.694	0.4	132.0	5.1	2103	0.1	10.5	4.8	4609	0.06	0.8	1.7	<0.1	936	0.6	<0.1	<0.1	<2
LBAR-10	Vegetation		63.164	2.824	0.6	74.0	5.9	1341	0.2	6.8	3.0	3399	0.23	1.7	2.5	0.2	1628	0.9	0.2	<0.1	3
BLSS-01	Vegetation		63.575	2.100	0.7	112.6	10.1	1235	0.2	6.8	3.0	3810	0.16	1.7	2.6	0.1	1239	1.6	0.2	<0.1	3
BLSS-02	Vegetation		63.772	1.846	0.6	152.2	4.6	2526	0.3	6.6	1.5	2742	0.02	0.8	0.8	<0.1	947	2.0	<0.1	<0.1	<2
BLSS-03	Vegetation		63.500	2.703	0.6	88.9	4.6	1618	0.2	5.6	3.5	3000	0.03	1.3	0.7	<0.1	1277	2.3	<0.1	<0.1	<2
BLSS-04	Vegetation		63.717	2.387	0.4	61.6	3.1	2663	0.3	3.1	1.1	2388	0.03	1.6	<0.5	<0.1	1698	0.3	<0.1	<0.1	<2
BLSS-05	Vegetation		63.310	2.593	1.4	84.7	2.0	1493	0.3	3.6	0.8	1204	<0.01	1.7	0.7	<0.1	1445	0.1	<0.1	<0.1	<2
BLSS-06	Vegetation		63.761	2.059	2.2	122.3	5.8	2743	0.3	4.7	1.0	1052	0.09	1.3	0.7	0.1	1381	0.6	0.1	<0.1	3
BLSS-07	Vegetation		63.422	2.154	1.3	106.8	5.7	1925	0.3	9.1	2.5	3831	0.11	1.5	<0.5	0.1	1223	1.3	0.1	<0.1	2
BLSS-08	Vegetation		63.662	2.413	0.8	74.3	6.3	1723	0.2	10.6	3.5	5012	0.08	1.4	2.2	0.1	1651	1.0	0.1	<0.1	2
BLSS-09	Vegetation		63.661	2.189	0.6	71.6	3.5	1192	0.1	5.1	1.7	3109	<0.01	0.9	<0.5	<0.1	1308	1.0	<0.1	<0.1	<2
BLSS-10	Vegetation		63.373	1.735	1.3	123.7	2.6	2180	0.1	4.5	1.0	1962	<0.01	1.5	0.8	<0.1	946	0.8	<0.1	<0.1	<2
BLSS-11	Vegetation		63.112	2.364	0.7	90.8	2.1	1632	0.2	4.9	3.0	4032	<0.01	0.6	1.2	<0.1	1552	1.1	<0.1	<0.1	<2
BLSS-12	Vegetation		63.913	2.247	0.2	190.8	1.8	2705	1.0	2.7	0.5	1073	<0.01	2.3	<0.5	<0.1	1534	0.7	<0.1	<0.1	<2
BLSS-13	Vegetation		63.417	1.815	<0.1	88.3	2.0	2795	0.2	2.4	0.4	1591	<0.01	2.4	<0.5	<0.1	2173	0.9	<0.1	<0.1	<2
BLSS-14	Vegetation		63.588	1.694	0.2	151.2	4.1	3240	0.7	5.2	1.6	5308	0.03	1.0	<0.5	0.1	1326	25.7	<0.1	<0.1	<2
BLSS-15	Vegetation		62.901	1.101	0.2	173.2	3.0	4056	0.3	2.2	0.7	2748	<0.01	1.7	<0.5	<0.1	2046	0.7	<0.1	<0.1	<2
BLSS-16	Vegetation		63.857	1.563	0.2	208.1	3.6	3413	0.3	3.8	0.8	835	0.02	1.1	<0.5	<0.1	2107	0.5	0.1	<0.1	<2
BLSS-17	Vegetation		63.598	2.098	0.2	85.1	3.2	2298	0.5	2.9	1.0	2605	0.01	1.7	1.6	<0.1	1968	1.4	<0.1	<0.1	<2
BLSS-18	Vegetation		63.333	2.217	0.9	73.2	3.3	2234	0.3	2.8	1.4	3587	0.02	1.7	<0.5	<0.1	1184	0.5	<0.1	<0.1	<2
BLSS-19	Vegetation		63.564	2.761	0.7	52.2	2.3	2342	0.2	5.6	2.6	4389	0.02	1.1	<0.5	0.1	1108	1.5	<0.1	<0.1	<2
BLSS-20	Vegetation		63.481	2.229	0.4	53.4	2.6	2098	0.9	6.5	3.1	5263	0.03	0.8	<0.5	<0.1	1460	0.8	<0.1	<0.1	3
BLSS-21	Vegetation		63.448	1.412	0.8	160.2	4.2	2131	1.3	6.4	2.0	2906	0.03	1.5	<0.5	<0.1	996	2.2	<0.1	<0.1	<2
BLSS-22	Vegetation		63.169	2.132	0.1	79.0	4.3	2204	0.4	3.2	0.9	2235	<0.01	2.2	<0.5	0.1	1891	0.5	<0.1	<0.1	2
BLSS-23	Vegetation		63.323	2.349	5.5	240.3	20.8	1406	1.2	13.3	7.0	4469	0.58	4.1	4.6	0.8	1443	0.8	0.4	0.4	12
LKS-01	Vegetation		62.947	1.802	1.0	164.5	17.6	2435	0.3	25.2	7.0	4018	0.23	1.8	0.7	0.2	1421	2.5	0.2	<0.1	5

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: December 18, 2013

CERTIFICATE OF ANALYSIS VAN13004960.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
LBAR-05	Vegetation	39.52	0.572	<1	2	1.07	418	0.005	291	0.09	0.059	>10	<0.1	<0.01	0.7	<0.1	0.58	<1	<0.5	<0.2
LBAR-06	Vegetation	36.33	0.757	<1	3	2.04	201	0.008	345	0.22	0.084	9.44	<0.1	<0.01	0.6	<0.1	0.70	<1	0.9	<0.2
LBAR-07	Vegetation	>40	0.532	<1	2	1.87	216	0.006	310	0.15	0.071	6.70	<0.1	<0.01	0.6	<0.1	0.65	<1	0.6	<0.2
LBAR-08	Vegetation	34.43	0.535	<1	2	1.11	309	0.006	288	0.10	0.058	>10	<0.1	<0.01	0.6	<0.1	0.51	<1	0.5	<0.2
LBAR-09	Vegetation	34.62	0.504	<1	3	1.36	257	0.005	335	0.21	0.046	>10	<0.1	<0.01	0.5	<0.1	0.56	<1	<0.5	<0.2
LBAR-10	Vegetation	33.46	0.363	1	3	0.90	2148	0.009	187	0.19	0.084	4.41	<0.1	<0.01	0.9	<0.1	0.49	<1	<0.5	<0.2
BLSS-01	Vegetation	35.06	0.560	<1	3	0.88	330	0.007	158	0.25	0.061	3.39	<0.1	<0.01	0.4	0.2	0.33	<1	0.7	<0.2
BLSS-02	Vegetation	33.76	0.547	<1	1	1.23	487	0.004	260	0.06	0.062	9.50	<0.1	<0.01	0.2	<0.1	0.40	<1	0.6	<0.2
BLSS-03	Vegetation	37.04	0.487	<1	1	0.70	692	0.004	189	0.12	0.035	6.18	<0.1	<0.01	0.2	<0.1	0.40	<1	<0.5	<0.2
BLSS-04	Vegetation	39.95	0.262	<1	1	0.78	515	0.004	244	0.07	0.046	3.25	<0.1	<0.01	0.2	0.2	0.35	<1	<0.5	<0.2
BLSS-05	Vegetation	38.21	0.361	<1	1	0.58	409	0.003	204	0.06	0.035	3.57	<0.1	<0.01	0.2	<0.1	0.41	<1	<0.5	<0.2
BLSS-06	Vegetation	33.58	0.588	<1	2	0.66	1335	0.006	250	0.09	0.052	7.04	<0.1	<0.01	0.3	0.2	0.64	<1	<0.5	<0.2
BLSS-07	Vegetation	35.53	0.559	<1	2	1.08	412	0.007	258	0.13	0.056	5.17	<0.1	<0.01	0.5	<0.1	0.38	<1	<0.5	<0.2
BLSS-08	Vegetation	37.54	0.500	<1	2	0.96	383	0.006	193	0.13	0.040	3.44	<0.1	<0.01	0.4	<0.1	0.39	<1	0.7	<0.2
BLSS-09	Vegetation	36.58	0.379	<1	1	0.83	624	0.003	220	0.08	0.034	5.58	<0.1	<0.01	0.2	<0.1	0.36	<1	<0.5	<0.2
BLSS-10	Vegetation	39.39	0.452	<1	1	1.04	556	0.004	259	0.07	0.059	7.65	<0.1	<0.01	0.2	<0.1	0.47	<1	<0.5	<0.2
BLSS-11	Vegetation	39.35	0.374	<1	1	0.99	459	0.003	209	0.08	0.052	5.56	<0.1	<0.01	0.2	<0.1	0.37	<1	<0.5	<0.2
BLSS-12	Vegetation	39.57	0.456	<1	<1	0.86	489	0.003	263	0.04	0.037	6.44	<0.1	<0.01	0.1	<0.1	0.43	<1	<0.5	<0.2
BLSS-13	Vegetation	>40	0.255	<1	<1	0.87	431	0.002	228	0.02	0.019	1.76	<0.1	<0.01	0.1	<0.1	0.39	<1	<0.5	<0.2
BLSS-14	Vegetation	37.47	0.458	<1	2	1.11	389	0.004	264	0.06	0.077	5.49	<0.1	<0.01	0.2	<0.1	0.59	<1	<0.5	<0.2
BLSS-15	Vegetation	>40	0.445	<1	1	1.25	335	0.004	348	0.05	0.068	4.49	<0.1	<0.01	0.2	<0.1	0.53	<1	<0.5	<0.2
BLSS-16	Vegetation	38.63	0.424	<1	2	0.94	584	0.004	308	0.06	0.046	6.20	<0.1	<0.01	0.3	<0.1	0.46	<1	<0.5	<0.2
BLSS-17	Vegetation	>40	0.381	<1	2	0.67	395	0.004	169	0.08	0.050	3.45	<0.1	<0.01	0.2	<0.1	0.43	<1	<0.5	<0.2
BLSS-18	Vegetation	>40	0.316	<1	2	0.70	493	0.004	192	0.09	0.042	2.47	<0.1	<0.01	0.2	<0.1	0.39	<1	<0.5	<0.2
BLSS-19	Vegetation	>40	0.322	<1	2	1.05	297	0.004	247	0.09	0.081	4.45	<0.1	<0.01	0.3	<0.1	0.50	<1	<0.5	<0.2
BLSS-20	Vegetation	>40	0.333	<1	2	1.43	352	0.004	243	0.15	0.085	3.87	<0.1	<0.01	0.3	<0.1	0.46	<1	0.6	<0.2
BLSS-21	Vegetation	32.46	0.632	<1	1	0.99	480	0.005	295	0.08	0.074	>10	<0.1	<0.01	0.2	<0.1	0.46	<1	<0.5	<0.2
BLSS-22	Vegetation	>40	0.243	<1	2	0.63	569	0.004	196	0.08	0.050	3.77	<0.1	0.01	0.3	<0.1	0.37	<1	<0.5	<0.2
BLSS-23	Vegetation	27.81	0.493	3	9	1.24	462	0.021	155	0.46	0.179	8.23	0.4	<0.01	1.2	<0.1	0.34	2	<0.5	<0.2
LKS-01	Vegetation	35.89	0.731	1	4	1.88	198	0.011	181	0.22	0.066	4.73	<0.1	<0.01	0.6	<0.1	0.58	<1	<0.5	<0.2

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: December 18, 2013

CERTIFICATE OF ANALYSIS VAN13004960.1

	Method	VA475	VA475	VA475	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Rec. Wt	Ash Wt	shed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	g	g	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.001	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
LKS-02	Vegetation	5.00	63.483	1.839	2.3	210.6	7.2	1835	0.6	10.2	8.6	>10000	0.17	2.0	1.9	0.1	814	68.8	0.2	<0.1	3
LKS-03	Vegetation		60.943	1.813	1.2	103.2	3.2	3041	0.2	5.4	0.9	2679	0.06	1.2	5.0	<0.1	1199	2.0	<0.1	<0.1	<2
LKS-04	Vegetation		61.938	2.208	0.7	83.3	3.2	2489	0.7	1.6	0.8	1849	<0.01	1.4	<0.5	<0.1	1111	0.9	<0.1	<0.1	<2
LKS-05	Vegetation		63.809	1.623	0.6	223.1	5.8	3037	0.3	3.7	0.7	1085	0.05	1.5	0.7	<0.1	1025	0.9	<0.1	<0.1	2
LKS-06	Vegetation		60.050	1.331	0.9	208.5	5.7	3212	0.5	9.2	1.7	2536	0.13	1.6	0.9	0.1	1093	4.4	0.1	<0.1	3
LKS-07	Vegetation		67.089	2.362	0.1	65.0	2.2	2007	0.2	2.1	0.3	728	<0.01	1.3	<0.5	<0.1	2186	0.4	<0.1	<0.1	<2
LKS-08	Vegetation		63.869	2.268	1.0	75.0	3.6	1596	0.2	3.0	0.8	1921	<0.01	1.5	<0.5	<0.1	1274	0.5	<0.1	<0.1	<2
LKS-09	Vegetation		43.739	1.451	0.8	93.1	10.9	1458	0.3	7.5	3.0	4016	0.12	1.7	1.4	0.1	2534	3.4	0.1	<0.1	2
LKS-10	Vegetation		64.063	1.279	1.1	117.0	4.5	2234	0.1	6.0	1.5	4495	0.08	0.9	<0.5	<0.1	2800	1.6	0.1	<0.1	2
LKS-11	Vegetation		62.908	2.135	0.5	94.3	5.6	1578	0.3	3.9	1.3	2643	<0.01	<0.5	<0.5	<0.1	1479	0.9	<0.1	<0.1	<2
LKS-12	Vegetation		62.966	1.818	0.6	98.6	5.8	2210	0.2	5.2	2.2	3672	0.04	<0.5	<0.5	<0.1	2944	1.4	0.1	<0.1	<2
LKS-13	Vegetation		59.424	1.057	1.1	222.0	13.4	2888	0.7	32.9	7.5	8416	0.26	2.3	<0.5	0.2	1270	7.6	0.2	<0.1	7
LKS-14	Vegetation		63.464	1.168	1.2	175.1	6.4	2204	0.4	20.8	5.4	8102	0.32	1.7	5.5	0.2	946	3.3	0.2	<0.1	9
LKS-15	Vegetation		63.663	2.048	0.8	147.0	4.9	1894	0.8	8.2	2.1	1667	0.15	1.4	2.4	0.1	1435	0.9	0.2	<0.1	5
LKS-16	Vegetation		63.125	2.914	0.3	103.5	3.6	2260	0.3	3.3	1.2	972	0.09	1.1	1.5	0.2	2489	0.4	0.2	<0.1	<2
LKS-17	Vegetation		63.506	1.750	0.3	114.6	2.5	2955	0.4	3.3	1.7	2893	0.05	0.6	0.6	<0.1	1904	0.6	<0.1	<0.1	<2
LKS-18	Vegetation		63.377	2.216	0.4	91.7	7.3	4992	0.6	5.2	2.7	1793	0.18	0.9	2.0	0.2	1860	1.3	0.2	<0.1	<2
LKS-19	Vegetation		63.625	2.641	0.2	77.5	4.2	3706	0.5	3.1	1.5	2379	0.09	1.2	0.8	0.2	2052	0.8	0.2	<0.1	<2
LKS-20	Vegetation		62.740	1.712	0.3	90.7	3.3	2987	1.9	1.3	1.3	4636	0.03	<0.5	1.4	<0.1	1384	2.7	<0.1	<0.1	<2
LKS-21	Vegetation		63.471	2.293	0.7	97.4	1.8	3292	0.3	1.9	1.0	1349	0.08	1.7	<0.5	<0.1	1407	1.3	<0.1	<0.1	<2
LKS-22	Vegetation		63.291	1.839	0.5	149.0	4.8	2786	0.6	7.1	2.9	5049	0.15	0.6	2.4	0.2	1586	2.1	0.1	<0.1	<2
LKS-23	Vegetation		63.290	2.644	0.1	102.7	3.0	3641	0.8	3.7	1.3	2024	0.05	1.6	0.9	0.1	1855	0.6	<0.1	<0.1	<2
LBJ-01	Vegetation		63.130	2.111	1.1	98.7	4.3	1911	0.5	7.6	2.1	1991	0.13	0.9	2.4	0.1	1214	0.5	0.2	<0.1	<2
LBJ-02	Vegetation		63.378	1.913	1.9	109.9	5.6	1344	0.3	11.2	5.4	4622	0.23	0.8	3.2	0.3	1420	1.6	0.2	<0.1	<2
LBJ-03	Vegetation		63.511	2.393	0.4	72.8	3.1	1755	0.2	3.5	1.4	2976	0.07	0.6	0.8	0.1	1080	4.1	<0.1	<0.1	<2
LBJ-04	Vegetation		63.520	2.909	0.4	66.2	4.1	3284	0.2	3.1	1.8	1186	0.14	0.8	0.9	0.2	3071	0.3	0.2	<0.1	<2
LBJ-05	Vegetation		63.793	1.596	0.5	137.2	7.2	3349	0.4	3.7	2.3	2432	0.18	1.2	2.1	0.1	1867	1.1	0.2	<0.1	<2
LBJ-06	Vegetation		63.401	4.314	0.2	32.3	1.7	1202	<0.1	1.3	0.7	852	0.01	<0.5	<0.5	<0.1	2076	0.4	<0.1	<0.1	<2
LBJ-07	Vegetation		63.118	3.158	0.7	64.6	3.2	1542	0.5	2.7	1.5	736	0.06	<0.5	<0.5	0.1	2537	0.6	<0.1	<0.1	<2
LBJ-08	Vegetation		53.526	1.688	2.6	92.6	5.7	1423	0.2	7.3	2.9	4721	0.19	<0.5	10.9	0.1	1237	1.4	0.2	<0.1	<2

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Project: None Given
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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
LKS-02	Vegetation	34.31	1.567	<1	2	0.94	114	0.011	259	0.29	0.067	5.52	<0.1	0.01	0.5	1.2	0.96	1	0.5	<0.2
LKS-03	Vegetation	32.10	0.714	<1	2	1.04	412	0.006	240	0.07	0.035	>10	<0.1	<0.01	0.3	<0.1	0.62	<1	<0.5	<0.2
LKS-04	Vegetation	35.75	0.345	<1	<1	0.66	465	0.003	238	0.04	0.067	8.60	<0.1	<0.01	0.2	<0.1	0.38	<1	<0.5	<0.2
LKS-05	Vegetation	34.22	0.625	<1	1	0.69	314	0.005	312	0.07	0.052	8.54	<0.1	<0.01	0.4	<0.1	0.62	<1	<0.5	<0.2
LKS-06	Vegetation	32.35	1.116	<1	3	1.17	186	0.009	261	0.12	0.060	7.87	<0.1	<0.01	0.4	<0.1	0.69	<1	<0.5	<0.2
LKS-07	Vegetation	>40	0.265	<1	<1	0.49	2591	0.002	211	0.03	0.027	4.59	<0.1	<0.01	0.1	<0.1	0.43	<1	<0.5	<0.2
LKS-08	Vegetation	31.46	0.820	<1	1	0.86	445	0.005	209	0.06	0.037	8.66	<0.1	<0.01	0.2	<0.1	0.50	<1	<0.5	<0.2
LKS-09	Vegetation	34.46	0.669	<1	3	0.87	377	0.009	234	0.15	0.048	5.73	<0.1	<0.01	0.4	<0.1	0.59	<1	1.2	<0.2
LKS-10	Vegetation	29.61	0.603	<1	2	1.29	237	0.007	362	0.12	0.052	7.49	<0.1	<0.01	0.4	<0.1	0.50	<1	0.7	<0.2
LKS-11	Vegetation	34.82	0.381	<1	1	0.92	618	0.003	194	0.07	0.036	7.85	<0.1	<0.01	0.1	0.1	0.32	<1	<0.5	<0.2
LKS-12	Vegetation	33.91	0.554	<1	1	1.30	276	0.005	242	0.09	0.056	5.67	<0.1	<0.01	0.2	<0.1	0.44	<1	0.7	<0.2
LKS-13	Vegetation	31.12	1.495	1	4	1.64	110	0.014	281	0.36	0.069	4.80	<0.1	<0.01	0.7	<0.1	0.87	1	0.9	<0.2
LKS-14	Vegetation	24.15	1.541	<1	4	1.79	127	0.014	255	0.26	0.089	>10	<0.1	<0.01	0.9	<0.1	0.80	<1	<0.5	<0.2
LKS-15	Vegetation	35.72	0.687	<1	2	0.82	161	0.008	188	0.16	0.068	7.38	<0.1	<0.01	0.6	<0.1	0.47	<1	<0.5	<0.2
LKS-16	Vegetation	>40	0.263	<1	2	0.65	1059	0.005	189	0.10	0.061	4.50	<0.1	<0.01	0.5	<0.1	0.54	<1	<0.5	<0.2
LKS-17	Vegetation	36.06	0.583	<1	<1	1.36	169	0.004	364	0.09	0.073	8.88	<0.1	<0.01	0.4	<0.1	0.49	<1	<0.5	<0.2
LKS-18	Vegetation	38.60	0.339	<1	3	1.10	148	0.008	214	0.16	0.087	5.28	<0.1	<0.01	0.8	<0.1	0.53	<1	0.6	<0.2
LKS-19	Vegetation	>40	0.293	<1	2	0.82	223	0.005	201	0.11	0.073	3.65	<0.1	<0.01	0.5	<0.1	0.38	<1	<0.5	0.3
LKS-20	Vegetation	38.60	0.394	<1	1	0.76	301	0.004	272	0.07	0.050	5.36	<0.1	<0.01	0.3	<0.1	0.35	<1	<0.5	<0.2
LKS-21	Vegetation	27.24	0.476	<1	1	1.03	302	0.005	263	0.10	0.065	>10	<0.1	0.01	0.4	<0.1	0.55	<1	<0.5	<0.2
LKS-22	Vegetation	32.63	0.470	<1	2	1.22	161	0.007	190	0.28	0.122	7.99	<0.1	<0.01	0.7	<0.1	0.54	<1	<0.5	<0.2
LKS-23	Vegetation	38.66	0.228	<1	1	0.94	243	0.004	221	0.07	0.083	3.92	<0.1	<0.01	0.6	<0.1	0.38	<1	<0.5	0.2
LBJ-01	Vegetation	31.60	0.734	<1	2	0.96	154	0.008	265	0.15	0.085	>10	<0.1	<0.01	0.6	<0.1	0.58	<1	<0.5	<0.2
LBJ-02	Vegetation	35.60	0.584	1	4	1.01	146	0.010	234	0.29	0.124	6.65	<0.1	<0.01	0.9	<0.1	0.54	<1	<0.5	<0.2
LBJ-03	Vegetation	37.23	0.423	<1	2	0.78	248	0.005	220	0.12	0.065	6.12	<0.1	<0.01	0.6	<0.1	0.38	<1	<0.5	<0.2
LBJ-04	Vegetation	38.74	0.292	<1	2	0.96	675	0.007	213	0.14	0.103	4.21	<0.1	<0.01	0.6	<0.1	0.53	<1	0.6	<0.2
LBJ-05	Vegetation	34.39	0.656	<1	2	1.17	172	0.009	308	0.16	0.068	6.46	<0.1	<0.01	0.6	<0.1	0.59	<1	<0.5	<0.2
LBJ-06	Vegetation	38.78	0.557	<1	<1	0.61	1067	0.004	152	0.05	0.062	6.69	<0.1	<0.01	0.2	<0.1	0.42	<1	<0.5	<0.2
LBJ-07	Vegetation	>40	0.236	<1	2	0.69	1108	0.004	151	0.10	0.052	2.55	<0.1	<0.01	0.4	<0.1	0.47	<1	0.7	0.2
LBJ-08	Vegetation	34.85	0.727	<1	3	0.98	198	0.010	204	0.24	0.103	8.50	<0.1	<0.01	0.7	<0.1	0.40	<1	0.7	<0.2

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: December 18, 2013

CERTIFICATE OF ANALYSIS VAN13004960.1

	Method	VA475	VA475	VA475	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Rec. Wt	Ash Wt	shed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	g	g	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.001	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
OVEN-STD-1	Vegetation		18.070	0.504	0.8	41.6	6.5	1509	1.0	12.1	0.7	>10000	0.12	2.5	0.6	0.8	537	0.3	0.3	0.1	<2
LBJ-09	Vegetation		62.799	1.422	1.4	138.9	5.7	2637	0.3	8.7	2.9	4833	0.12	<0.5	1.2	<0.1	1244	0.6	0.1	<0.1	<2
LBJ-10	Vegetation		62.823	1.359	1.7	119.3	12.3	2507	0.4	9.9	4.2	3995	0.31	1.1	2.2	0.2	1464	2.1	0.2	<0.1	3
LBJ-11	Vegetation		62.404	1.898	1.2	99.2	6.6	1394	0.4	7.8	2.7	4825	0.10	<0.5	1.4	<0.1	1698	1.0	<0.1	<0.1	<2
LBJ-12	Vegetation		54.910	1.341	0.9	232.8	11.3	2908	0.7	11.7	4.3	1563	0.45	1.7	3.6	0.3	1600	2.1	0.3	<0.1	8
LBJ-13	Vegetation		63.903	1.463	0.5	282.6	5.9	1985	0.8	9.8	3.0	2432	0.18	1.3	2.3	0.1	1086	2.3	0.1	<0.1	3
LBJ-14	Vegetation		62.856	1.447	1.1	193.9	3.2	2687	0.3	7.1	1.7	3438	0.10	1.1	0.6	<0.1	1047	2.4	<0.1	<0.1	<2
LBJ-15	Vegetation		63.127	3.060	0.7	90.1	2.8	1454	0.5	5.0	1.4	2077	0.06	<0.5	<0.5	0.1	1661	0.4	<0.1	<0.1	<2
LBJ-16	Vegetation		63.710	2.505	1.7	101.3	4.3	1334	0.3	5.5	2.2	2222	0.14	1.1	<0.5	0.1	1131	2.2	0.2	<0.1	<2
LBJ-17	Vegetation		63.591	2.249	0.2	88.3	4.3	4013	0.2	3.4	1.6	1821	0.09	1.1	0.6	0.1	2857	0.6	<0.1	<0.1	<2
LBJ-18	Vegetation		62.966	1.933	1.0	177.1	3.2	1369	0.7	3.3	1.9	4011	0.05	<0.5	1.4	<0.1	1149	46.8	<0.1	<0.1	<2
LBJ-19	Vegetation		63.962	2.405	1.0	106.9	7.7	2278	0.7	9.1	2.4	4761	0.22	1.5	<0.5	0.2	898	2.2	0.1	<0.1	<2
LBJ-20	Vegetation		63.743	2.731	0.3	107.9	3.1	3561	0.7	2.5	1.3	2069	0.06	<0.5	1.2	0.1	1666	0.6	<0.1	<0.1	<2
LBJ-21	Vegetation		62.779	1.755	1.4	132.0	2.7	2291	0.1	4.0	1.5	2099	0.06	<0.5	2.3	<0.1	1008	1.1	<0.1	<0.1	<2
LBJ-22	Vegetation		63.049	2.242	6.4	279.7	24.6	1567	1.7	15.3	7.4	4374	0.71	3.1	126.0	0.8	1467	0.4	0.4	0.6	15

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Client: **Kreft, Bernie**
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Project: None Given
Report Date: December 18, 2013

CERTIFICATE OF ANALYSIS VAN13004960.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
OVEN-STD-1	Vegetation	27.93	2.497	2	5	2.21	108	0.012	342	0.16	0.187	9.77	0.3	<0.01	0.6	0.4	1.58	1	<0.5	<0.2
LBJ-09	Vegetation	32.52	0.540	<1	2	0.95	204	0.006	311	0.13	0.108	>10	<0.1	<0.01	0.6	<0.1	0.48	<1	<0.5	<0.2
LBJ-10	Vegetation	34.89	0.735	1	4	1.43	101	0.013	258	0.29	0.154	4.11	<0.1	<0.01	1.2	<0.1	0.68	1	<0.5	<0.2
LBJ-11	Vegetation	37.69	0.525	<1	2	0.74	163	0.007	228	0.15	0.120	6.77	<0.1	<0.01	0.6	<0.1	0.47	<1	0.6	<0.2
LBJ-12	Vegetation	31.22	1.250	2	5	1.05	83	0.017	262	0.33	0.157	6.20	<0.1	<0.01	1.5	<0.1	1.01	1	0.7	<0.2
LBJ-13	Vegetation	30.20	0.975	<1	2	1.10	145	0.010	273	0.19	0.121	>10	<0.1	<0.01	0.7	<0.1	0.61	<1	0.6	<0.2
LBJ-14	Vegetation	28.83	0.727	<1	2	1.33	158	0.006	300	0.10	0.090	>10	<0.1	<0.01	0.5	<0.1	0.54	<1	<0.5	<0.2
LBJ-15	Vegetation	>40	0.288	<1	1	0.64	320	0.005	169	0.10	0.079	4.66	<0.1	0.01	0.6	<0.1	0.29	<1	<0.5	<0.2
LBJ-16	Vegetation	36.45	0.574	<1	2	0.83	136	0.008	177	0.15	0.113	9.78	<0.1	<0.01	0.9	<0.1	0.65	<1	<0.5	<0.2
LBJ-17	Vegetation	37.37	0.348	<1	2	1.07	193	0.005	272	0.10	0.101	4.88	<0.1	<0.01	0.5	<0.1	0.52	<1	<0.5	0.2
LBJ-18	Vegetation	37.31	0.675	<1	<1	0.79	192	0.004	299	0.06	0.091	5.92	<0.1	<0.01	0.3	<0.1	0.74	<1	<0.5	<0.2
LBJ-19	Vegetation	37.02	0.622	1	4	0.94	164	0.011	213	0.26	0.095	4.91	<0.1	<0.01	1.1	0.2	0.63	<1	<0.5	<0.2
LBJ-20	Vegetation	39.62	0.244	<1	1	0.94	196	0.004	229	0.08	0.096	3.99	<0.1	<0.01	0.4	<0.1	0.36	<1	0.7	<0.2
LBJ-21	Vegetation	35.82	0.426	<1	<1	1.02	282	0.004	262	0.08	0.084	7.20	<0.1	<0.01	0.3	<0.1	0.46	<1	<0.5	<0.2
LBJ-22	Vegetation	27.77	0.526	3	9	1.36	207	0.025	152	0.55	0.183	7.20	0.5	<0.01	1.6	0.3	0.36	1	<0.5	<0.2

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Submitted By: Bernie Kreft
Receiving Lab: Canada-Vancouver
Received: November 21, 2013
Report Date: December 09, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN13004964.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 10

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	10	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX1	10	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

ADDITIONAL COMMENTS

Invoice To: Kreft, Bernie
1 Locust Place
Whitehorse YT Y1A 5G9
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval, preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"**" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Kreft, Bernie**
1 Locust Place
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Project: None Given
Report Date: December 09, 2013

CERTIFICATE OF ANALYSIS VAN13004964.1

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
LBR-01	Rock	0.41	0.5	8.6	19.0	51	<0.1	5.4	7.3	393	2.18	1.3	3.2	8.3	122	0.1	0.3	0.1	52	0.46	0.082
LBR-02	Rock	0.21	0.2	8.6	10.5	42	<0.1	6.1	6.4	499	2.24	2.7	1.6	7.9	76	<0.1	0.1	<0.1	49	0.96	0.086
LBR-03	Rock	0.24	0.5	13.0	20.1	38	<0.1	6.0	6.6	414	1.97	0.9	2.5	4.6	62	<0.1	0.3	0.1	51	1.21	0.092
LBR-04	Rock	0.43	0.6	10.4	12.8	48	<0.1	8.0	8.0	641	2.29	1.3	4.5	4.4	92	<0.1	0.3	<0.1	61	1.61	0.096
LBR-05	Rock	0.24	1.7	1.7	23.5	24	<0.1	0.4	<0.1	40	0.42	1.4	4.0	6.4	5	<0.1	0.3	<0.1	<2	0.02	0.012
LBR-06	Rock	0.44	1.9	5.0	6.0	40	0.1	0.8	1.3	341	1.19	1.6	<0.5	36.3	4	0.2	0.1	6.6	10	0.08	0.024
LROK-01	Rock	0.50	0.2	4.2	5.4	11	<0.1	1.7	1.5	302	0.52	3.8	2.8	2.1	382	0.1	0.3	0.1	<2	6.50	0.013
LROK-02	Rock	0.33	0.5	5.1	5.0	16	<0.1	3.6	1.5	237	0.98	2.4	5.1	2.0	75	<0.1	0.3	<0.1	<2	2.06	0.017
LROK-03	Rock	0.20	1.9	32.8	6.3	12	<0.1	3.9	2.8	72	1.61	1.3	5.1	6.1	75	<0.1	0.2	0.3	20	0.56	0.088
LROK-04	Rock	0.59	2.5	42.9	2.5	14	<0.1	7.6	7.0	74	1.62	0.6	13.4	7.4	126	0.1	0.2	0.2	19	0.66	0.085

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: December 09, 2013

CERTIFICATE OF ANALYSIS VAN13004964.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
LBR-01	Rock	21	7	0.41	197	0.127	<20	0.78	0.080	0.08	1.1	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
LBR-02	Rock	23	8	0.48	163	0.117	<20	1.24	0.093	0.14	1.3	<0.01	1.7	<0.1	<0.05	9	<0.5	<0.2
LBR-03	Rock	21	10	0.53	913	0.140	<20	0.97	0.090	0.10	1.0	<0.01	2.0	<0.1	<0.05	9	<0.5	<0.2
LBR-04	Rock	25	13	0.87	268	0.126	<20	1.02	0.077	0.12	0.8	<0.01	3.6	<0.1	0.05	9	<0.5	<0.2
LBR-05	Rock	3	2	<0.01	40	<0.001	<20	0.19	0.052	0.13	0.3	0.02	0.2	<0.1	<0.05	<1	0.8	<0.2
LBR-06	Rock	29	3	0.15	36	0.057	<20	0.52	0.046	0.30	0.7	<0.01	3.1	0.4	<0.05	3	<0.5	<0.2
LROK-01	Rock	6	2	0.06	60	<0.001	<20	0.14	0.019	0.12	0.3	<0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
LROK-02	Rock	6	3	0.09	42	<0.001	<20	0.16	0.035	0.08	0.2	0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
LROK-03	Rock	25	9	0.22	98	0.081	<20	0.77	0.096	0.09	9.9	<0.01	1.2	<0.1	0.20	5	<0.5	<0.2
LROK-04	Rock	26	10	0.23	83	0.062	<20	0.89	0.162	0.12	3.7	<0.01	1.3	<0.1	0.66	6	<0.5	<0.2

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To: KREFT, BERNIE
#1 LOCUST PLACE
WHITEHORSE YT Y1A 5C4

Finalized Date: 27- SEP- 2013
Account: KREBER

CERTIFICATE VA13171873

Project:

P.O. No.:

This report is for 15 Rock samples submitted to our lab in Vancouver, BC, Canada on 23- SEP- 2013.

The following have access to data associated with this certificate:

BERNIE KREFT		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30g FA- AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

$\frac{10}{15}$ = Laberge Recce

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: KREFT, BERNIE
#1 LOCUST PLACE
WHITEHORSE YT Y1A 5C4

Finalized Date: 27- SEP- 2013
Account: KREBER

CERTIFICATE OF ANALYSIS VA13171873

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
ZENR-01		0.94	[redacted]	<0.2	0.16	9	<10	390	<0.5	<2	0.06	1.0	4	17	4	0.89
ZENR-02		0.54		0.2	0.21	80	<10	40	<0.5	<2	0.02	2.1	4	11	10	3.05
ZENR-03		0.72		0.4	1.41	18	<10	200	<0.5	<2	0.30	0.7	38	1005	17	4.80
ZENR-04		0.74		<0.2	0.14	4	<10	1660	<0.5	<2	0.95	<0.5	1	15	3	0.75
ZENR-05		0.16		<0.2	1.43	32	<10	80	<0.5	<2	5.68	<0.5	34	929	4	3.33
REP-01		0.04	<0.005	<0.2	1.31	4	<10	140	<0.5	<2	0.28	<0.5	6	14	4	1.35
REP-02		0.34	<0.005	<0.2	0.38	<2	<10	60	<0.5	<2	1.87	<0.5	2	10	<1	0.80
REP-03		0.24	<0.005	<0.2	0.60	69	<10	110	<0.5	<2	3.84	<0.5	7	4	10	1.76
REP-04		0.36	<0.005	<0.2	0.92	<2	<10	160	<0.5	<2	0.46	<0.5	7	26	4	1.77
REP-05		0.24	0.019	0.3	0.64	7	<10	430	<0.5	<2	4.29	<0.5	27	130	76	4.13
REP-06		0.30	<0.005	0.3	0.35	104	<10	80	<0.5	<2	1.19	<0.5	<1	2	2	0.93
REP-07		0.24	<0.005	0.5	3.16	2	<10	80	<0.5	<2	2.65	<0.5	25	5	188	5.26
REP-08		0.48	<0.005	0.2	2.07	2	<10	60	<0.5	<2	1.08	<0.5	27	87	708	6.80
REP-09		0.44	<0.005	0.3	1.83	3	<10	50	<0.5	<2	4.53	0.5	31	25	665	2.92
REP-10		0.58	0.025	3.8	0.90	5	<10	40	<0.5	<2	3.13	2.1	53	11	5050	2.49

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WHITEHORSE YT Y1A 5C4

Finalized Date: 27- SEP- 2013
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CERTIFICATE OF ANALYSIS VA13171873

Sample Description	Method / Analyte / Units / LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
ZENR- 01		<10	<1	0.02	<10	0.09	222	8	<0.01	29	20	28	0.01	<2	1	4
ZENR- 02		<10	<1	0.03	<10	0.10	287	118	<0.01	10	60	98	0.01	<2	1	4
ZENR- 03		<10	<1	0.07	10	1.35	1755	<1	<0.01	808	80	22	<0.01	<2	14	21
ZENR- 04		<10	<1	0.04	<10	0.10	176	1	<0.01	12	480	14	0.05	<2	1	30
ZENR- 05		<10	<1	0.01	<10	5.22	1485	<1	<0.01	661	20	6	<0.01	<2	9	302
REP- 01		<10	<1	0.17	10	0.13	329	<1	0.10	10	490	6	<0.01	<2	2	31
REP- 02		<10	<1	0.09	10	0.17	203	<1	0.05	6	400	5	<0.01	<2	1	59
REP- 03		<10	<1	0.09	<10	0.12	504	<1	0.01	7	40	4	<0.01	4	4	77
REP- 04		<10	<1	0.47	20	0.65	436	<1	0.08	16	680	22	<0.01	<2	3	53
REP- 05		<10	<1	0.07	<10	2.64	1205	<1	0.07	66	180	2	0.46	<2	22	69
REP- 06		<10	<1	0.24	30	0.10	188	1	0.02	<1	410	34	<0.01	<2	1	31
REP- 07		10	1	0.15	<10	0.30	201	<1	0.35	11	1330	2	3.47	<2	6	122
REP- 08		10	<1	0.21	<10	1.08	184	21	0.08	66	800	3	1.81	<2	13	37
REP- 09		<10	<1	0.04	<10	2.31	534	<1	0.06	31	320	<2	0.04	<2	15	57
REP- 10		<10	<1	0.02	<10	1.16	305	<1	0.03	41	160	<2	0.30	<2	8	42

***** See Appendix Page for comments regarding this certificate *****

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To: KREFT, BERNIE
#1 LOCUST PLACE
WHITEHORSE YT Y1A 5C4

Finalized Date: 27- SEP- 2013
Account: KREBER

CERTIFICATE OF ANALYSIS VA13171873

Sample Description	Method / Analyte / Units / LOR	ME- ICP41 Th ppm 20	ME- ICP41 Tl % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
ZENR- 01		<20	<0.01	<10	<10	3	<10	46
ZENR- 02		<20	<0.01	<10	<10	3	<10	88
ZENR- 03		<20	<0.01	<10	<10	58	<10	98
ZENR- 04		<20	<0.01	<10	<10	3	<10	19
ZENR- 05		<20	<0.01	<10	<10	70	<10	44
REP- 01		<20	<0.01	<10	<10	18	<10	14
REP- 02		<20	<0.01	<10	<10	9	<10	9
REP- 03		<20	<0.01	<10	<10	49	<10	29
REP- 04		20	0.16	<10	<10	43	<10	70
REP- 05		<20	<0.01	<10	<10	115	<10	46
REP- 06		<20	<0.01	<10	<10	1	<10	36
REP- 07		<20	0.18	<10	<10	77	<10	16
REP- 08		<20	0.16	<10	<10	208	<10	15
REP- 09		<20	0.12	<10	<10	99	<10	56
REP- 10		<20	0.07	<10	<10	63	<10	171

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Finalized Date: 27- SEP- 2013
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CERTIFICATE OF ANALYSIS VA13171873

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA23	CRU- 31	CRU- QC	LOG- 22
ME- ICP41	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

1 Laberge Recce Soil

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To: KREFT, BERNIE
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WHITEHORSE YT Y1A 5C4

Finalized Date: 27- SEP- 2013
Account: KREBER

CERTIFICATE VA13171872

Project:
P.O. No.:
This report is for 12 Soil samples submitted to our lab in Vancouver, BC, Canada on 23- SEP- 2013.
The following have access to data associated with this certificate:

BERNIE KREFT		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30g FA- AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

1/12 = Laberge Recce

To: KREFT, BERNIE
#1 LOCUST PLACE
WHITEHORSE YT Y1A 5C4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 27- SEP- 2013
Account: KREBER

CERTIFICATE OF ANALYSIS VA13171872

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
ZEN-01		0.46	[redacted]	0.3	1.95	57	<10	220	<0.5	<2	0.58	<0.5	28	116	47	4.22
ZEN-02		0.46		0.3	1.94	59	<10	170	<0.5	2	0.45	<0.5	28	120	55	4.10
ZEN-03		0.38		0.2	2.34	105	<10	260	<0.5	2	0.31	<0.5	25	105	51	4.55
ZEN-04		0.30		<0.2	2.91	54	<10	210	<0.5	3	0.24	<0.5	33	184	83	5.80
ZEN-05		0.26		0.3	2.84	50	<10	300	<0.5	<2	0.72	<0.5	40	227	73	6.58
ZEN-06		0.38		<0.2	2.24	34	<10	290	0.5	2	0.18	<0.5	17	66	30	3.64
ZEN-07		0.36		0.2	1.80	34	<10	350	0.5	<2	0.20	<0.5	14	13	45	4.79
ZEN-08		0.34		<0.2	1.64	15	<10	200	<0.5	<2	0.24	0.6	10	5	15	3.13
ZEN-09		0.32		<0.2	1.84	10	<10	220	0.5	<2	0.14	<0.5	11	13	22	3.18
ZEN-10		0.38		<0.2	1.50	98	<10	260	<0.5	<2	0.15	<0.5	9	4	14	3.06
ZEN-11		0.32		<0.2	2.15	15	<10	360	<0.5	2	0.14	<0.5	12	16	23	3.73
LAB-01		0.28	<0.005	<0.2	2.22	4	10	170	<0.5	<2	0.74	<0.5	14	49	25	3.25

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Finalized Date: 27- SEP- 2013
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CERTIFICATE OF ANALYSIS VA13171872

Sample Description	Method / Analyte / Units / LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
ZEN- 01		10	<1	0.06	20	1.39	776	<1	<0.01	101	630	18	<0.01	<2	11	25
ZEN- 02		<10	<1	0.06	20	1.41	782	<1	<0.01	106	650	25	<0.01	<2	12	26
ZEN- 03		10	<1	0.05	20	1.38	827	<1	<0.01	96	530	14	<0.01	<2	14	17
ZEN- 04		10	<1	0.04	20	2.14	1050	<1	<0.01	164	460	11	<0.01	<2	23	14
ZEN- 05		10	<1	0.05	10	2.27	1605	<1	<0.01	220	740	17	<0.01	<2	24	34
ZEN- 06		10	<1	0.06	20	1.06	658	1	<0.01	64	330	40	<0.01	<2	7	14
ZEN- 07		<10	<1	0.08	30	0.90	1330	2	<0.01	29	400	31	<0.01	<2	6	14
ZEN- 08		10	<1	0.10	30	0.58	473	<1	<0.01	4	1030	51	<0.01	<2	4	13
ZEN- 09		10	<1	0.08	20	0.71	428	<1	<0.01	10	640	34	<0.01	<2	4	14
ZEN- 10		<10	<1	0.14	30	0.48	441	<1	<0.01	2	720	22	0.01	<2	4	19
ZEN- 11		10	<1	0.12	30	0.99	536	<1	<0.01	13	730	14	<0.01	<2	5	9
LAB- 01		10	<1	0.14	10	0.84	549	<1	0.01	29	140	4	<0.01	<2	12	26

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Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
ZEN-01		<20	0.01	<10	<10	63	<10	71
ZEN-02		<20	0.01	<10	<10	67	<10	74
ZEN-03		<20	0.01	<10	<10	72	<10	73
ZEN-04		<20	0.01	<10	<10	100	<10	76
ZEN-05		<20	0.01	<10	<10	121	<10	83
ZEN-06		<20	0.01	<10	<10	66	<10	85
ZEN-07		<20	<0.01	<10	<10	19	<10	70
ZEN-08		<20	0.01	<10	<10	31	<10	167
ZEN-09		<20	0.02	<10	<10	45	<10	64
ZEN-10		<20	0.01	<10	<10	27	<10	64
ZEN-11		<20	0.01	<10	<10	45	<10	72
LAB-01		<20	0.12	<10	<10	105	<10	40

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CERTIFICATE OF ANALYSIS VA13171872

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA23	LOG- 22	ME- ICP41	SCR- 41
WEI- 21			