

**PROSPECTING, GEOCHEMICAL AND PROSPECTOR DRILLING
TECHNICAL WORK REPORT
FOR WORK CARRIED OUT IN
2014 ON THE STUMP PROPERTY**

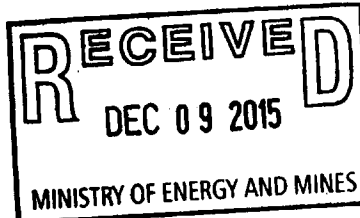
**KAMLOOPS MINING DIVISION
NTS: 0920I/08W**

**CLAIM # 836726, 836914, 845115, 845119, 845120, 928689,
928691, 928692, 941419, 941426, 1013965, 1025392**

**OWNER AND OPERATOR: JEREMY MARLOW
KAMLOOPS BC**

AUTHOR: JEREMY MARLOW

**REPORT SUBMITTED APRIL 2015
AMMENDED DECEMBER 2015**



Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: TECHNICAL WORK, DRILLING, GEOCHEMICAL, PROS TOTAL COST: \$25705.78

AUTHOR(S): JEREMY MARLOW

SIGNATURE(S): 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): _____

YEAR OF WORK: 2014

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5538045

PROPERTY NAME: STUMP

CLAIM NAME(S) (on which the work was done): WEST

COMMODITIES SOUGHT: COPPER, GOLD, MOLYBDENUM, SILVER, BISMUTH

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: _____

MINING DIVISION: KAMLOOPS

NTS/BCGS: 09201/08W

LATITUDE: -120 ° 26 '9W " LONGITUDE: 50 ° 24 '30.2N " (at centre of work)

OWNER(S):

1) J. MARLOW

2) _____

MAILING ADDRESS:

PO BOX 1472

KAMLOOPS BC V2C6L8

OPERATOR(S) [who paid for the work]:

1) SAME AS ABOVE

2) _____

MAILING ADDRESS:

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

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: _____

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1. Introduction

19th century prospectors looked for and found vein mineralization in “easy to process” forms, usually within carbonate envelopes, of gold, silver, copper and other metals sought after at different times. Most of the minerals were reduced naturally to a higher grade but miners had to follow ore shoots underground and eventually mined out the easily processed materials. As the deposits were mined out of higher grade mineralization, processes evolved to extract the “hard to process” lower grade larger tonnage ores. I.e: Chalcocite to Chalcopyrite.

It's happened multiple times in history, whether it is economic factors, scientific breakthroughs, geo-science evolution, or just plain common sense that learns, different standards to study, search, or simply question the way it works in a changing environment progressing ahead.

Some deposits described as 'epithermal' formed at relatively high temperatures and deep crustal levels. Some low sulphidation quartz-sulphide gold +/- copper formed as deeper crustal levels are transitional to porphyry Cu-Au deposits. Thus, there is a transition between porphyry and epithermal gold deposits, particularly in low sulphidation systems. Although in many instances associated with sub-volcanic intrusions, low sulphidation epithermal systems formed in magmatic arc environments (including rifts) could be above the level of formation of porphyry Cu-Au deposits.

Abstract from these two authors

Distinguishing intrusion-related from orogenic gold systems

C.J.R. Hart and R.J. Goldfarb

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Abstract

Reduced intrusion-related gold deposits have become a new, low-grade, large-tonnage exploration target during the last decade. The best recognized examples of such deposits are recognized throughout the Tintina Gold Province of the northern North American Cordillera. Because such examples may have many features in common with orogenic gold deposits, such as anomalous Bi, W, and Te, low salinity and CO₂-rich ore fluids, and a spatial/temporal association with igneous rocks, confusion and controversy have now become commonplace in classification of many gold deposits formed along convergent margins. The best discriminators of IRGS are likely to be their: (1) regional location in deformed shelf sequences on the inboard side of a series of accreted terranes and within terranes that also contain important tin and/or tungsten deposits; (2) local spatial association of gold ores with cupolas and contact aureoles of relatively-reduced, alkaline-leaning, and volatile-rich plutons; (3) post-deformational timing of gold deposition; (4) extremely low sulfide content (commonly <1 vol. %) of ores within igneous bodies and the outward zoning, through proximal skarns and to distal base metal-rich veins, from the causative pluton; and (5) low grades (<1 g/t Au) of auriferous sheeted vein systems in pluton cupolas.

2. Location, Access And Physiography

The Property is located northwest of Stump Lake, approximately 45km's south of Kamloops, B.C on highway 5A within the South Central Mining district on NTS map sheet 0920I/08W.

Located along the north-west end of stump Lake, the property can be accessed via Highway 5A which locally passes through the south eastern margin of the claim boundary. Long Lake Road located 2km north of Stump Lake can be used to gain access to Anderson Lake and the western region of the claim boundary. Once on the property, a network of logging roads and trails allows for easy access to most regions of the claims. A north-south trending pipeline (owned by Kinder Morgan) passes alongside Anderson Lake and allows for further access to the more remote regions of the property. The nearby city of Kamloops is a full service city with the resources to facilitate all phases of an exploration project. In addition, the Kamloops airport offers daily air service to and from Vancouver, Edmonton, Calgary and Kelowna.

The Property is located within the Nicola Valley of the Intermontane belt. The topography of the property is relatively subdued and generally comprised of gently rolling hills. Local elevations range from 1050m to 1200m. Lower topographic regions of the property are predominantly comprised of grasslands. As elevation increases to the west the vegetation transitions to a Douglas fir and Ponderosa pine dominated environment.

The climate around Stump Lake is characterised as being a semi-arid environment, with summer temperatures of generally 10-26 degrees and winter temperatures of -14 to -1 Celsius. On average, the region receives an annual rainfall of 23mm, the majority of which occurs in the spring and fall months. Winter months receive an average of only 83cm of snow.

3. Ownership And Status

The claims are owned and operated by Jeremy Marlow of Kamloops, BC. The claims are in good status until January 2016.

4. Regional Geology

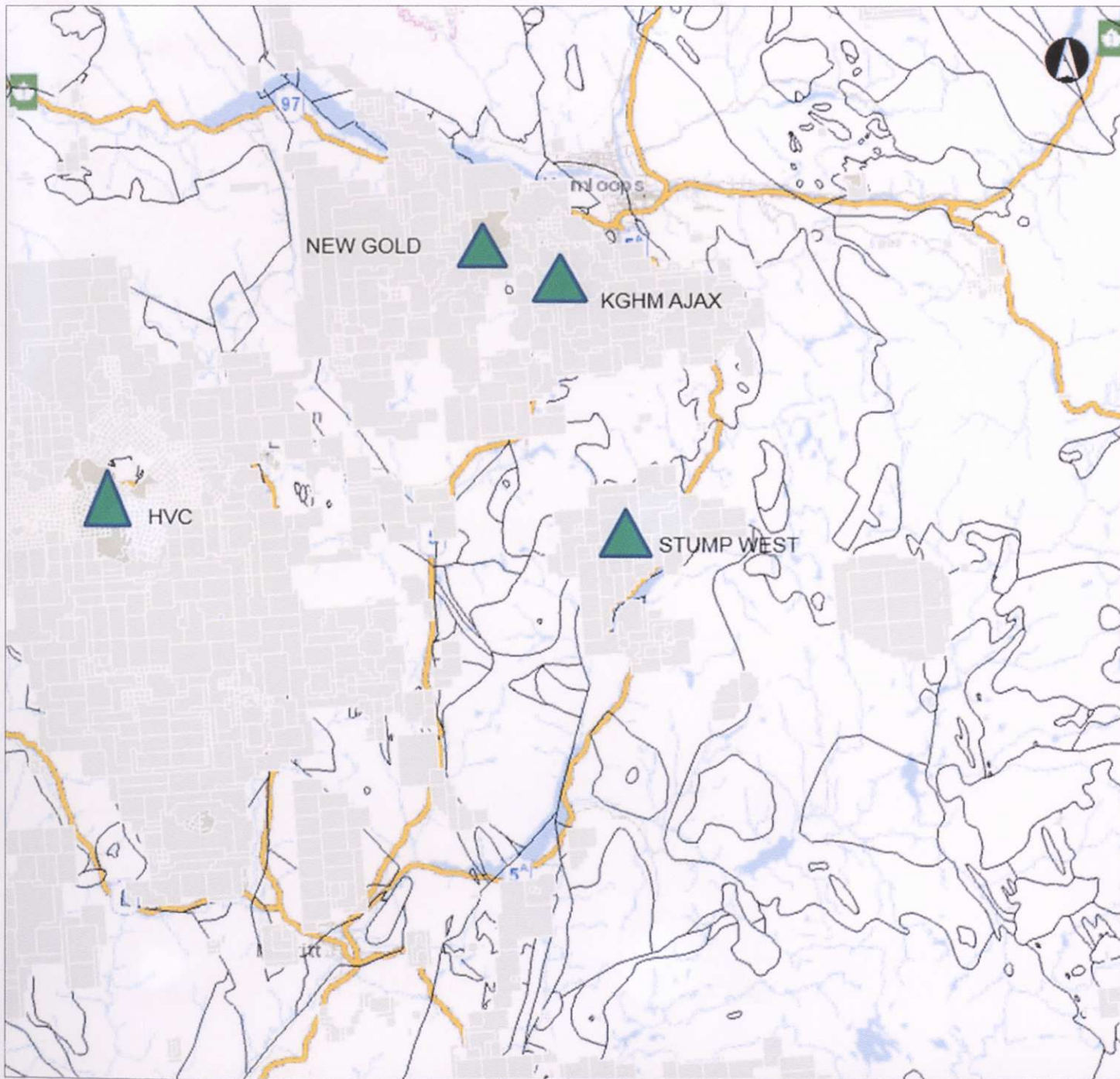
The Property occurs within the Intermontane Belt, a low lying north-northwest striking region which lies between the rugged Coast Belt and the Omineca Belt. This former Island arc was accreted to present day North America about 180-175 million years ago, and is regionally comprised of weakly metamorphosed island arcs and ocean basins (Mathews and Monger, 2005). These three belts in part comprise the Quesnellia Terrain. The region around Stump Lake is underlain by late Triassic arc-volcanics and sedimentary units designated to the Nicola group. Facies changes within these units are indicative of a depositional setting which rapidly fluctuated between a sub-areal and sub-aqueous environment. Shortly after deposition, the Nicola group was intruded by both coeval Triassic and Jurassic plutons (Moore et al, 1990). In the mid Jurassic the Nicola group was then obducted onto present day western North America resulting in moderate to steeply dipping fabric (Lindinger, 1996). Locally this fabric is cut and displaced by west and south dipping thrust faults. The metamorphic grade of the units is of lower greenschist type.

During the Tertiary period substantial faulting occurred creating the present day Nicola Horst, located on the west side of the property. This north trending horst contains fault bounded black schist which has been metamorphosed to Amphibolite facies along with lesser altered metagabbros and granites. The Paleocene aged Rocky Gulch granodiorite is the only unit to have not undergone deformation (Moore et al, 1990).

Presently much of the region is covered in glacial till dating back to the Pleistocene glaciations along with post glacial sediments.

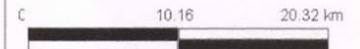
5. Local Geology

Five rock types dominate the immediate geology of the Stump Lake property. These rock types are assigned to the Triassic Nicola group volcanics and volcanoclastics to the east, and the Tertiary Nicola Horst group to the west. The Tertiary aged, north striking Moore Creek fault separates these two units. The oldest rocks underlying the Property are the late Triassic Nicola group volcanics which occur east of the Moore Creek fault. This group can be further subdivided into coevally deposited, intercalated Andesite, Ignimbrite (Volcaniclastic) and Basalt. Volcaniclastics are the most pervasive lithology present amongst the Nicola group volcanics and can be characterized as very coarse grained with an excellent volcaniclastic texture, unaltered, moderately magnetic, and often containing plagioclase and hornblende phenocrysts up to 2-3mm wide. In the field the volcaniclastic unit is strongly weathered and appears



STUMP WEST
LOCATION WITH
CLAIMS

- Legend**
- Coal Leases
 - Coal Licenses
 - Mining Leases
 - Mineral Claims
 - Placer Leases
 - Placer Claims
 - Coal License Applications
 - Geological Bedrock - Outline
 - Geological Bedrock - Colour
- AGE_GROUP
- Age Unknown
 - Age Unknown_intrusive rocks
 - Age Unknown_metamorphic rock
 - Cenozic_intrusive rocks



1: 500,000

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Datum: NAD83
Projection: NAD_1983_BC_Environment_Albers

Key Map of British Columbia





Legend

Major Cities (1:2,000,000)

FCODE

- District Municipality
- ▲ Village
- City
- △ Village - Unincorporated
- Town

Transportation - Roads, Rail (1:2,000,000)

FCODE

- Ferry Route
- Road - Trunk
- Road - Main
- Road - Local
- Rail

0 5.08 10.16 km



1: 250,000

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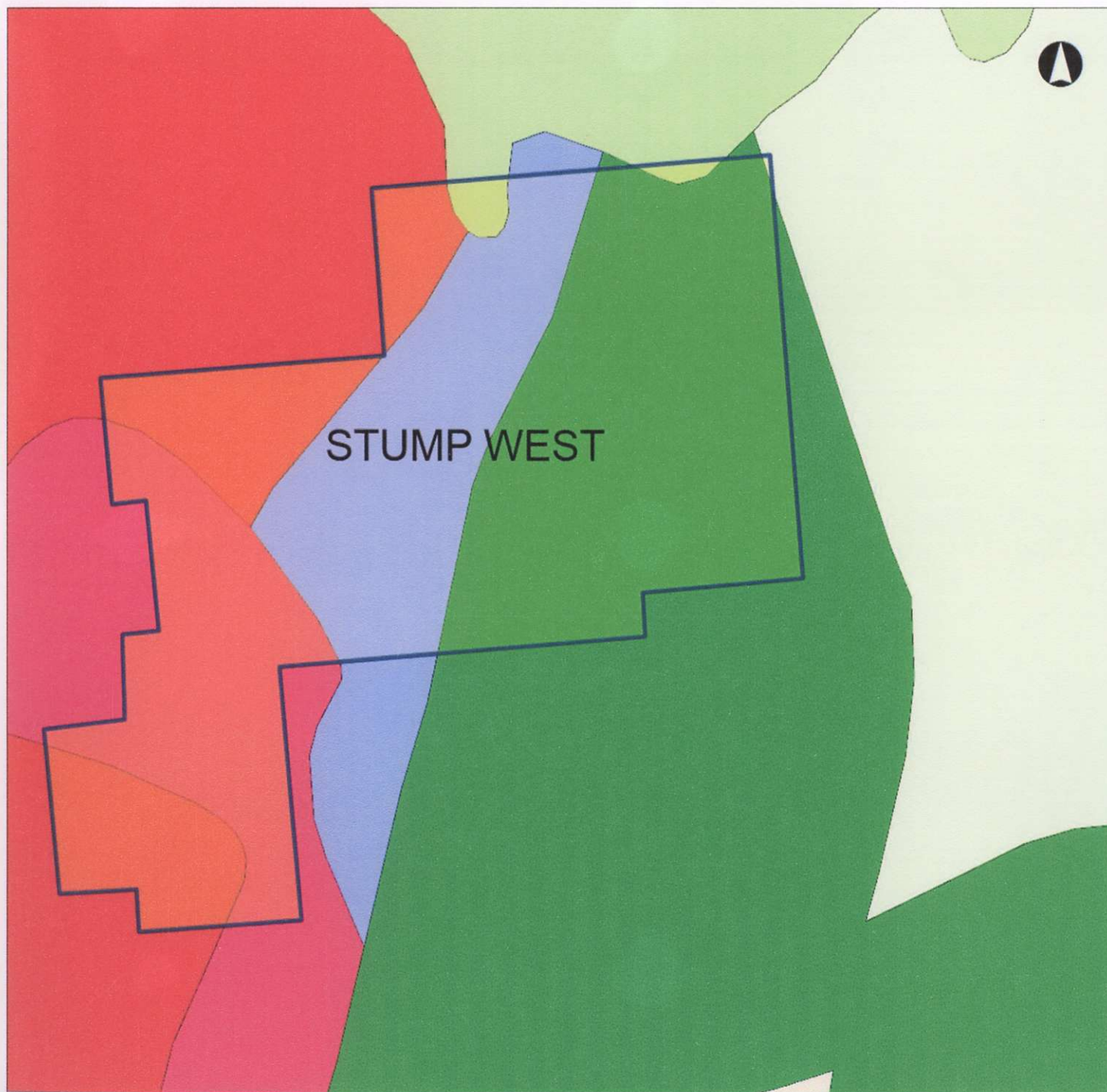
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Datum: NAD83

Projection: NAD_1983_BC_Environment_Albers

Key Map of British Columbia





STUMP WEST LOCAL
GEOLOGY
Legend

- Geological Bedrock - Outline
- Geological Bedrock - Colour
- AGE_GROUP
- Age Unknown
- Age Unknown_intrusive rocks
- Age Unknown_metamorphic rock
- Cenozoic_intrusive rocks
- Quaternary to Recent_alluvium, t
- Quaternary to Recent_sediments
- Quaternary to Recent_volcanic r
- Neogene to Recent_sedimentary
- Neogene to Recent_volcanic roc
- Neogene_intrusive rocks
- Neogene_sedimentary rocks

0 1.27 2.54 km

1: 62,500

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Datum: NAD83
Projection: NAD_1983_BC_Environment_Albers

Key Map of British Columbia



5

much finer grained than in actuality which resulted in it often being labeled as andesite. Basalt units were dark grey-green in colour, non-magnetic, often vesicular, and exhibited a very fine micro-granular texture. Finally, localized regions of Ignimbrite were also noted on a knoll (Repeater Hill) located 1.5 kilometers north east of Anderson Lake.

Located on the far west of the property is the Tertiary aged Nicola Horst and is represented predominantly by unaltered monzonite along with lesser, intensely altered schist. The monzonite unit is light white-grey in colour, medium grained, equigranular, unaltered and contains trace fine disseminated pyrite. A locally developed gneissic foliation within the monzonite may indicate later metamorphic deformation.

Located to the east of the monzonite, yet still located within the Nicola Horst group, is a relatively narrow (500-800m wide) region of north trending Tertiary aged fine grained, dark green-grey colour, strongly altered amphibolite schist. The Tertiary aged north-north east trending Moore Creek fault separates the Nicola Volcanic group from the Nicola Horst. Strong mineralization is found within the Tertiary aged amphibolite schist occurring in multiple environments including manto, porphyry, sheeted veining, pods, quartz-carbonate, quartz veins (high temperature).

6. Property Profile Potential On Mapplace

The property profile potential on mapplace shows this immediate area is a good location to find BESSHI CYPRUS, COPPER MOLYBDENUM GOLD, COPPER SKARN, EPITHERMAL GOLD SILVER LOW-S, FELDSPAR PEGMATITE, GOLD COPPER PORPHYRY ALK, GOLD QTZ VEIN, GOLD SKARN, HOT SPRING GOLD SILVER, NORANDA KURUKO, POLY METALLIC MANTO, POLY METALLIC VEIN, PORPHYRY RELATED GOLD and SHEAR GOLD deposit potentials. See maps included.

7. History Up To 2010

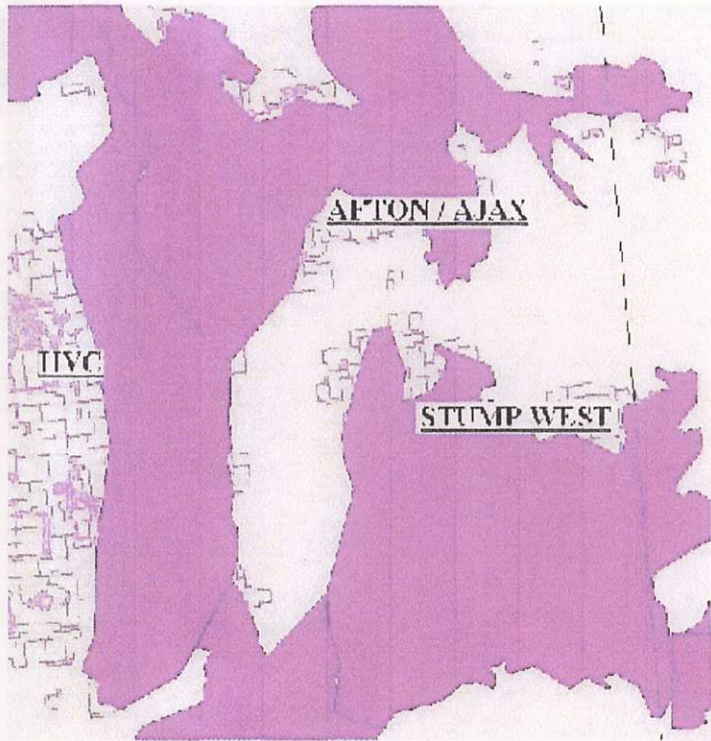
The South Central mining division is host to the prolific Iron Mask Belt Batholith, and as such, has a rich history of mining and exploration (see figure 7 below for the location of the Iron Mask and relation to the Stump Lake property). This belt is host to a variety of deposits such as Highland Valley Copper, currently one of North America's largest copper mines, along with the previously producing Ajax Copper-Gold mine (figure 7). Afton, also a previous producing mine, is once again under construction by Newgold Resources and expects an annual production of 85,000 oz. gold and 75 million lbs. of copper. Finally, located approximately 30 kilometers south of this batholith, the region around Stump Lake contains the Planet mine which operated from 1916 to 1948.

A. Planet Mine

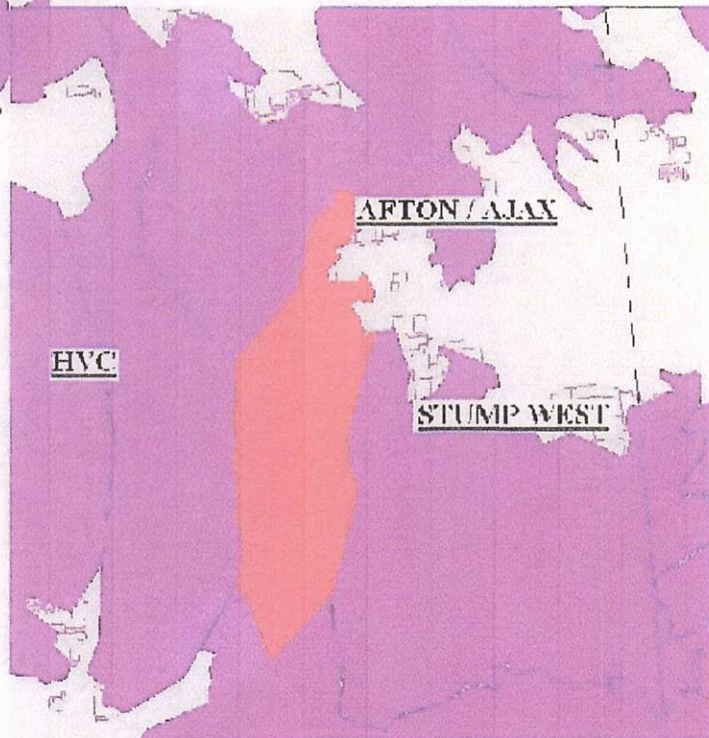
Mining first began on the south end of Stump Lake in the 1890's after the discovery of narrow high grade epithermal gold veins. These polymetallic veins contained pyrite, chalcopyrite, galena, sphalerite, tetrahedrite, and lesser bornite, scheelite, arsenopyrite, pyrrhotite and native gold (Moore et al, 1990) with grades averaging 3.74 grams per tonne gold, 111.75 grams per tonne silver, 0.03% copper, 1.42% lead, and 0.24% zinc. (Shearer, 2009). In 1916 Donahue Mines Company constructed a mill on site and the first major work began on the Joshua and Tubal Cain veins. Shortly thereafter, the Planet Mine and Construction Company sunk the Enterprise and Planet shaft. Another mill was constructed at the Planet Mine and remained in operation from 1929 to 1931 at which point the ownership of the mine changed. Nicola Mines took possession of the mine in 1931 and continued operations until 1937 when the property once again changed hands. The mine was next purchased by Goldfield, who rebuilt the mill and continued operations until the mine's final shutdown in 1948. By the time the mine had shut down it had extracted a total of 8,494 oz gold, 252,939 oz silver, 40,822lbs copper, 2,205,444lbs lead and 367,869 lbs zinc from 77,605 tonnes of ore (Sookochoff, 2010). Albeit the property has seen extensive exploration since the mine's closure no companies have been successful in restarting operations

B. Anderson Lake

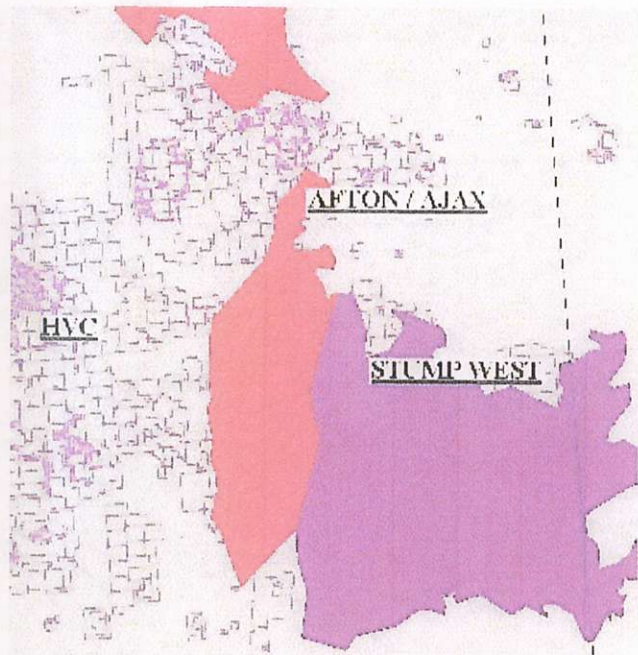
Claims surrounding Anderson Lake have seen only minimal work over the past 40 years with the majority of the exploration work being carried out on the Nicola Horst, a ridge immediately west of the Moore Creek Fault. A chronological synopsis of the companies involved and their exploration completed is given below.



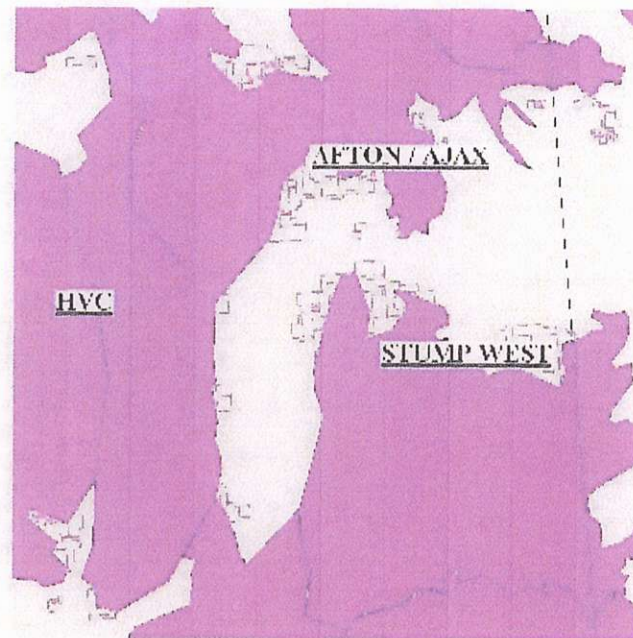
PORPHYRY RELATED GOLD POTENTIAL



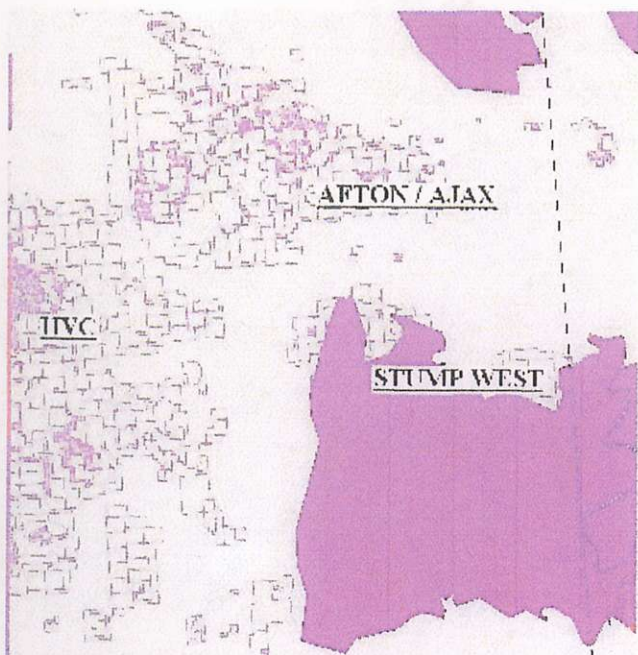
SUB. VOL. SHEAR GOLD POTENTIAL



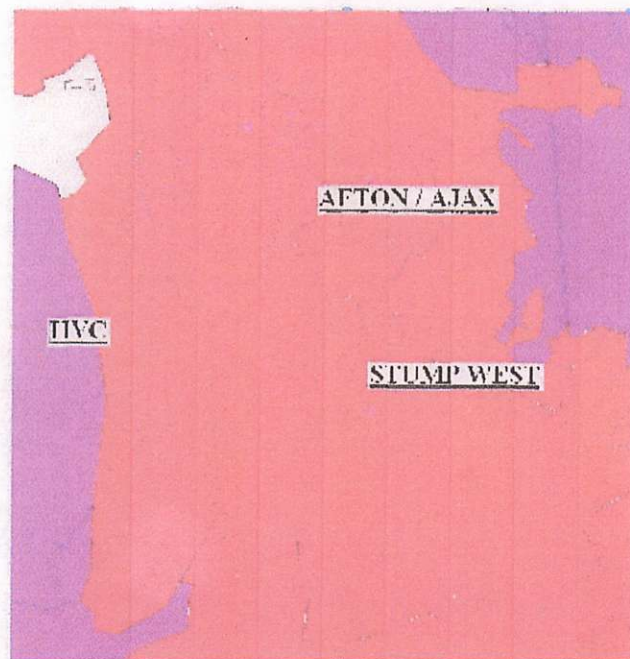
HOT SPRING GOLD SILVER POTENTIAL



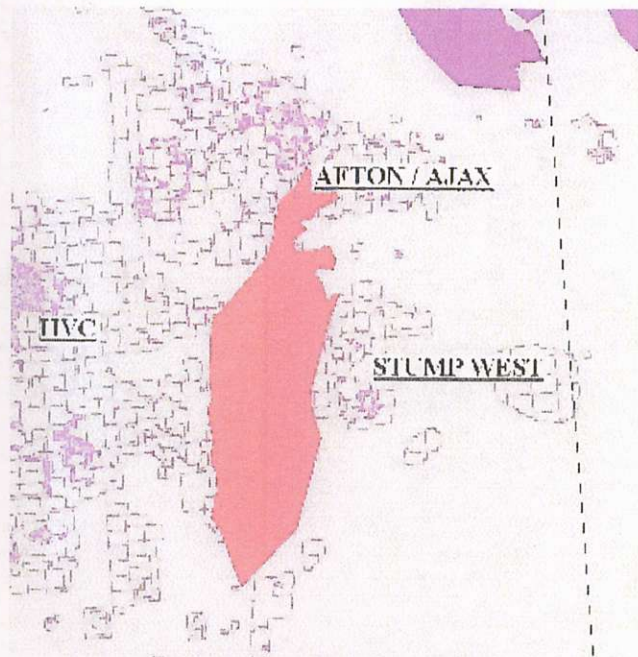
NORANDA / KURUKO POTENTIAL



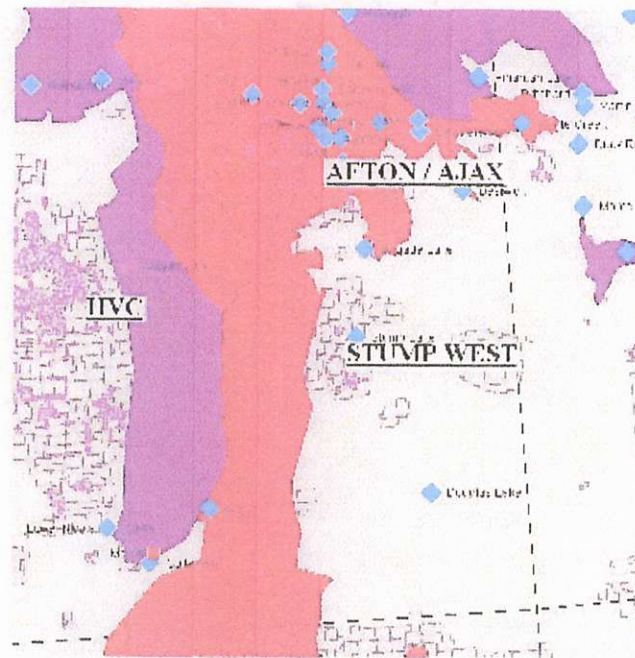
POLY METALLIC MANTO Ag, Pb, Zn



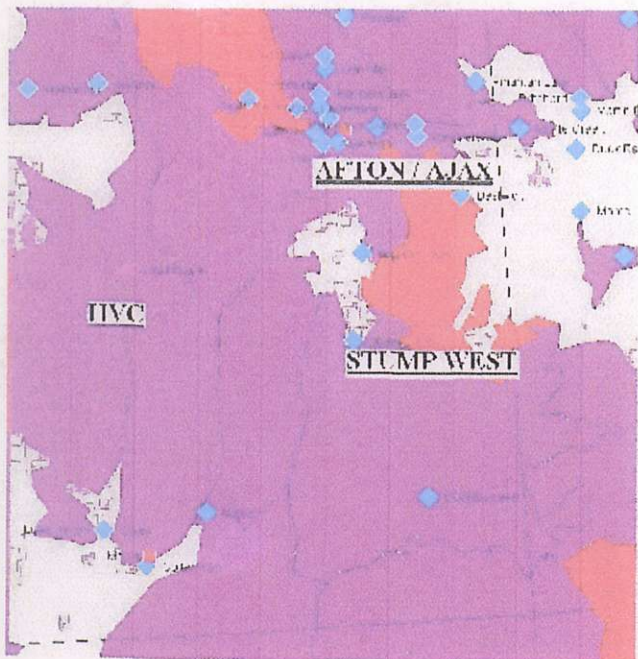
POLY METALLIC VEIN POTENTIAL



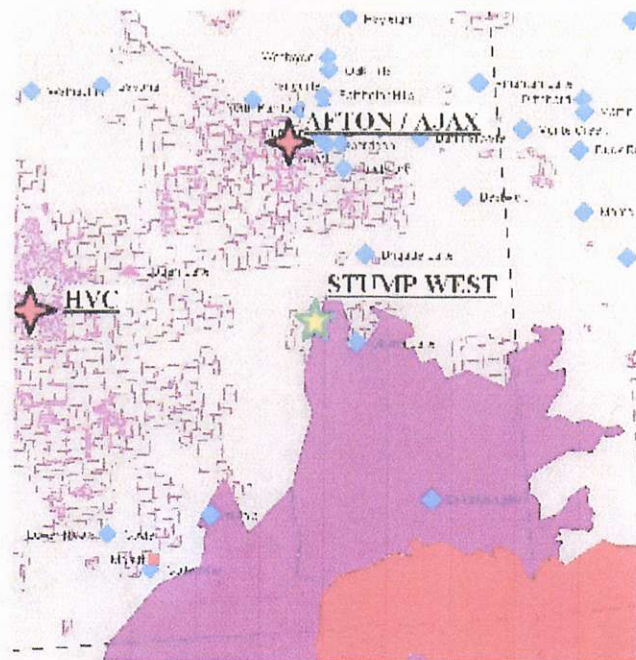
FELDSPAR PEGMATITE POTENTIAL



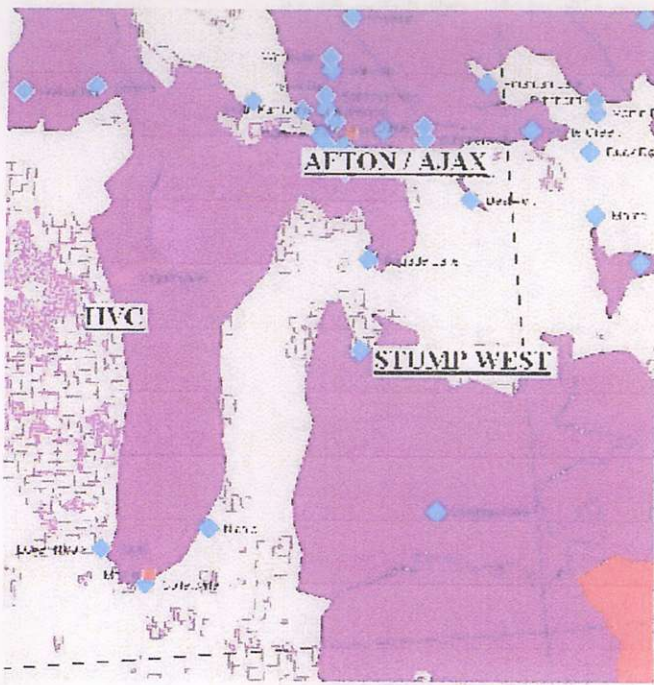
GOLD COPPER PORPHYRY ALK POTENTIAL



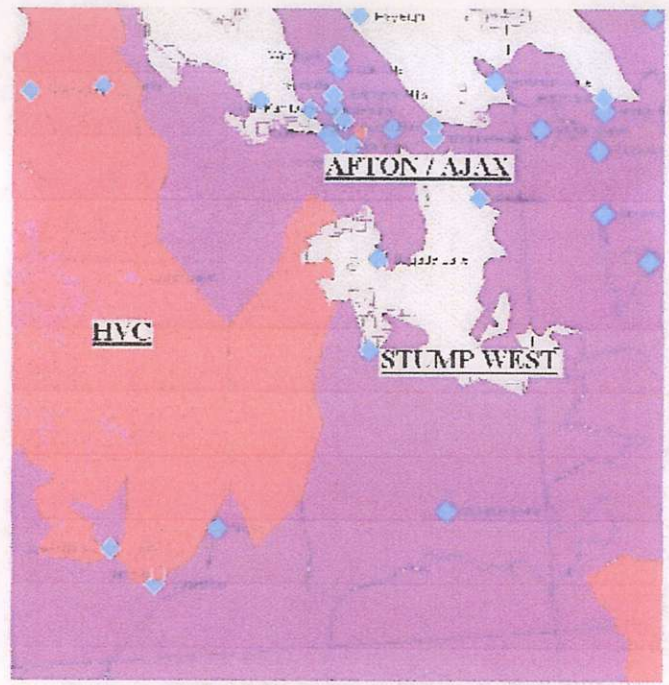
GOLD QUARTZ VEIN POTENTIAL



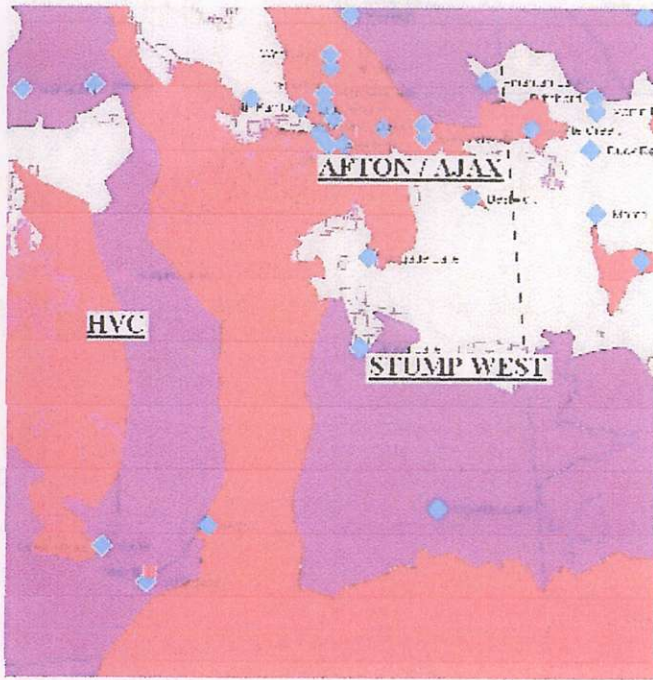
GOLD SKARN POTENTIAL



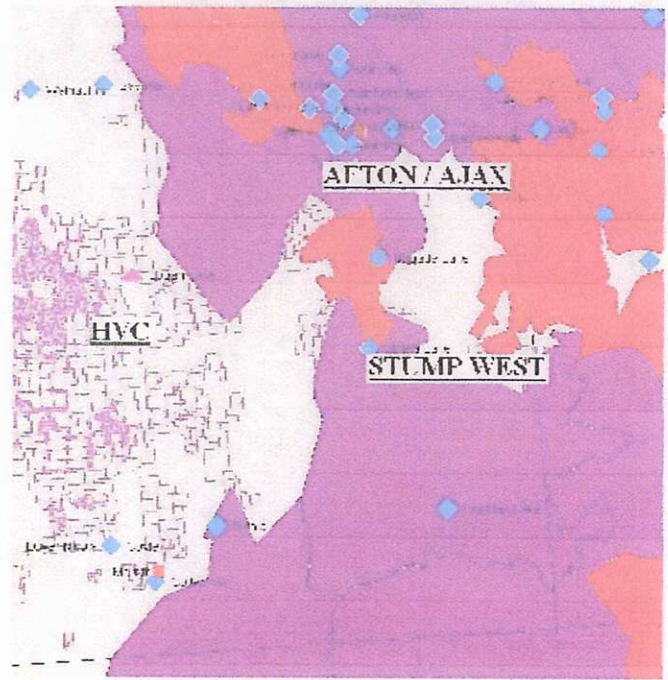
BESSII / CYPRUS POTENTIAL.



COPPER MOLYBDENUM GOLD POTENTIAL.



COPPER SKARN POTENTIAL.



EPITHERMAL GOLD SILVER LOW-S POTENTIAL.

1. Newconex Canadian Exploration:

Exploration around the Anderson Lake region reportedly began with Newconex Exploration in 1972, when an exploration campaign consisting of soil geochemistry, IP, and Self Potential surveys were completed on the present day Stump 2 claim. These surveys supposedly resulted in the discovery of up to 6ppm silver within the soil along with localized coincidental IP anomalies. There are no accounts of Newconex following up on these anomalies (Holland, 1981). In addition, no assessment work was filed by Newconex and all accounts of exploration completed are anecdotal in nature.

2. Sumitomo Exploration:

It's reported that following the identification of a silver geochemical anomaly by Newconex Ltd., Sumitomo Exploration took ownership of the property in 1973 and performed a follow up geochemical and geophysical survey. Following this survey, Sumitomo proceeded to drill four percussion holes on the Anderson claim block (present day Stump 2 claim) west of the Moore Creek fault. Anecdotal accounts from a drilling contractor employed by the company suggest that Sumitomo intersected 2.0 oz/ton silver over 9 meters in their most northern drill hole. Mineralization was said to have been intersected at the bottom of the hole from a depth of approximately 50-60m within graphitic schist. Unfortunately, similar to Newconex, no assessment work was ever filed and the results of the drill campaign remain anecdotal in nature (Holland, 1981). No follow up work was completed and the claims were allowed to lapse.

3. Esperanza Exploration Ltd.

On May 9 1980 James McDonal staked the Anderson, Anderson 1 and Anderson 2 Claims (see figure 3 below). These claims were subsequently optioned to Esperanza Exploration Ltd in hopes of intersecting copper porphyry style mineralization. Esperanza drilled one vertical hole (DDH 80 An-1) on the property. This hole was drilled to a depth of 108.8m and was designed to twin Sumitomo's drill hole which had previously intersected 2.0 oz/ton Ag over 9 meters. Albeit pyrrhotite, pyrite and minor sphalerite were reportedly intersected, no significant economic mineralization was found. The highest recorded assays were 385ppm Zn, 4ppm Pb, 480ppm Cu and 1.0ppm Ag over 3m. Given that the drill hole failed to intersect any significant mineralization the claims were returned to Mr. McDonal and subsequently allowed to lapse. Esperanza never assayed the drill core for gold (Holland, 1981).

4. Goldbrea Developments Ltd.

In 1982 Goldbrea Developments Limited took ownership of the claims and conducted a vector pulse electro-magnetometer survey over 43km of grid on the Anderson, Anderson 1,2,3 and 4 claims (figure 4 below). Similar to previous companies, work was concentrated primarily on the intrusive units located to the west of the Moore Creek fault. The results of the survey showed a 4km long conductor which was attributed to be part of a graphitic schist package. Four other conductors were also defined over lesser strike lengths and postulated to be part of the same graphitic schist unit. However, it was further believed that these lesser conductors may also represent an unknown sulphide bearing package. A northern conductor was reported which correlated to a previously defined copper soil anomaly and recommendations were made to further pursue this conductor (Candy & White, 1983).

Goldbrea returned to the property in 1984, and expanded their claim by further staking the Anderson 5 and 6 blocks. In addition, they optioned the Bag 1 and 2 claims from Canadian Nickel Company Ltd. Following this, Goldbrea initiated an extensive exploration program consisting of a combination of geological mapping and geophysical surveys on the Anderson 4 and Bag claims.

Mapping on the south end of these claims identified a healed epithermal vein breccia zone containing minor sulphides. A VLF-EM survey conducted over this same region showed evidence for a deeply buried conductive zone which is hypothesized to be indicative of hot fluid boiling and host to possible precious metals (White, 1985). Drilling of this zone was recommended by Goldbrea, however, it was never undertaken.

Following their 1984 field season, Goldbrea continued exploration work in 1986 with a PulseElectromagnetic survey on the Anderson 1, 2 and 3 blocks. Similar to the previous surveys a strong conductor was identified which was believed to underlie the graphitic schist unit. Unfortunately, as a result of nearby forest fires Goldbrea was forced to prematurely stop work and was consequently unable to complete their survey. Diamond drilling was recommended on this anomaly, however, no work further work was ever performed (White, 1986).

8. Recent Work Since 2010 By Or On Behalf Of Jeremy Marlow

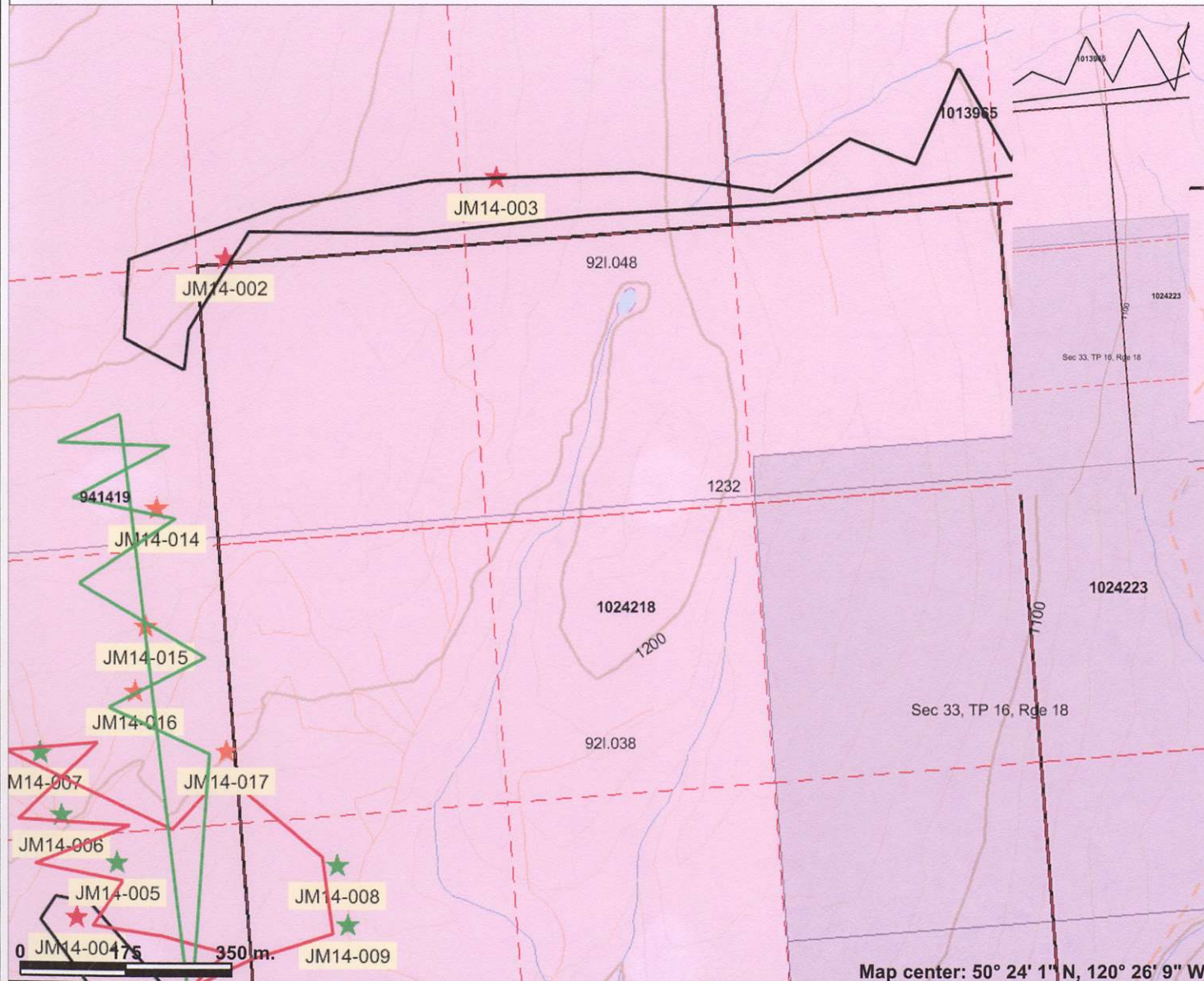
In 2010, Chuck and Jeremy Marlow, while on a prospecting recon in the area surrounding Anderson Lake discovered a quartz carbonate vein and breccia system with anomalous gold values. (up to over 6g/t). Gold, copper, molybdenum, and silver values were gained over a 3km long strike zone called the Discovery Vein Minfile. Optioned in 2011, over \$800,000 of expenditures were spent on prospecting, soil sampling, I.P survey, petrographic study and 10 diamond drill holes. Previous reports on this property are 32753, 33180 and 34214.

Much of the substantial exploration expenditures in the past up to 2012, was spent on both sides of the Moore Creek fault and failed to drill into the tertiary amphibole metamorphic rocks which seem to have the greatest potential for a porphyry type zone.

Since 2012, more discoveries including old shafts with no record only located from a historical map. A manto type zone was expanded ten times the area with values up to 0.421% Cu in 5 meters from surface in a prospectors drill hole. Multiple Tertiary (Paleocene) showings with different reducing mineralization zones spatially related to the intrusive rocks on contact with metamorphic rocks, Extreme low sulphur content along with the associated anomalous Bi, Te, Co, and W, indicates the strong possibility of this being a Reduced Intrusion Related Gold System.



PROSPECTING TRAVERSES



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
 - Mineral Claim
 - Mineral Lease
- Mineral Reserves (current)
 - Placer Claim Designation
 - Placer Lease Designation
 - No Staking Reserve
 - Conditional Reserve
 - Release Required Reserve
 - Surface Restriction
 - Recreation Area
 - Others
- First Nations Treaty Related Lands
 - First Nations Treaty Lands
 - Integrated Cadastral Fabric
 - Survey Parcels
 - BCGS Grid
 - Contours (TRIM)
 - Contour - Index
 - Contour - Index.Indefinite
 - Contour - Index.Depression
 - Contour - Index.Depression Indefinite
 - Contour - Intermediate
 - Contour - Intermediate.Indefinite
 - Contour - Intermediate.Depression

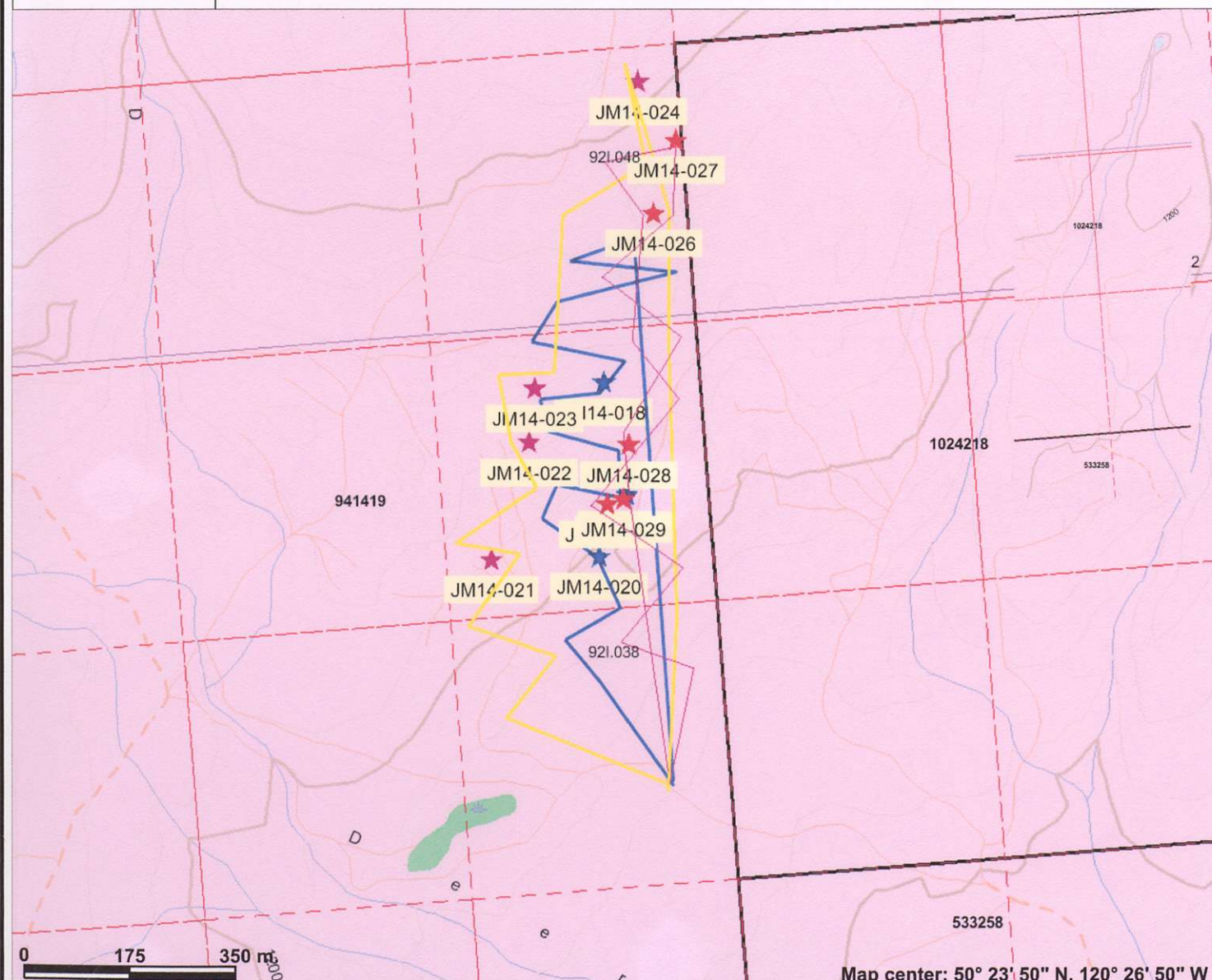
Map center: 50° 24' 1" N, 120° 26' 9" W

Scale: 1:10,000

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: BLACK LINE - APRIL 10
RED LINE - APRIL 15
GREEN LINE - APRIL 18

PROSPECTING TRAVERSES



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (TRIM)
- Contour - Index
- Contour - Index.Indefinite
- Contour - Index.Depression
- Contour - Index.Depression Indefinite
- Contour - Intermediate
- Contour - Intermediate.Indefinite
- Contour - Intermediate.Depression

Map center: 50° 23' 50" N, 120° 26' 50" W

Scale: 1:10,000

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: BLUE LINE - APRIL 19
YELLOW LINE - APRIL 21
MAGENTA LINE - APRIL 27

PROSPECTING TRAVERSES



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
 - Mineral Claim
 - Mineral Lease
- Mineral Reserves (current)
 - Placer Claim Designation
 - Placer Lease Designation
 - No Staking Reserve
 - Conditional Reserve
 - Release Required Reserve
 - Surface Restriction
 - Recreation Area
 - Others
- First Nations Treaty Related Lands
 - First Nations Treaty Lands
 - Integrated Cadastral Fabric
 - Survey Parcels
 - BCGS Grid
- Contours (TRIM)
 - Contour - Index
 - Contour - Index.Indefinite
 - Contour - Index.Depression
 - Contour - Index.Depression Indefinite
 - Contour - Intermediate
 - Contour - Intermediate.Indefinite
 - Contour - Intermediate.Depression


Scale: 1:5,000



Map center: 50° 24' 17.1" N, 120° 26' 18.0" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: BLUE LINE - APRIL 29

51

PROSPECTING TRAVERSES



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (TRIM)
- Contour - Index
- Contour - Index.Indefinite
- Contour - Index.Depression
- Contour - Index.Depression Indefinite
- Contour - Intermediate
- Contour - Intermediate.Indefinite
- Contour - Intermediate.Depression

Map center: 50° 24' 28.2" N, 120° 25' 1.3" W

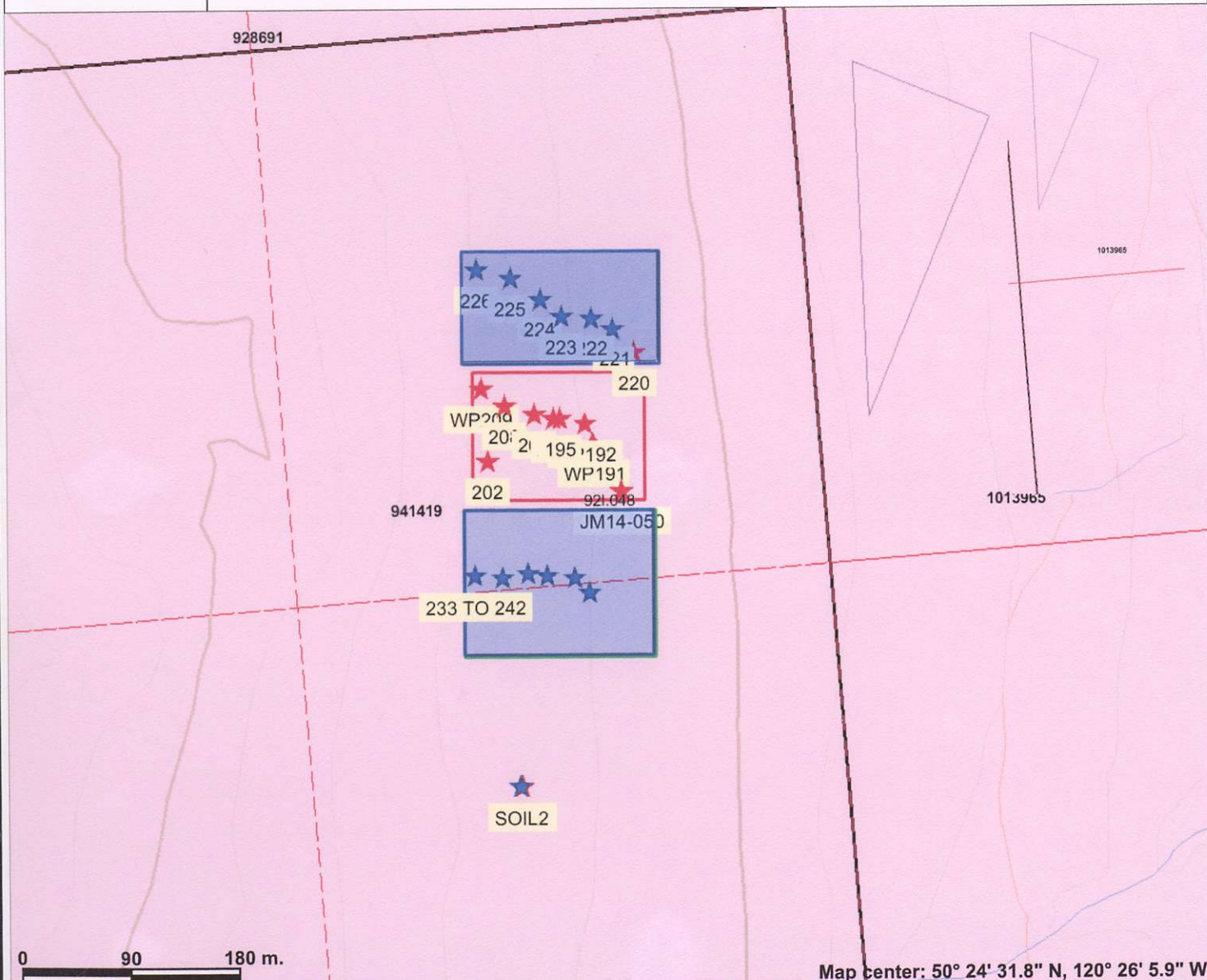
Scale: 1:5,000

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: BLACK LINE - MAY 10



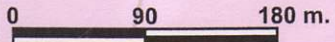
PROSPECTING TRAVERSES



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
- Mineral Claim
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- Contour - Intermediate.Depression

Scale: 1:5,000



Map center: 50° 24' 31.8" N, 120° 26' 5.9" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: RED SQUARE - MAY 25
BLUE SQUARES - JUNE 12

17



SOIL LOCATIONS



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
 - Mineral Claim
 - Mineral Lease
- Mineral Reserves (current)
 - Placer Claim Designation
 - Placer Lease Designation
 - No Staking Reserve
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 - Contour - Intermediate.Indefinite
 - Contour - Intermediate.Depression



Scale: 1:5,000

0 90 180 m.

Map center: 50° 24' 34.7" N, 120° 26' 9.6" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: SOIL LOCATIONS JUNE 14.

9. Present work in this report
a: Work Days For This Report

April 10 - Chuck and Jeremy Marlow drove to Stump West Property. Wet road conditions and snow was encountered in the shady areas. They traversed west of Moore creek along inside of claim boundary, they took 3 waypoints.

Total = 2 man days + 1 truck + liveout

April 11- Took 4 samples to Actlabs.

April 15- Jeremy drove to Stump West. Road conditions were similar to April 10th and could only drive to near the edge of property on the southern section. Took 3 waypoints.

Total = 1 man day + 1 truck + liveout

April 17- Jeremy drove to Stump West. Road conditions same as previous. Walked into property through adjacent claims, found interesting mineralization and tried to trace it onto my property unsuccessfully.

Total = 1 man day + 1 truck + liveout

April 18- Chuck and Jeremy drove to property. Took 4 waypoints.

Total = 2 man days + 1 truck + liveout

April 19- Chuck and Jeremy drove to property. Took 3 waypoints.

Total = 2 man days + 1 truck + live out

April 21- Chuck and Jeremy drove to property. Took 4 waypoints.

Total = 2 man days + 1 truck + liveout.

April 22- Took 10 samples to Actlabs.

April 27- Chuck and Jeremy drove to property. Took 5 waypoints.

Total = 2 man days + 1 truck + liveout

April 28- Took 4 samples to Actlabs.

April 29- Jeremy drove to property. Took 15 waypoints.

Total = 1 man day + 1 truck + liveout

April 30- Took 6 samples to Actlabs.

May 03- Chuck and Jeremy drove to property. Showed dad previous prospecting sites for verification of mineralization.

Total = 2 man days + 1 truck + liveout

May 08- Jeremy drove to property. Trenched on sample JM14-035. Took 1 sample.

Total = 1 man day + 1 truck + liveout

May 10- Chuck and Jeremy drove to property. Took 6 waypoints.

Total = 2 man days + 1 truck + liveout.

May 13- Took 4 samples to Actlabs.

May 25- Chuck and Jeremy drove to property. Took 14 waypoints.

Total = 2 man days + 1 truck + liveout.

May 26- Took 4 samples to Actlabs.

June 12- Chuck and Jeremy drove to property. Took 8 waypoints.

Total = 2 man days + 1 truck + liveout.

June 14- Jeremy drove to property. Took 13 waypoints.

Total = 1 man day + 1 truck + liveout.

August 22- Jeremy drove to property. Brand new Pionjar 120 was purchased this year for percussion test holes. Cuttings will be checked for copper using a common hydrochloric acid and iron nail test to electroplate any ionic copper. Drilled 2 holes. MPH-001 and 002. Gathered 2 samples.

Total = 1 man day + 1 truck + liveout + Pionjar 120

August 23- Jeremy drove to property. Used Pionjar 120 to drill 3 holes. MPH-003, 004 and 005. Gathered 3 samples.

Total = 1 man day + 1 truck + liveout + Pionjar 120

August 24- Jeremy performed chalcocite test on percussion hole cuttings to see if the process worked to show copper on the nail. It did prove that this test is feasible to use for a simple method of copper detection in the areas rocks and soils.
Total = 0.5 man day

August 25- Chuck and Jeremy drove to property. Used Pionjar 120, drilled 4 holes. MPH001a,b, MPH002a,b, MPH003a,b, MPH004a,b. Gathered 16 samples.
Total = 2 man days + 1 truck + liveout + Pionjar 120

September 01- Chuck and Jeremy drove to property. Used Pionjar 120, drilled 5 holes. MPH005a, MPH006a, MPH007a, MPH008a, MPH009a. Gathered 11 samples.
Total = 2 man days + 1 truck + liveout + Pionjar 120

September 03- Jeremy drove to property. Half day due to dangerous windy conditions. Used Pionjar 120, drilled 3 holes. , MPH010a,b, MPH011a, MPH012a,b. Gathered 9 samples.
Total = 0.5 man day + 1 truck + liveout + Pionjar 120

September 04- Jeremy drove to property. Used Pionjar 120, drilled 7 holes. MPH013a, MPH014a, MPH015a, MPH016a, MPH017a, MPH018a, MPH019a. Gathered 12 samples.
Total = 1 man day + 1 truck + liveout + Pionjar 120

September 05- Jeremy performed chalcocite test on percussion cuttings.
Total = 0.5 man day

September 29- Chuck and Jeremy mobed prospector drill to Manto showing, Dave made 2 trips from Heffley with gear and supplies. Chuck and Jeremy set-up camp, 70%, and placed drill on site. Jeremy gathered wood for heat in tent.
Total = 2 man days + 2 trucks + camp. \$1180.00

September 30- Jeremy finished setting camp up and gathered more wood. Set-up water line and pump at shaft filled with water.
Total = 1 man day + 1 truck + chainsaw + camp + supply pump \$615.00

October 01- Pump failed, brought down other pump to shaft, second pump wouldn't start, bad spark plug. Drove to Kamloops to pick up spare pump and extra water tank from Dave. Pump was unable to lift desired distance and climb from shaft to drill set-up, have to order pump for tomorrow as light was fading in the evening.
Total = 1 man day + 1 truck + camp + supply pump \$600.00

October 02- Drove to treeline to meet Dave with hoses and pump. Set-up water tank half way with second pump for water supply. Jeremy anchored Prospecting drill on site with Pionjar 120 percussion drill. Jeremy got drill ready, azimuth 345degrees, dip -39.5degrees.
Total = 2 man days + 2 trucks + Piojar 120 + chainsaw + camp + 2 supply pumps \$1185.00

October 03- Jeremy started drilling. Dave drove from McLure to help with water all day. Drilled from 0 to 22 feet. Copper in almost all core.
Total = 2 man days + 2 trucks + 2 supply pumps + camp + chainsaw + \$5 per foot \$1145.00

October 04- Started drilling in morning, Dave showed up about 10am to help with water. Drilled from 22 to 48 feet. Granite dyke last foot of core, rubble, mislatch at 48 feet. Shut hole down, took dip test, (-40degrees), pulled rods, tipped head to -58.5, ready for next hole. Re-chained drill.
Total = 2 man days + 1 truck + 2 supply pumps + camp + chainsaw + \$5 per foot \$1235.00

October 05- Jeremy picked up Chuck at 7am. Started drilling on second hole, -58.5degrees. Drilled from 0 to 42 feet. Good day.
Total = 2 man days + 1 truck + camp + 2 supply pumps + chainsaw + \$5 per foot \$1305.00

October 06- Chuck and Jeremy drilled from 42 to 51 feet before water supply out of old shaft failed. Shut hole down, took dip test, (-58.5degrees), pulled rods, unchained and demobed camp and drill back to Heffley creek.
Total = 2 man days + 2 trucks + 2 supply pumps + \$5 per foot \$1085.00

October 20- Took 7 core samples to Actlabs.

b: Sample GPS Locations For Prospecting

WAYPOINT	SAMPLE #	EASTING	NORTHING	ROCK TYPE	STRIKE/DIP	MINERALIZATI
	JM14-001			CORE FROM CREEK		SILVER/GOLD
	JM14-002			GRAB		
	JM14-003			PYROX GRAB		
	JM14-004	681314	5585604	INTRUSIVE RIDGE	60 / 90	
			ACTLABS			
	JM14-005	681385	5585696	INTRUSIVE RIDGE	60 / 90	SPECULARITE/SILVER
	JM14-006	681292	5585772	INTRUSIVE	60 / 90	
	JM14-007	681265	5585880	SIL. QTZ		SULPHIDES
118	JM14-008			QTZ MOLY FLOAT		MOLY
119	JM14-009			AMPHIBOLE		CHALCOPYRITE
120	JM14-010			QTZ VEIN		SULPHIDES
121	JM14-011			QTZ VEIN BRECCHIA		
122	JM14-012			INTRUSIVE	110 / 90	
125				HOLLES #2 CLAIMPOST		
126	JM14-013			AMP / INT		GREEN QTZ VEINS
127	JM14-014	681503	5587257	QTZ VEINS		
128	JM14-015	681449	5586081	INTRUSIVE	30 / 90	CHALCEDONIC
129	JM14-016	681427	5585978	AMPHIBOLE		5M REP-SULPHIDES
130	JM14-017	681684	5585796	INT / AMP		SULPHIDES
131	JM14-007			SIL. QTZ		SULPHIDES
133	JM14-018	681405	5586123	INTRUSIVE	25-30 / 90	QTZ VEINS
134	JM14-019	681440	5585933	INTRUSIVE		6M REP- QTZ VEIN LADDERWORKS
135	JM14-020	681399	5585836	INTRUSIVE		RUSTY QTZ
138	JM14-021	681219	5585834	INTRUSIVE RIDGE	70 / 60WEST	MULTIPLE QTZ VEINS
139	JM14-022	681316	5586051	INTRUSIVE RIDGE	30-40 / 80WEST	BESMUTHITE QTZ VEINS
140	JM14-023	681345	5586100	QTZ VEINS		QTZ VEINS
141	JM14-024	681496	5586621	METAMORPHIC	40-50 / 90	RHODONITE? VEINS
142	JM14-025	681412	5585912		50 / 90	
			ACTLABS			
149	JM14-026	681513	5586401	INTRUSIVE		CHLORITE MICA AND IN KOLUITE
150	JM14-027	681569	5586513	INTRUSIVE		ANTICLINE?
152	JM14-028	681449	5586020	INTRUSIVE	10-45 / 90	10-15 QTZ VEINS
153	JM14-029	681429	5585927	INTRUSIVE		SPECULARITE/SILVER
			ACTLABS			
154	JM14-030	682470	5586947	PYROX CARB.		
155	JM14-031	682450	5586932	AMPHIBOLE	115 / 70WEST	EPIDOTE VEINS SULPHIDES
156	JM14-032	682431	5586895	AMPHIBOLE		3% SULPHIDES QTZ VEIN
157	JM14-033	682441	5586896	QTZ VEINS	110 / 90	QTZ VEINS
158	JM14-034	682435	5586851	PYROX		
159	JM14-035	682361	5586788	METAMORPHIC	30-40 / 90	QTZ - SULPHIDES
159	JM14-052	682361	5586788	REPEAT DEEP TRENCH		QTZ - SULPHIDES
160	JM14-036	682331	5586713	INT / AMP / PYX	140 / 90, 60 / 90	QTZ SULPHIDES
161	JM14-037	682173	5586708	PYROX / AMPH		MOLY / COPPER / Au
162	JM14-038	682088	5586783	INTRUSIVE	40-50 / 90	QTZ VEINS
163	JM14-039	681523	5586427	INTRUSIVE	140 / 90	ANTICLINE?
164	JM14-040	68160	5586521	INTRUSIVE	45 / 55WEST	QTZ - RHODONITE VEINS
165	JM14-041			INTRUSIVE		QTZ - MOLY
166	JM14-042			INTRUSIVE		QTZ STOCKWORKS
167	JM14-043	682366	5586767	AMPHIBOLE		MOLY - COPPER
			ACTLABS			
168	JM14-044	682404	5586839	INT / AMP / PYROX		SAME AS JM14-036
169	JM14-045	682421	5586919	QTZ VEINS		QTZ - SULPHIDES
170	JM14-046	682444	5586846	PYROX		WALL PORPHYRY?
171	JM14-047	682358	5586843	PYROX		QTZ, COPPER
172	JM14-048			QTZ FELD VEIN		2M WIDTH
173	JM14-049			SKARN		GRAB COPPER
			ACTLABS			
191		682239	5587278	SKARN / PYROX		SUBCROP COPPER
192		682238	5587284	PYROX		SUBCROP COPPER
193		682231	5587284	PYROX	150 / 90	SULPHIDES - COPPER
194		682199	5587289	INT / PYROX / SAND		SUBCROP
195		682166	5587282	METAMORPHIC	20 / 80EAST	ALTERATION VEIN
195B		682166	5587277	SILTSTONE		CHALCOPYRITE
202		682141	5587274	SCHIST / PYR / INT		OLD PIT PYRITE
203	JM14-053	682138	5587295	PEGMATITE		2" CRYSTALS
207		682141	5587346	METAMORPHIC		EPIDOTE VEINS
208		682161	5587323	SANDSTONE	40 / 80 EAST	ALTERATION VEIN
209		682172	5587305	INTRUSIVE		MOLY SUBCROP
211	JM14-051	682180	5587270	METAMORPHIC		CHALCOPYRITE
212		682236	5587171	PYROX / INT		
219	JM14-050	682257	5587250	SKARN		NATIVE COPPER
220		682239	5587296	PYROX		CHALCO-PHYRROTITE
			ACTLABS			
221		682136	5587301	INTRUSIVE		MOLY SUBCROP
222		682117	5587337	METAMORPHIC	40 / 90	
223		682097	5587396	METAMORPHIC	20 AND 110 / 90	INT VEN AND QTZ VEIN
224		682100	5587435	METAMORPHIC	30 / 65EAST	
225		682121	5587467	METAMORPHIC	50 / 65 EAST	
226		682117	5587457	INT IN METAMORPH	0 / 90	TOOTH PASTE VEIN
232	SOIL#2					
233		682291	5587193	METAMORPHIC	40 / 90	MINOR CHALCOPYRITE
234		682193	5587176	INTRUSIVE	40 / 90	
235		682184	5587176	METAMORPHIC	0 / 90	
236		682183	5587173	INTRUSIVE	0 / 90	
237		682173	5587183	METAMORPHIC		
238		682178	5587189	METAMORPHIC	0 / 60EAST	POWELLITE
239						POWELLITE - SCHEELITE
			ACTLABS			
240		682147	5587227	METAMORPHIC	25 / 70EAST	
241		682149	5587245	METAMORPHIC	0 / 90	VEINING
242		682149	5587264	METAMORPHIC	25-30 / 60-70EAST	
243	SOIL 5					POWELLITE - SCHEELITE
244		682132	5587270	METAMORPHIC		SULPHIDES-POWELLITE
245	SOIL 6					
246	SOIL 7					
247	SOIL 8					
248					30 / 75 EAST	
249	SOIL 9					
250	SOIL 10					

c: Sample Assays Of Interest

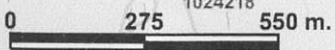
The sample assays of interest are as follows; Au, Cu, Mo. Other metals, Bi, Ag, Te and Co being closely associated with the gold, copper, molybdenum mineralization. See maps.

d: Percussion Hole Locations And XRF Results

Sample #	EASTING	NORTHING	DEPTH	Cu	Co	Sr	Wo	Ni	Rb
MPH-001				2254.00		687	530		
MPH-002				1559.00		11089	220		
MPH-003				2507.00			606		
MPH-004				1415.00			628		
MPH-005				537.00			321		131
MPH-001a-1	682273	5587260	0-4'	2085.00		581	813		
MPH-001-a-sm				3282.00		484	863		
MPH-001b-big			4-6'	1613.00			742		
MPH-001b-sm				2630.00			685	166	
MPH-002a-big	682273	5587257	0-4'	410.00			500		
MPH-002a-sm				392.00			536		
MPH-002b-big			4-7.5'	382.00			584		
MPH-002b-sm				511.00			567		0
MPH-003a-big	682252	5587310	0-1.5'	350.00			453		173
MPH-003a-sm				522.00			458		
MPH-003b-big				1928.00			383		
MPH-003b-sm				3088.00			392		
MPH-004a-big	682276	5587261	0-4'	1343.00			354		
MPH-004a-sm				1449.00			347		
MPH-004b-big			4-7.5'	2728.00		958	314		
MPH-004b-sm				5210.00		996	278		
MPH-005a-big	684405	5588183	0-4'				289		
MPH-005a-sm							537		
MPH-006a-big	684404	5588175	0-2.5'				1063		
MPH-006-sm							1477		
MPH-007-a-big	682211	5587182	0-3.5'				459		69
MPH-007-a-small							453		55
MPH-008-a	682209	5587178	0-3.5'	115.00			544		41
MPH-008-f				124.00		562	541		32
MPH-009-a	682177	5587268	0-2'	420.00			481		57
MPH-009-A				269.00			491	149	
MPH-009-a				201.00		434	508		
MPH-010-a-big	682178	5587266	0-4'	288.00		368	506		39
MPH-010-b			4-7'	227.00		377	511		36
MPH-010-a-small				479.00			457		49
MPH-010-b				316.00			462		
MPH-011-a-coarse	682221	5587268	0-2'	68.00			184		
MPH-012a-coarse	682231	5587298	0-4'	603.00			365		
MPH-012a-fine				219.00			451		
MPH-012b-coarse			4-8'	974.00			421		
MPH-012-fine				840.00		613	442		
MPH-013-coarse	682273	5587242	0-5'	133.00			441		
MPH-013-fine				137.00			400		
MPH-014-a-coars	682251	5587326	0-3.5'	1184.00			526		175
MPH-014-a-fine				1647.00		534	526		
MPH-015-a-coarse			0-2'	154.00			453		
MPH-015-a-fine				158.00		499	490		
MPH-016-a-coarse			0-2'	263.00			430		33
MPH-016-a-fine				368.00			436		16
MPH-017-a-coarse	682231	5587318	0-2'				20	4	177
MPH-017-a-fine							38		196
MPH-018-a-coarse	682276	5587252	0-4'	1932.00			311		87
MPH-018-a-fine				3029.00			328		42
PH4-A			0-2'	370.00		834	371		68
PH4-B			2-4'	265.00			470		42
PH4-C			4-6'	521.00			428		64
rock 1				3970.00					
rock 2				4907.00			644		
LP01-A							1056		50



MOST COPPER ASSAYS



Map center: 50° 24' 44" N, 120° 25' 1" W

Legend

- Indian Reserves
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 - Contour - Index.Indefinite
 - Contour - Index.Depression
 - Contour - Index.Depression Indefinite
 - Contour - Intermediate
 - Contour - Intermediate.Indefinite
 - Contour - Intermediate.Depression



Scale: 1:15,007

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.



Molybdenum Assay Map



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
 - Mineral Claim
 - Mineral Lease
- Mineral Reserves (current)
 - Placer Claim Designation
 - Placer Lease Designation
 - No Staking Reserve
 - Conditional Reserve
 - Release Required Reserve
 - Surface Restriction
 - Recreation Area
 - Others
- First Nations Treaty Related Lands
 - First Nations Treaty Lands
 - Integrated Cadastral Fabric
 - Survey Parcels
 - BCGS Grid
 - Contours (TRIM)
 - Contour - Index
 - Contour - Index.Indefinite
 - Contour - Index.Depression
 - Contour - Index.Depression Indefinite
 - Contour - Intermediate
 - Contour - Intermediate.Indefinite
 - Contour - Intermediate.Depression



Scale: 1:9,287

0 160 320 m.

Map center: 50° 24' 12" N, 120° 26' 26" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Molybdenum Assay Map

24



STUMP WEST GOLD HIGHLIGHTS



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)
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- First Nations Treaty Lands
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- Survey Parcels
- BCGS Grid
- Contours (TRIM)
- Contour - Index
- Contour - Index.Indefinite
- Contour - Index.Depression
- Contour - Index.Depression Indefinite
- Contour - Intermediate
- Contour - Intermediate.Indefinite
- Contour - Intermediate.Depression

0 275 550 m.

Map center: 50° 24' 52" N, 120° 25' 16" W



Scale: 1:15,000

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

25



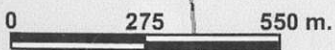
2014 COPPER ASSAYS



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
 - Mineral Claim
 - Mineral Lease
- Mineral Reserves (current)
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- First Nations Treaty Related Lands
 - First Nations Treaty Lands
 - Integrated Cadastral Fabric
 - Survey Parcels
 - BCGS Grid
- Contours (TRIM)
 - Contour - Index
 - Contour - Index.Indefinite
 - Contour - Index.Depression
 - Contour - Index.Depression Indefinite
 - Contour - Intermediate
 - Contour - Intermediate.Indefinite
 - Contour - Intermediate.Depression

Scale: 1:15,000



Map center: 50° 24' 38" N, 120° 25' 42" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

2014 PERCUSSION HOLES



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (TRIM)
 - Contour - Index
 - Contour - Index.Indefinite
 - Contour - Index.Depression
 - Contour - Index.Depression Indefinite
 - Contour - Intermediate
 - Contour - Intermediate.Indefinite
 - Contour - Intermediate.Depression

Scale: 1:1,000

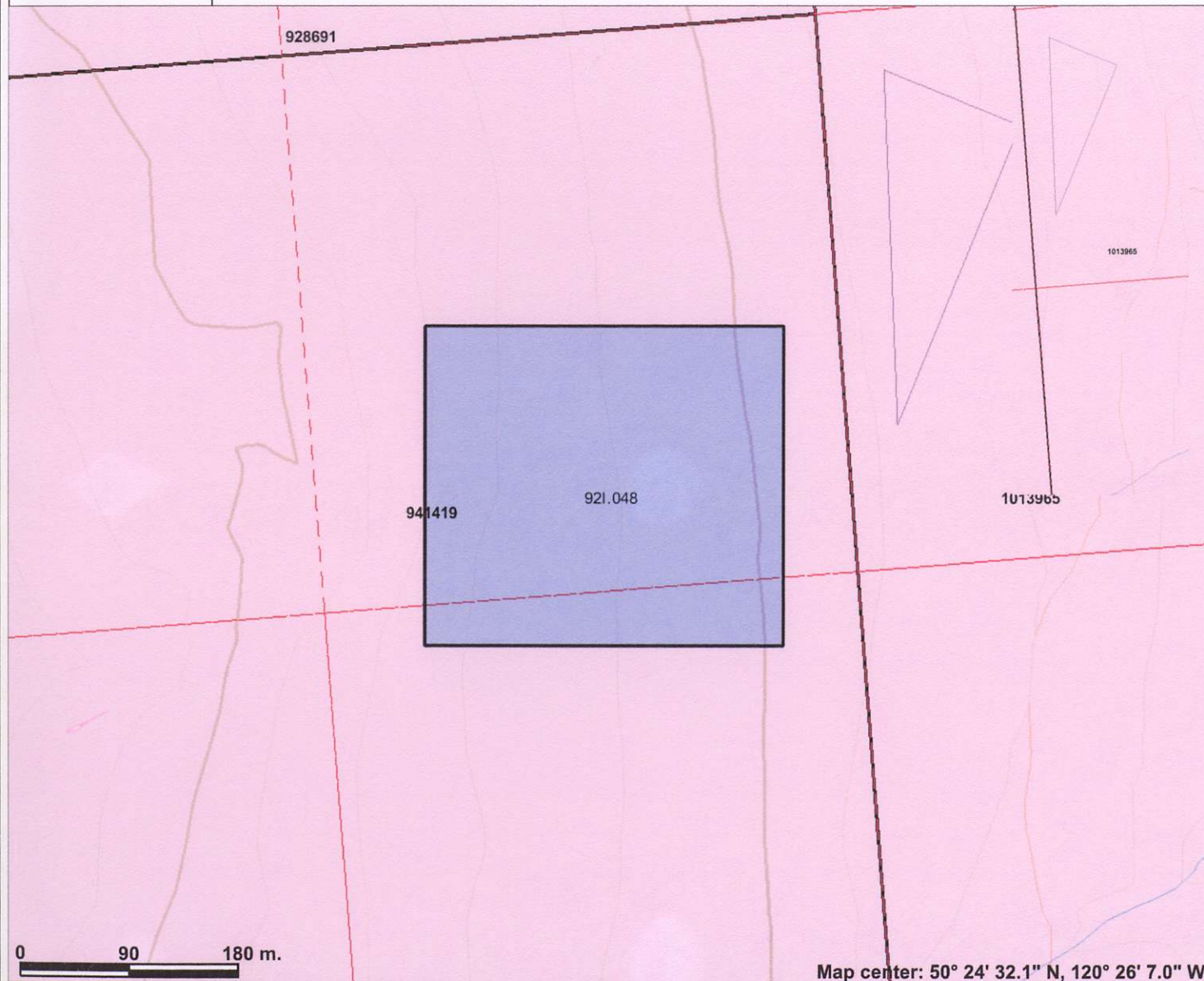
0 18 36 m.

Map center: 50° 24' 32.1" N, 120° 26' 7.0" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.



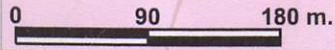
WEST PERCUSSION HOLES LOCATION



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (TRIM)
- Contour - Index
- Contour - Index.Indefinite
- Contour - Index.Depression
- Contour - Index.Depression Indefinite
- Contour - Intermediate
- Contour - Intermediate.Indefinite
- Contour - Intermediate.Depression

Scale: 1:5,000



Map center: 50° 24' 32.1" N, 120° 26' 7.0" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: PERCUSSION HOLES LOCATION AREA WITHIN BLUE BOX.



PERCUSSION HOLE LOCATIONS



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
 - Mineral Claim
 - Mineral Lease
- Mineral Reserves (current)
 - Placer Claim Designation
 - Placer Lease Designation
 - No Staking Reserve
 - Conditional Reserve
 - Release Required Reserve
 - Surface Restriction
 - Recreation Area
 - Others
- First Nations Treaty Related Lands
 - First Nations Treaty Lands
 - Integrated Cadastral Fabric
 - Survey Parcels
- BCGS Grid
 - Contours (1:250K)
 - Contour - Index
 - Contour - Intermediate
 - Area of Exclusion
 - Area of Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)



Scale: 1:20,000

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

e: Percussion Hole Notes			
Hole #	Depth	Hcl (Chalcocite test with iron nail)	0poor-5good
MPH-001	A 0 TO 4 FEET	fizz(carbonate)	4
	B 4 TO 6 FEET	fizz	4
MPH-002	A 0 TO 4 FEET	fizz	2
	B 4 TO 7.5 FEET	fizz	3
MPH-003	A 0 TO 1.5 FEET		1
	B 1.5 TO 4 FEET		0
	C 4 TO 5.5 FEET		3
MPH-004	A 0 TO 4 FEET		3
	B 4 TO 7.5 FEET	fizz	4
MPH-005	A 0 TO 4 FEET	fizz	0
MPH-006	A 0 TO 2.5 FEET	fizz	0
MPH-007	A 0 TO 3.5 FEET	fizz	2
MPH-008	A 0 TO 3.5 FEET	fizz	2
MPH-009	A 0 TO 2 FEET		1
MPH-010	A 0 TO 4 FEET		3
	B 4 TO 7 FEET		3
MPH-011	A 0 TO 2 FEET	fizz	2
MPH-012	A 0 TO 4 FEET	fizz	2
	B 4 TO 8 FEET	fizz	4
MPH-013	A 0 TO 5 FEET		2
MPH-014	A 0 TO 3.5 FEET	fizz	3
MPH-015	A 0 TO 2 FEET	fizz	1
MPH-016	A 0 TO 2 FEET		2
MPH-017	A 0 TO 2 FEET		2
MPH-018	A 0 TO 4 FEET	fizz	3
MPH-019	A 0 TO 2 FEET		2

f: Prospecting Drill Hole Locations

MAN-14-001 and MAN-14-002 were from the same GPS location on a excellent area of mineralization called the "Manto" zone. The two holes were 48 feet and 52 feet respectively. Both had an azimuth of 345°. Hole MAN-14-001 had a dip of -38.5 and MAN-14-002 had a dip of -58.5°.

g: Prospecting Drill Hole Logs

Stump West Prospector Drill Hole	MAN-14-001	Logged by L.C. Marlow				Easting		
Manto Zone Sept-Oct 2014	345°	Dip	-38.5°		Northing			
Footage description	Azimuth notes	Cu	Au	Ag	Mo	Bi	Te	Co
0 to 0.21 m amphibole schist	variable orientation							
0.21 to 0.457m amphibole	variable							
0.457 to 1.5m biotite amp sch.	variable							
1.5 to 6.25m amphibole schist	variable							
6.25 to 6.7m biotite clorite gneiss	variable fine grain							
6.7 to 7.65m amphibole schist	variable							
7.65 to 9.14m pyroxenites	no schistosity							
9.14 to 9.6m biotite clorite gneiss								
9.6 to 9.75m chlorite biotie schist								
9.75 to 11.0m biotite clorite gneiss								
11.0 to 13.81m pyroxenites								
13.81 to 14.17m amphibole schist								
14.17 to 14.63m Aplite dyke? possibly recrystallized qtz	EOH							

A mylonite or migmatite is what all of the amphibole rock types could be called but we differentiated a little between biotite rich, chlorite rich schists and gneisses. The other two rock types are a pyroxenite and aplite dykes.



PROSPECTING DRILL HOLE LOCATIONS



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
 - Mineral Claim
 - Mineral Lease
 - Mineral Reserves (current)
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 - First Nations Treaty Related Lands
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- Survey Parcels
- BCGS Grid
- Contours (TRIM)
 - Contour - Index
 - Contour - Index.Indefinite
 - Contour - Index.Depression
 - Contour - Index.Depression Indefinite
 - Contour - Intermediate
 - Contour - Intermediate.Indefinite
 - Contour - Intermediate.Depression

0 90 180 m.

Map center: 50° 24' 32.6" N, 120° 26' 4.8" W



Scale: 1:5,000

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Stump West Prospector Drill Hole	MAN-14-002	Logged by L.C. Marlow	Easting						
Manto Zone Sept-Oct 2014	345°	Dip	Northing						
Footage description	Azimuth	notes	Cu	Au	Ag	Mo	Bi	Te	Co
0 to 4.57m									
biotite amphibole schist		variable							
4.57 to 7.92m									
biotite amp sch.									
7.92 to 8.22m		no schistosity							
pyroxenites									
(cumulate porphyry??)									
8.22 to 8.84m		variable							
biotite amp sch.									
8.84 to 9.14m		minimal							
pyroxenites		schistosity							
9.14 to 10.05m		variable							
chlorite biotite schist									
10.05 to 11.58m		fine grain							
biotite gneiss		aplite dykes at							
		10.3 and 11.3m							
11.58 to 13.56m		minimal							
pyroxenites		schistosity							
13.56 to 14.02m		variable							
biotite chlorite schist									
14.02 to 15.55m		minimal							
amphibole		schistosity							
EOH									

h: Prospecting Drill Hole Assays

Activation Laboratories Ltd.

Report: A14-07838

Results

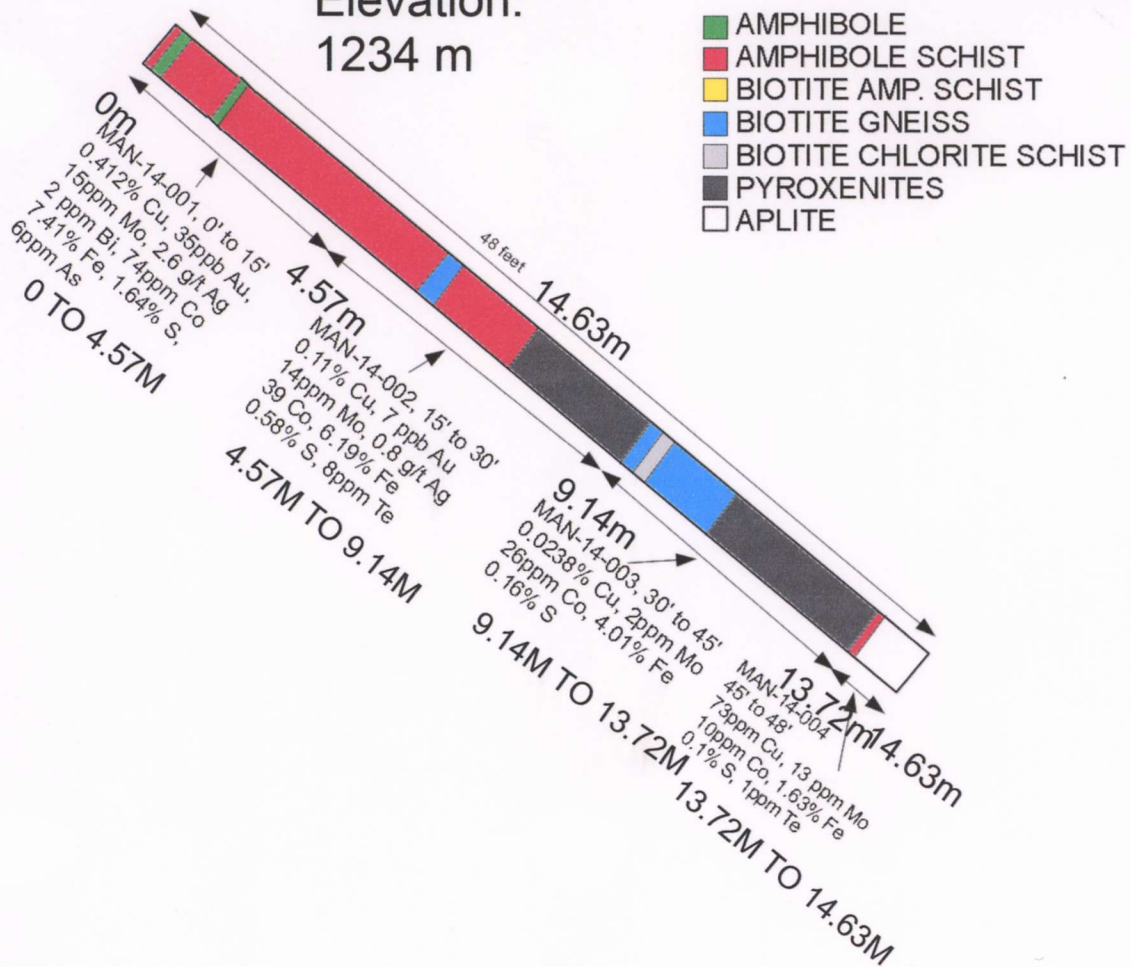
Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
MAN-14-001	35	2.6	2.0	4120	304	15	32	<2	54	2.42	6	<10	32	0.7	2	2.75	74	53	7.41	<10	<1	0.66	<10
MAN-14-002	7	0.8	0.8	1100	386	14	28	<2	37	3.28	<2	<10	86	<0.5	<2	2.57	39	69	6.19	<10	<1	1.25	<10
MAN-14-003	<5	<0.2	<0.5	238	373	2	24	<2	34	2.64	<2	<10	270	<0.5	<2	2.00	26	54	4.01	<10	<1	1.05	<10
MAN-14-004	<5	<0.2	<0.5	73	358	13	9	<2	26	1.09	<2	<10	67	<0.5	<2	0.86	10	24	1.63	<10	<1	0.41	<10
MAN-14-005	21	1.3	1.0	2250	271	14	23	<2	34	2.28	<2	<10	50	<0.5	2	3.48	47	57	5.92	<10	<1	0.80	<10
MAN-14-006	10	0.8	0.7	1150	327	19	29	<2	30	2.99	<2	<10	55	<0.5	<2	2.01	40	57	5.14	<10	<1	1.25	<10
MAN-14-007	<5	<0.2	<0.5	174	443	1	29	<2	25	2.64	<2	<10	205	<0.5	<2	2.12	28	61	4.31	<10	<1	1.04	<10

i: Prospecting Drill Hole Cross Sections

Prospectors Drill Hole MAN-14-001
AZIMUTH 345° DIP -38.5°

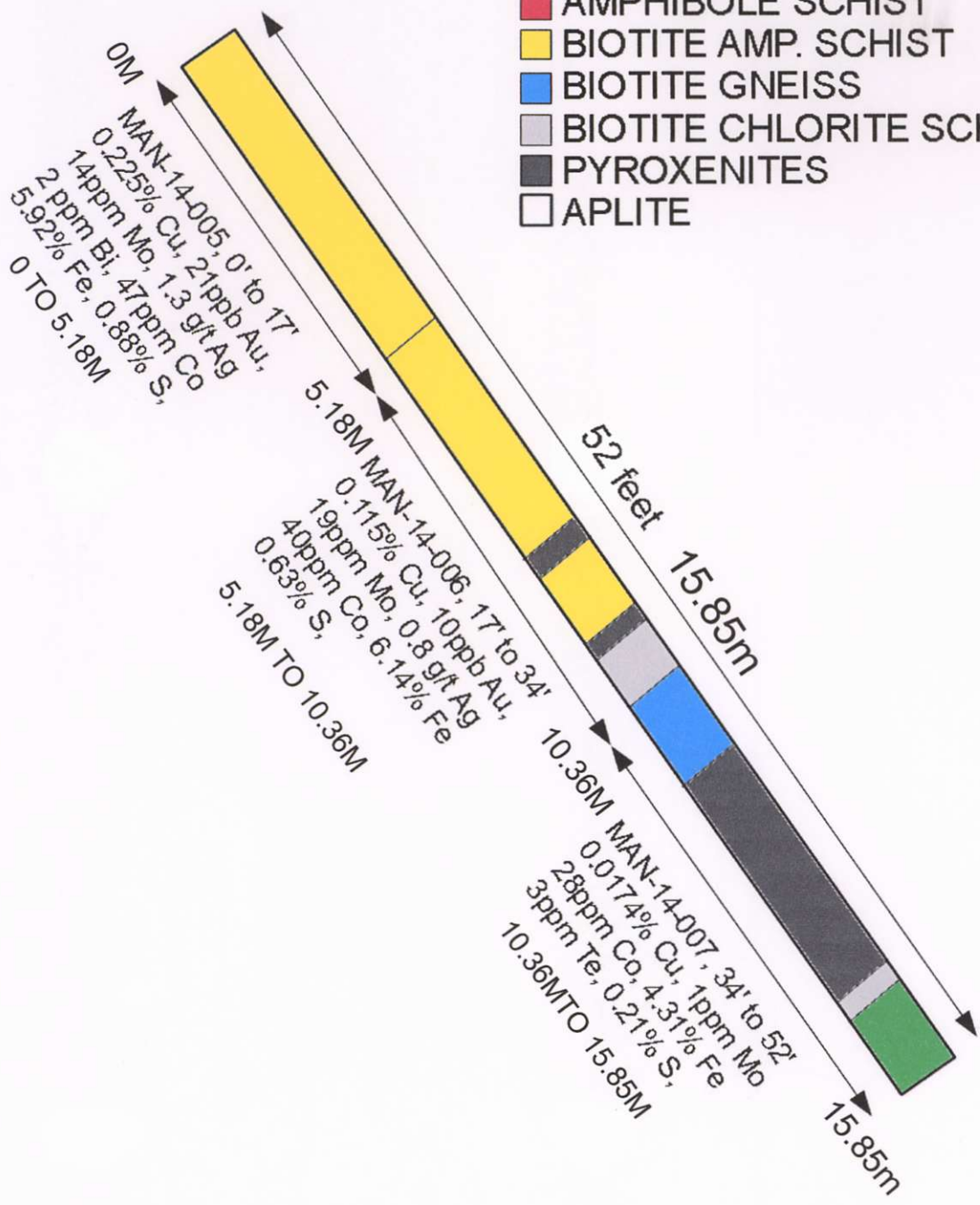
Easting: 682326 E
Northing: 5587466 N

Elevation:
1234 m



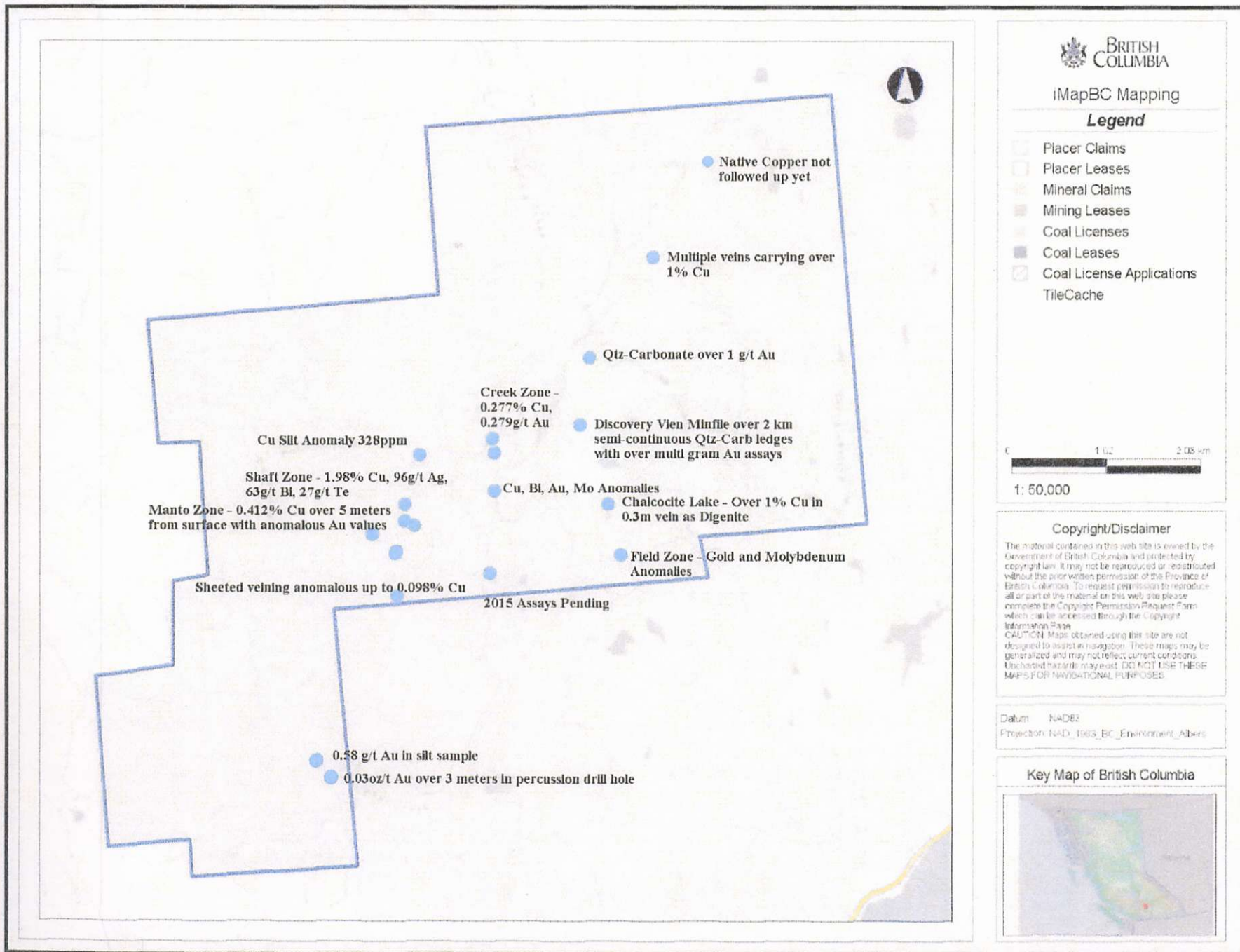
Prospectors Drill Hole MAN-14-002 Easting: 682326
 AZIMUTH 345° DIP -58.5° Northing: E
 Elevation: 1234 m 5587466
 N

- AMPHIBOLE
- AMPHIBOLE SCHIST
- BIOTITE AMP. SCHIST
- BIOTITE GNEISS
- BIOTITE CHLORITE SCHIST
- PYROXENITES
- APLITE



10. Interpretation Of Results

This work described in this report adds to the previous four years of exploration on the Stump West Property by the Marlow's. In addition of these assays with previous anomalies, the property potential was dramatically expanded in size along with finding some very promising zones with good drill sections from surface. Along with this area being overlooked in past programs, and most past assays did not include gold analysis, Stump West is an excellent location with minimal modern exploration. It is in the opinion of this author this property is in a sub-volcanic setting with multiple deposit types and formations. I believe this is a possible Intrusion Related Gold System due to several factors which include a strongly reduced areomagnetic signature, high fluorine, a continental sediment assemblage, Bismuth, molybdenum, gold and tellurium anomalies, under 0.5% sulphides typically, the metallogenic signature is favorable. Also, there is very little arsenic and antimony, it also has bismuth and tellerium which is usually indicative of being lower in the zoning or closer to the source.



11. Statement Of Costs

DATE	WORK ACTIVITY	LABOUR	EQUIPMENT	VEHICLE	FOOD	OTHER	FOOTAGE
04/10/14	PROSPECTING	2 MEN @ 700		90	2MEN @ 80		
04/11/14	DROPPED SAMPLES	OFF AT ACTLABS				236.88	
04/15/14	PROSPECTING	350		90	40		
04/17/14	PROSPECTING	350		90	40		
04/18/14	PROSPECTING	700		90	80		
04/19/14	PROSPECTING	700		90	80		
04/21/14	PROSPECTING	700		90	80		
04/22/14	DROPPED SAMPLES					157.92	
04/27/14	PROSPECTING	700		90	80		
04/28/14	DROPPED SAMPLES					158.97	
04/29/14	PROSPECTING	350		90	40		
04/30/14	DROPPED SAMPLES					396.38	
05/03/14	PROSPECTING	700		90	80		
05/08/14	PROSPECTING	350		90	40		
05/10/14	PROSPECTING	700		90	80		
05/13/14	DROPPED SAMPLES					157.5	
05/25/14	PROSPECTING	700		90	80		
05/28/14	DROPPED SAMPLES					157.5	
06/12/14	PROSPECTING	700		90	80		
06/14/14	PROSPECTING	350		90	40		
07/22/14	PROSPECTING	350	PIONJAR 30	90	40		
07/23/14	PROSPECTING	350	PIONJAR 30	90	40		
07/24/14	PROSPECTING	175					
07/25/14	PROSPECTING	700	PIONJAR 30	90	80		
08/01/14	PROSPECTING	700	PIONJAR 30	90	80		
08/03/14	PROSPECTING	175	PIONJAR 30	90	40		
08/04/14	PROSPECTING	350	PIONJAR 30	90	40		
08/05/14	PROSPECTING	175					
08/29/14	PROSPECT DRILL	900	CAMP 50	200	80		
08/30/14	PROSPECT DRILL	450	CAMP 50	40	80	25 (CHAINSAW)	
09/01/14	FROSPECT DRILL	450	CAMP 50	50	80	20 (PUMP)	
09/02/14	FROSPECT DRILL	900	PIONJAR 30/CAMP 50	120	80	65 (PUMPS AND CHAINSAW)	
09/03/14	PROSPECT DRILL	900	CAMP 50	100	80	65 (PUMPS AND CHAINSAW)	110
09/04/14	PROSPECT DRILL	900	CAMP 50	60	80	65 (PUMPS AND CHAINSAW)	130
09/05/14	PROSPECT DRILL	900	CAMP 50	60	80	65 (PUMPS AND CHAINSAW)	210
09/05/14	FROSPECT DRILL	900		120	80		45
09/20/14	DROPPED SAMPLES					275.63	
REPORT PREP	7 DAYS @ 250						1750
		16625	560	2550	1880	1845.78	2245
		GRAND TOTAL	\$25,705.78				


Pionjar 120- Gas powered Percussion Drill @ 30.00 FUEL INC

13. Qualifications, Date and Signature page

I, Jeremy Marlow, of Kamloops, BC do hereby certify that:

- I am a third generation prospector from the city of Kamloops British Columbia.
- I have worked in the mining industry since 14 years of age when I started with Teck Exploration Ltd
- I am the author and am responsible for the preparation of this report
- I acted as the field level one first aid person on site.
- Dated at Kamloops, British Columbia, this 10th day of April, 2015

Respectfully submitted,



Jeremy Marlow

12. Analysis Sheets

Quality Analysis ...



Innovative Technologies

This is your final copy. If you require an original to be mailed by post please advise, otherwise this email will be deemed sufficient.

Invoice No.: A14-02469
Purchase Order:
Invoice Date: 23-Apr-14
Date submitted: 11-Apr-14
Your Reference: Stump West
GST #: R121979355

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: Jeremy Marlow

INVOICE

Table with 4 columns: No. samples, Description, Unit Price, Total. Rows include RX1-T (Kamloops), 1E3-Kamloops, 1A2-Kamloops, disposal, Subtotal, GST-BC-5%, and AMOUNT DUE: (CAD) \$ 158.97.

Net 30 days. 1 1/2 % per month charged on overdue accounts.

THE ABOVE AMOUNT HAS BEEN CHARGED TO MC. THANK YOU! AUTH#04821Z- APRIL 28/14

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client. Thank you!

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613

E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE http://www.actlabs.com





Date Submitted: 11-Apr-14
Invoice No.: A14-02469
Invoice Date: 16-Apr-14
Your Reference: Stump West

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: Jeremy Marlow

CERTIFICATE OF ANALYSIS

4 Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Kamloops Au - Fire Assay AA
Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT **A14-02469**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
JM.14-001	199	< 0.2	< 0.5	89	489	< 1	12	3	20	3.21	< 2	< 10	226	< 0.5	< 2	2.30	23	12	8.33	< 10	3	0.89	< 10
JM.14-002	< 5	< 0.2	< 0.5	9	117	8	< 1	< 2	20	0.26	< 2	< 10	21	< 0.5	34	0.04	< 1	16	0.40	< 10	< 1	0.10	< 10
JM.14-003	< 5	< 0.2	< 0.5	38	476	< 1	28	< 2	18	1.64	< 2	< 10	58	0.6	< 2	1.97	18	73	1.95	< 10	< 1	0.17	< 10
JM.14-004	8	< 0.2	< 0.5	150	371	< 1	31	< 2	37	1.88	< 2	< 10	108	< 0.5	< 2	1.69	28	64	3.09	< 10	< 1	0.51	< 10

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Ta	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
JM.14-001	2.01	0.153	0.130	0.22	2	7	103	0.42	1	< 2	< 10	164	< 10	7	2
JM.14-002	0.03	0.055	0.007	0.01	< 2	1	5	0.02	< 1	< 2	< 10	5	< 10	5	2
JM.14-003	1.25	0.103	0.085	0.01	< 2	8	74	0.22	< 1	< 2	< 10	04	< 10	4	2
JM.14-004	1.54	0.089	0.112	0.75	< 2	7	53	0.26	< 1	< 2	< 10	79	< 10	4	2

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		31.2	2.7	1090	746	14	34	562	711	0.38	390	10	245	0.8	1510	0.71	8	8	21.6	< 10	3	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	780	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.8	< 0.5	6140	137	311	40	98	73	3.12	103	< 10	56	1.4	19	6.83	13	56	3.23	< 10	< 1	1.69	46
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	78.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.4	< 0.5	71	1020	2	27	98	123	7.53	228	< 10	775	0.8	< 2	0.10	15	84	6.34	20	4	1.12	< 10
GXR-6 Cert		1.30	1.00	65.0	1010	2.40	27.0	101	118	17.7	330	6.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
SAR-M (U.S.G.S.) Meas		3.2	5.5	328	4310	12	38	1040	1020	1.20	39		203	1.1	< 2	3.29	11	89	2.60	< 10		0.26	54
SAR-M (U.S.G.S.) Cert		3.64	5.27	331	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
SF57 Meas	876																						
SF57 Cert	848.000																						
OxD108 Meas	421																						
OxD108 Cert	414.000																						
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2120				51	281	3.17	4				0.38	19			5.31				
OREAS 922 (AQUA REGIA) Cert		0.851	0.280	2176				60	256	2.72	6.12				0.324	19.4			5.05				
OREAS 923 (AQUA REGIA) Meas		1.7	1.0	4180				73	331	3.12	3				0.38	21			5.94				
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248				81	335	2.80	7.07				0.326	22.2			5.91				
JM.14-002 Orig	< 5																						
JM.14-002 Dup	6																						
JM.14-004 Orig		< 0.2	< 0.5	150	369	< 1	31	< 2	37	1.66	< 2	< 10	105	< 0.5	< 2	1.89	28	64	3.07	< 10	< 1	0.51	< 10
JM.14-004 Dup		< 0.2	< 0.5	150	373	1	31	< 2	37	1.70	< 2	< 10	110	< 0.5	< 2	1.89	28	64	3.10	< 10	< 1	0.51	< 10
Method Blank	< 5																						
Method Blank	< 5																						

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.13	0.043	0.041	0.17	80	< 1	165	< 0.01	3	< 2	30	79	140	28	12
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.71	0.119	0.121	1.59	4	5	73	0.18	< 1	4	< 10	82	16	9	7
GXR-4 Cert	1.86	0.584	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.43	0.067	0.032	0.01	3	11	22		< 1	< 2	< 10	166	< 10	4	4
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SAR-M (U.S.G.S.) Meas	0.35	0.032	0.065		5	3	32	0.07	< 1	< 2	< 10	36	< 10	23	
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.76	28.00	
SF57 Meas															
SF57 Cert															
OxD108 Meas															
OxD108 Cert															
OREAS 922 (AQUA REGIA) Meas	1.43			0.32	2										

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 922 (AQUA REGIA) Cert	1.33			0.386	0.57										
OREAS 923 (AQUA REGIA) Meas	1.50			0.56	3										
OREAS 923 (AQUA REGIA) Cert	1.43			0.684	0.58										
JM.14-002 Orig															
JM.14-002 Dup															
JM.14-004 Orig	1.54	0.069	0.111	0.75	< 2	7	53	0.26	< 1	< 2	< 10	78	< 10	4	2
JM.14-004 Dup	1.55	0.070	0.113	0.75	2	7	54	0.26	< 1	< 2	< 10	80	< 10	4	2
Method Blank															
Method Blank															

Quality Analysis ...



Innovative Technologies

This is your final copy. If you require an original to be mailed by post please advise, otherwise this email will be deemed sufficient.

Invoice No.: A14-02681
Purchase Order:
Invoice Date: 28-Apr-14
Date submitted: 22-Apr-14
Your Reference: Stump
GST #: R121979355

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: Jeremy Marlow

INVOICE

Table with 4 columns: No. samples, Description, Unit Price, Total. Rows include RX1-T (Kamloops), 1E3-Kamloops, 1A2-Kamloops, disposal, Subtotal, GST-BC-5%, and AMOUNT DUE: (CAD) \$ 396.38.

Net 30 days. 1 1/2 % per month charged on overdue accounts.

THE ABOVE AMOUNT HAS BEEN CHARGED TO MC. THANK YOU! AUTH#01032Z- APRIL 30/14

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client. Thank you!

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613

E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE http://www.actlabs.com





Date Submitted: 22-Apr-14
Invoice No.: A14-02681 (i)
Invoice Date: 25-Apr-14
Your Reference: Stump

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: Jeremy Marlow

CERTIFICATE OF ANALYSIS

10 Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Kamloops Au - Fire Assay AA
Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT **A14-02681 (i)**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Eric Hoffman".

Eric Hoffman Ph.D.
President/General Manager

ACTIVATION LABORATORIES LTD.

9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
JM14-005	7	0.3	< 0.5	20	371	4	2	2	13	0.55	8	< 10	17	< 0.5	2	0.04	< 1	25	0.45	< 10	< 1	0.08	< 10
JM14-007	< 5	< 0.2	< 0.5	54	518	4	12	< 2	18	0.73	< 2	< 10	59	< 0.5	< 2	1.28	8	22	1.24	< 10	< 1	0.08	< 10
JM14-015	< 5	< 0.2	< 0.5	8	482	3	1	2	12	0.27	< 2	< 10	22	< 0.5	15	0.03	< 1	24	0.39	< 10	< 1	0.11	< 10
JM14-018	< 5	8.0	< 0.5	11	509	8	2	29	26	0.41	< 2	< 10	36	< 0.5	13	0.03	< 1	23	0.54	< 10	< 1	0.10	< 10
JM14-019	< 5	< 0.2	< 0.5	7	292	< 1	< 1	< 2	27	0.31	< 2	< 10	33	< 0.5	< 2	0.03	< 1	15	0.36	< 10	< 1	0.13	< 10
JM14-020	< 5	< 0.2	< 0.5	3	254	6	2	< 2	22	0.25	< 2	< 10	15	< 0.5	8	0.02	< 1	44	0.39	< 10	< 1	0.10	< 10
JM14-021	< 5	< 0.2	< 0.5	4	128	3	< 1	3	7	0.25	< 2	< 10	18	< 0.5	< 2	0.08	< 1	42	0.41	< 10	< 1	0.15	< 10
JM14-022	< 5	< 0.2	< 0.5	10	170	51	3	4	27	0.36	< 2	< 10	31	< 0.5	173	0.02	< 1	22	0.63	< 10	< 1	0.19	< 10
JM14-023	< 5	< 0.2	< 0.5	3	25	16	2	2	4	0.04	< 2	< 10	20	< 0.5	75	< 0.01	< 1	67	0.56	< 10	< 1	0.05	< 10
JM14-024	< 5	< 0.2	< 0.5	5	23	110	4	17	8	0.02	< 2	< 10	13	< 0.5	403	0.01	< 1	91	0.53	< 10	< 1	< 0.01	< 10

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
JM14-005	0.01	0.058	0.004	< 0.01	< 2	2	3	< 0.01	< 1	< 2	< 10	4	< 10	20	3
JM14-007	0.07	0.070	0.064	0.29	< 2	2	40	0.21	2	< 2	< 10	30	< 10	11	3
JM14-015	< 0.01	0.066	0.007	< 0.01	< 2	1	7	< 0.01	< 1	< 2	< 10	3	< 10	31	3
JM14-018	< 0.01	0.073	0.006	0.02	< 2	2	4	< 0.01	< 1	< 2	< 10	4	< 10	19	5
JM14-019	0.02	0.071	0.008	< 0.01	< 2	1	5	< 0.01	< 1	< 2	< 10	3	< 10	21	1
JM14-020	< 0.01	0.077	0.003	< 0.01	< 2	1	2	< 0.01	< 1	< 2	< 10	2	< 10	9	2
JM14-021	< 0.01	0.067	0.026	< 0.01	< 2	< 1	4	< 0.01	< 1	< 2	< 10	2	< 10	14	< 1
JM14-022	0.02	0.074	0.009	0.03	< 2	1	4	0.02	< 1	< 2	< 10	6	< 10	8	2
JM14-023	< 0.01	0.016	0.002	0.08	< 2	< 1	2	< 0.01	< 1	< 2	< 10	2	< 10	< 1	< 1
JM14-024	< 0.01	0.015	0.004	0.01	< 2	< 1	2	< 0.01	< 1	< 2	< 10	3	< 10	< 1	< 1

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		33.0	2.5	1180	767	14	41	586	735	0.40	402	< 10	287	0.8	1440	0.74	6	10	22.4	< 10	3	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.9	< 0.5	8180	146	331	41	42	79	3.15	111	< 10	40	1.5	< 2	0.92	15	80	3.20	10	< 1	1.65	45
GXR-4 Cert		4.0	0.860	8520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.4	< 0.5	74	1060	2	27	95	127	7.88	251	< 10	812	0.9	< 2	0.11	14	89	6.28	20	< 1	1.15	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
SAR-M (U.S.G.S.) Meas		3.3	5.5	312	4720	13	43	1070	1120	1.30	44		209	1.2	< 2	0.30	11	102	2.74	< 10		0.28	51
SAR-M (U.S.G.S.) Cert		3.64	5.27	331	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
SF57 Meas	863																						
SF57 Cert	848.000																						
OxD108 Meas	450																						
OxD108 Cert	414.000																						
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2180				60	256	2.72	6					0.32	19		5.05				
OREAS 922 (AQUA REGIA) Cert		0.851	0.280	2176				60	256	2.72	6.12					0.324	19.4		5.05				
OREAS 923 (AQUA REGIA) Meas		1.6																					
OREAS 923 (AQUA REGIA) Cert		1.62																					
JM14-020 Orig	< 5																						
JM14-020 Dup	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.14	0.043	0.043	0.18	83	< 1	177	< 0.01	2	< 2	30	85	159	28	12
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	36.0
GXR-4 Meas	1.71	0.116	0.124	1.64	5	5	72	0.18	< 1	2	< 10	82	17	10	7
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	188
GXR-6 Meas	0.44	0.070	0.034	0.01	3	12	23		< 1	6	< 10	179	< 10	4	5
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	166	1.90	14.0	110
SAR-M (U.S.G.S.) Meas	0.36	0.031	0.065		5	3	33	0.07	< 1	< 2	< 10	39	< 10	21	
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00	
SF57 Meas															
SF57 Cert															
OxD108 Meas															
OxD108 Cert															
OREAS 922 (AQUA REGIA) Meas	1.33			0.39	< 2										

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 922 (AQUA REGIA) Cert	1.33			0.388	0.57										
OREAS 923 (AQUA REGIA) Meas															
OREAS 923 (AQUA REGIA) Cert															
JM14-020 Orig															
JM14-020 Dup															
Method Blank															
Method Blank															

Quality Analysis ...



Innovative Technologies

This is your final copy. If you require an original to be mailed by post please advise, otherwise this email will be deemed sufficient.

Invoice No.: A14-02843
Purchase Order:
Invoice Date: 07-May-14
Date submitted: 28-Apr-14
Your Reference: Stump
GST #: R121979355

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: Jeremy Marlow

INVOICE

Table with 4 columns: No. samples, Description, Unit Price, Total. Rows include RX1-T (Kamloops), 1E3-Kamloops, 1A2-Kamloops, Subtotal, GST-BC-5%, and AMOUNT DUE: (CAD) \$ 157.92.

Net 30 days. 1 1/2 % per month charged on overdue accounts.

THE ABOVE AMOUNT HAS BEEN CHARGED TO MC. THANK YOU! AUTH#03729Z-MAY 9/14

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client. Thank you!

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613

E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE http://www.actlabs.com





Date Submitted: 28-Apr-14
Invoice No.: A14-02843
Invoice Date: 06-May-14
Your Reference: Stump

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: Jeremy Marlow

CERTIFICATE OF ANALYSIS

4 Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Kamloops Au - Fire Assay AA
Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT **A14-02843**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eserne , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
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Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
JM14-028	< 5	< 0.2	< 0.5	11	217	2	< 1	2	42	0.38	12	< 10	30	< 0.5	< 2	0.08	< 1	10	0.48	< 10	< 1	0.13	< 10
JM14-027	< 5	< 0.2	< 0.5	15	289	< 1	< 1	3	67	0.54	< 2	< 10	49	< 0.5	< 2	0.07	< 1	11	0.64	< 10	< 1	0.22	< 10
JM14-028	< 5	< 0.2	< 0.5	82	211	136	3	11	36	0.24	3	< 10	34	0.7	59	0.04	1	82	1.49	< 13	< 1	0.06	< 10
JM14-029	< 5	< 0.2	< 0.5	27	274	2	< 1	6	18	0.22	< 2	< 10	< 10	< 0.5	< 2	0.02	< 1	23	0.35	< 10	< 1	0.07	< 10

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
JM14-026	0.06	0.072	0.014	0.01	< 2	2	6	0.02	< 1	< 2	< 10	7	< 10	14	2
JM14-027	0.09	0.087	0.021	< 0.01	< 2	2	6	0.06	< 1	< 2	< 10	9	< 10	11	3
JM14-028	0.01	0.045	0.016	< 0.01	< 2	< 1	5	< 0.01	< 1	< 2	< 10	17	< 10	12	5
JM14-029	< 0.01	0.058	0.007	< 0.01	< 2	1	1	< 0.01	< 1	< 2	< 10	6	< 10	16	3

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		30.7	2.2	1180	770	13	35	591	742	0.40	390	10	348	0.8	1510	0.74	5	7	21.8	< 10	3	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.980	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.6	< 0.5	8130	136	320	39	43	70	3.12	107	< 10	48	1.5	22	0.87	14	58	3.08	< 10	< 1	1.85	50
GXR-4 Cert		4.0	0.860	8520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1840	1.90	19.0	1.01	14.8	64.0	3.09	20.0	0.110	4.01	84.5
GXR-6 Meas		0.3	< 0.5	74	1040	1	27	94	131	8.05	254	< 10	804	0.9	< 2	0.11	13	88	6.38	10	2	1.13	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	98.0	5.58	35.0	0.0680	1.87	13.9
SAR-M (U.S.G.S.) Meas		4.0	5.6	333	4850	13	44	1140	1160	1.32	41		215	1.2	2	0.31	12	104	2.84	< 10		0.28	55
SAR-M (U.S.G.S.) Cert		3.64	5.27	331	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
SF57 Meas	900																						
SF57 Cert	848.000																						
OxD108 Meas	430																						
OxD108 Cert	414.000																						
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2220				80	264	3.23	7					0.42	21		5.39				
OREAS 922 (AQUA REGIA) Cert		0.851	0.280	2176				60	256	2.72	6.12					0.324	19.4		5.05				
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4360				76	341	3.36	3					0.42	21		6.00				
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248				81	335	2.80	7.07					0.326	22.2		5.91				
JM14-027 Orig	< 5																						
JM14-027 Dup	< 5																						
JM14-029 Orig		0.2	< 0.5	27	268	3	1	8	18	0.22	< 2	< 10	< 10	< 0.5	< 2	0.02	< 1	21	0.34	< 10	< 1	0.07	< 10
JM14-029 Dup		< 0.2	< 0.5	28	281	1	< 1	8	18	0.22	< 2	< 10	< 10	< 0.5	< 2	0.02	< 1	24	0.36	< 10	< 1	0.07	< 10
Method Blank	< 5																						
Method Blank	< 5																						

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Tl	Ta	Ti	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.14	0.043	0.042	0.17	81	< 1	189	< 0.01	8	< 2	27	79	159	27	13
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	184	32.0	38.0
GXR-4 Meas	1.70	0.113	0.122	1.59	5	5	73	0.19	< 1	3	< 10	81	17	10	7
GXR-4 Cert	1.86	0.584	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.45	0.069	0.034	0.01	3	12	23		< 1	4	< 10	179	< 10	4	7
GXR-6 Cert	0.609	0.104	0.0350	0.0180	3.80	27.8	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SAR-M (U.S.G.S.) Meas	0.39	0.033	0.068		5	3	34	0.08	2	< 2	< 10	40	< 10	23	
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	87.2	9.78	28.00	
SF57 Meas															
SF57 Cert															
OxD108 Meas															
OxD108 Cert															
OREAS 922 (AQUA REGIA) Meas	1.51			0.34	3										

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 922 (AQUA REGIA) Cert	1.33			0.386	0.57										
OREAS 923 (AQUA REGIA) Meas	1.58			0.58	2										
OREAS 923 (AQUA REGIA) Cert	1.43			0.684	0.58										
JM14-027 Orig															
JM14-027 Dup															
JM14-029 Orig	< 0.01	0.058	0.006	< 0.01	< 2	1	1	< 0.01	< 1	< 2	< 10	5	< 10	15	3
JM14-029 Dup	< 0.01	0.059	0.007	< 0.01	< 2	1	1	< 0.01	< 1	< 2	< 10	5	< 10	16	4
Method Blank															
Method Blank															

Quality Analysis ...



Innovative Technologies

This is your final copy. If you require an original to be mailed by post please advise, otherwise this email will be deemed sufficient.

Invoice No.: **A14-02900**
Purchase Order:
Invoice Date: **13-May-14**
Date submitted: **30-Apr-14**
Your Reference: **Stump**
GST #: **R121979355**

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: **Jeremy Marlow**

INVOICE

No. samples	Description	Unit Price	Total
6	RX1-T (Kamloops)	\$ 10.00	\$ 60.00
6	1E3-Kamloops	\$ 12.60	\$ 75.60
6	1A2-Kamloops	\$ 15.00	\$ 90.00
		Subtotal: :	\$ 225.60
		GST-BC-5% :	\$ 11.28
		AMOUNT DUE: (CAD) :	\$ 236.88

Net 30 days. 1 1/2 % per month charged on overdue accounts.

THE ABOVE AMOUNT HAS BEEN CHARGED TO MC. THANK YOU! AUTH#08419Z-MAY 15/14

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client. Thank you!

ACTIVATION LABORATORIES LTD.

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E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE <http://www.actlabs.com>



Quality Analysis ...



Innovative Technologies

Date Submitted: 30-Apr-14
Invoice No.: A14-02900
Invoice Date: 08-May-14
Your Reference: Stump

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: Jeremy Marlow

CERTIFICATE OF ANALYSIS

6 Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Kamloops Au - Fire Assay AA
Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT **A14-02900**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Ba	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICE	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
JM14-032	< 5	< 0.2	< 0.5	56	970	14	5	< 2	117	1.82	2	< 10	35	< 0.5	< 2	1.34	11	14	4.08	10	< 1	1.25	< 10
JM14-033	< 5	1.0	< 0.5	45	35	18	4	< 2	4	0.08	< 2	< 10	< 10	< 0.5	6	0.02	2	73	0.65	< 10	< 1	0.02	< 10
JM14-035	< 5	0.3	< 0.5	88	159	36	13	< 2	19	0.69	< 2	< 10	56	< 0.5	< 2	1.00	17	17	2.14	< 10	< 1	0.21	< 10
JM14-038	< 5	< 0.2	< 0.5	18	74	31	1	3	10	0.23	< 2	< 10	15	< 0.5	33	0.02	1	32	0.71	< 10	< 1	0.10	< 10
JM14-039	< 5	< 0.2	< 0.5	10	219	1	< 1	< 2	58	0.46	< 2	< 10	39	< 0.5	< 2	0.05	< 1	10	0.65	< 10	< 1	0.17	< 10
JM14-043	< 5	0.2	< 0.5	305	545	104	85	< 2	64	1.50	< 2	< 10	74	1.3	< 2	2.05	25	182	4.00	< 10	< 1	0.52	< 10

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AS-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
JM14-032	1.82	0.090	0.171	1.33	< 2	12	46	0.39	< 1	< 2	< 10	125	< 10	10	3
JM14-033	0.02	0.014	0.002	0.14	< 2	< 1	1	< 0.01	< 1	< 2	< 10	4	< 10	< 1	< 1
JM14-035	0.40	0.068	0.083	0.76	< 2	2	36	0.31	< 1	< 2	< 10	00	< 10	9	4
JM14-038	0.01	0.050	0.004	0.09	< 2	1	3	< 0.01	< 1	< 2	< 10	3	< 10	11	2
JM14-039	0.07	0.062	0.018	< 0.01	< 2	2	7	0.04	< 1	< 2	< 10	9	< 10	9	2
JM14-043	1.78	0.135	0.074	0.78	< 2	7	34	0.28	< 1	< 2	< 10	121	< 10	5	3

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	33.2	3.1	1160	775	14	31	581	717	0.39	409	< 10	303	0.8	1360	0.72	7	10	22.6	< 10	4	0.03	< 10	
GXR-1 Cert	31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50	
GXR-4 Meas	3.9	0.6	8060	141	328	40	41	75	3.08	111	< 10	23	1.5	33	6.90	14	80	3.15	< 10	< 1	1.59	48	
GXR-4 Cert	4.0	0.860	8520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.8	64.0	3.09	20.0	0.110	4.01	84.5	
GXR-6 Meas	0.5	< 0.5	76	1070	2	24	95	130	7.99	251	< 10	819	0.9	< 2	0.11	14	89	6.48	20	4	1.19	< 10	
GXR-6 Cert	1.30	1.00	86.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	
SAR-M (U.S.G.S.) Meas	2.9	5.1	297	4450	12	41	1010	1010	1.16	41			198	1.2	2	0.28	11	98	2.52	< 10		0.25	52
SAR-M (U.S.G.S.) Cert		3.64	5.27	331	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
SF57 Meas	830																						
SF57 Cert	848.000																						
OxD108 Meas	430																						
OxD108 Cert	414.000																						
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2270				57	283	3.39	5					0.42	20		5.59				
OREAS 922 (AQUA REGIA) Cert		0.851	0.280	2176				60	256	2.72	6.12					0.324	19.4		5.05				
OREAS 923 (AQUA REGIA) Meas		2.1	0.8	4510				77	354	3.36	8					0.41	22		6.28				
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248				81	335	2.80	7.07					0.326	22.2		5.91				
JM14-035 Orig	< 5																						
JM14-035 Dup	< 5																						
JM14-043 Orig		0.2	< 0.5	304	551	105	65	< 2	64	1.51	< 2	< 10	75	1.3	< 2	2.08	26	162	4.05	< 10	< 1	0.53	< 10
JM14-043 Dup		0.2	< 0.5	306	539	103	65	< 2	63	1.49	< 2	< 10	72	1.3	< 2	2.03	25	161	3.95	< 10	< 1	0.52	< 10
Method Blank	< 5																						
Method Blank	< 5																						

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.14	0.042	0.043	0.18	85	< 1	174	< 0.01	4	4	33	83	154	28	13
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.67	0.112	0.122	1.61	4	5	72	0.18	2	3	< 10	83	17	10	7
GXR-4 Cert	1.68	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	188
GXR-6 Meas	0.45	0.070	0.033	0.01	5	12	24		< 1	< 2	< 10	182	< 10	4	6
GXR-6 Cert	0.809	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SAR-M (U.S.G.S.) Meas	0.34	0.027	0.062		4	3	30	0.07	1	< 2	< 10	36	< 10	21	
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00	
SF57 Meas															
SF57 Cert															
OxD108 Meas															
OxD108 Cert															
OREAS 922 (AQUA REGIA) Meas	1.52			0.35	3										

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Tl	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 922 (AQUA REGIA) Cert	1.33			0.386	0.57										
OREAS 923 (AQUA REGIA) Meas	1.59			0.63	4										
OREAS 923 (AQUA REGIA) Cert	1.43			0.684	0.58										
JM14-035 Orig															
JM14-035 Dup															
JM14-043 Orig	1.80	0.137	0.073	0.78	< 2	7	34	0.28	1	< 2	< 10	122	< 10	5	3
JM14-043 Dup	1.76	0.134	0.074	0.78	< 2	7	33	0.27	< 1	< 2	< 10	118	< 10	5	3
Method Blank															
Method Blank															

Quality Analysis ...



Innovative Technologies

This is your final copy. If you require an original to be mailed by post please advise, otherwise this email will be deemed sufficient.

Invoice No.: A14-03249
Purchase Order:
Invoice Date: 28-May-14
Date submitted: 13-May-14
Your Reference: Stump
GST #: R121979355

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: Jeremy Marlow

INVOICE

No. samples	Description	Unit Price	Total
4	RX1-T (Kamloops)	\$ 10.00	\$ 40.00
4	1E3-Kamloops	\$ 12.50	\$ 50.00
4	1A2-Kamloops	\$ 15.00	\$ 60.00
		Subtotal: :	\$ 150.00
		GST-BC-5% :	\$ 7.50
		AMOUNT DUE: (CAD) :	\$ 157.50

Net 30 days. 1 1/2 % per month charged on overdue accounts.

THE ABOVE AMOUNT HAS BEEN CHARGED TO MC. THANK YOU! AUTH#08280Z-MAY 29/14

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client. Thank you!

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613

E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE <http://www.actlabs.com>





Date Submitted: 13-May-14
Invoice No.: A14-03249
Invoice Date: 23-May-14
Your Reference: Stump

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: Jeremy Marlow

CERTIFICATE OF ANALYSIS

4 Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Kamloops Au - Fire Assay AA
Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT **A14-03249**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Be	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
JM14-045	< 5	< 0.2	< 0.5	90	184	9	12	< 2	19	0.67	8	< 10	65	0.7	< 2	0.88	16	27	1.82	< 10	< 1	0.21	< 10
JM14-046	< 5	< 0.2	< 0.5	29	163	3	11	< 2	16	0.35	< 2	< 10	45	< 0.5	< 2	0.70	11	17	0.67	< 10	< 1	0.10	< 10
JM14-047	< 5	0.3	< 0.5	336	261	12	16	< 2	23	0.82	< 2	< 10	19	0.8	< 2	1.72	24	100	2.75	< 10	< 1	0.12	< 10
JM14-049	18	1.9	0.6	2500	222	4	14	< 2	22	1.63	< 2	< 10	104	< 0.5	< 2	1.34	21	82	3.40	< 10	< 1	0.63	< 10

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
JM14-045	0.41	0.081	0.093	0.47	< 2	3	87	0.16	2	2	< 10	58	< 10	5	2
JM14-046	0.40	0.031	0.027	0.06	< 2	4	11	0.07	< 1	< 2	< 10	28	< 10	2	< 1
JM14-047	0.76	0.079	0.268	0.32	< 2	5	41	0.09	1	< 2	< 10	48	< 10	3	2
JM14-049	1.41	0.109	0.118	0.35	< 2	7	22	0.19	< 1	< 2	< 10	86	< 10	3	2

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		30.8	2.2	1140	781	13	35	580	674	0.32	356	< 10	169	0.8	1400	0.74	4	6	20.6	< 10	4	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.5	< 0.5	8190	132	306	38	44	71	2.80	109	< 10	33	1.4	24	6.70	14	55	3.04	< 10	< 1	1.47	36
GXR-4 Cert		4.0	0.880	8520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.3	< 0.5	76	1060	2	25	93	116	6.92	250	< 10	728	0.8	< 2	0.10	16	83	6.18	10	2	0.85	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
SAR-M (U.S.G.S.) Meas		2.8	4.9	312	4480	13	41	1050	1030	0.83	44		166	1.1	< 2	0.25	11	99	2.33	< 10		0.15	45
SAR-M (U.S.G.S.) Cert		3.64	5.27	331	5220	13.1	41.5	982	930.0	6.30	38.8		161	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
SF57 Meas	925																						
SF57 Cert	848.000																						
OxD108 Meas	455																						
OxD108 Cert	414.000																						
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2150				58	283	2.73	5					0.30	20			5.10			
OREAS 922 (AQUA REGIA) Cert		0.851	0.280	2176				60	256	2.72	6.12					0.324	19.4			5.05			
OREAS 923 (AQUA REGIA) Meas		2.6	< 0.5	4470				81	338	2.83	7					0.30	20			5.97			
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248				81	335	2.80	7.07					0.326	22.2			5.91			
JM14-045 Orig	< 5																						
JM14-045 Dup	< 5																						
JM14-046 Orig	< 5																						
JM14-046 Dup	< 5																						
JM14-047 Orig	< 5																						
JM14-047 Dup	< 5																						
JM14-048 Orig	17	1.9	0.6	2510	221	4	14	2	22	1.82	3	< 10	106	< 0.5	< 2	1.34	21	83	3.38	< 10	1	0.62	< 10
JM14-048 Dup	18	1.9	0.7	2480	223	4	13	< 2	22	1.83	< 2	< 10	102	< 0.5	3	1.34	21	82	3.42	< 10	< 1	0.63	< 10
Method Blank	< 5																						
Method Blank	< 5																						

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.13	0.036	0.033	0.17	73	< 1	115	< 0.01	2	3	28	81	153	27	12
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.57	0.096	0.118	1.65	6	5	83	0.17	1	< 2	< 10	79	20	9	6
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.35	0.058	0.032	0.01	4	11	20		< 1	< 2	< 10	165	< 10	4	8
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.80	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SAR-M (U.S.G.S.) Meas	0.31	0.022	0.064		6	2	26	0.04	1	< 2	< 10	28	< 10	18	
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Tl	Ta	Ti	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SF57 Meas															
SF57 Cert															
OxD108 Meas															
OxD108 Cert															
OREAS 922 (AQUA REGIA) Meas	1.37			0.35	4										
OREAS 922 (AQUA REGIA) Cert	1.33			0.386	0.57										
OREAS 923 (AQUA REGIA) Meas	1.46			0.59	3										
OREAS 923 (AQUA REGIA) Cert	1.43			0.684	0.58										
JM14-045 Orig															
JM14-045 Dup															
JM14-048 Orig															
JM14-048 Dup															
JM14-047 Orig															
JM14-047 Dup															
JM14-049 Orig	1.40	0.109	0.119	0.35	< 2	7	22	0.19	< 1	< 2	< 10	86	< 10	3	2
JM14-049 Dup	1.41	0.108	0.118	0.36	< 2	7	22	0.19	< 1	< 2	< 10	86	< 10	3	2
Method Blank															
Method Blank															

Quality Analysis ...



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Invoice No.: **A14-03533**
Purchase Order:
Invoice Date: **30-May-14**
Date submitted: **26-May-14**
Your Reference: **Stump**
GST #: **R121979355**

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: **Jeremy Marlow**

INVOICE

No. samples	Description	Unit Price	Total
4	RX1-T (Kamloops)	\$ 10.00	\$ 40.00
4	1E3-Kamloops	\$ 12.50	\$ 50.00
4	1A2-Kamloops	\$ 15.00	\$ 60.00
		Subtotal: :	\$ 150.00
		GST-BC-5% :	\$ 7.50
		AMOUNT DUE: (CAD) :	\$ 157.50

Net 30 days. 1 1/2 % per month charged on overdue accounts.

THE ABOVE AMOUNT HAS BEEN CHARGED TO MC. THANK YOU! AUTH#04423Z-MAY 30/14

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client.
Thank you!

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613

E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE <http://www.actlabs.com>





Date Submitted: 26-May-14
Invoice No.: A14-03533
Invoice Date: 29-May-14
Your Reference: Stump

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: Jeremy Marlow

CERTIFICATE OF ANALYSIS

4 Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Kamloops Au - Fire Assay AA
Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT **A14-03533**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
JM14-050	64	0.9	< 0.5	989	416	26	23	< 2	39	0.96	10	< 10	19	1.2	21	2.53	30	64	3.80	< 10	< 1	0.19	< 10
JM14-051	< 5	0.4	< 0.5	558	140	64	58	< 2	17	0.44	< 2	< 10	21	< 0.5	< 2	1.21	36	14	2.94	< 10	< 1	0.09	15
JM14-052	< 5	1.4	< 0.5	953	45	86	25	< 2	3	0.26	< 2	< 10	14	< 0.5	< 2	1.24	37	23	3.23	< 10	< 1	0.04	11
JM14-053	< 5	< 0.2	< 0.5	8	108	2	< 1	< 2	8	0.22	< 2	< 10	18	< 0.5	< 2	0.09	2	17	0.35	< 10	< 1	0.16	< 10

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Tl	Ta	Ti	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
JM14-050	1.49	0.184	0.200	0.43	3	11	23	0.17	< 1	< 2	< 10	129	< 10	8	3
JM14-051	0.29	0.088	0.171	1.32	< 2	4	32	0.25	2	< 2	< 10	177	< 10	15	4
JM14-052	0.04	0.078	0.207	3.54	3	4	41	3.32	1	< 2	< 10	39	< 10	19	3
JM14-053	0.07	0.063	0.007	< 0.01	< 2	1	7	< 0.01	< 1	< 2	< 10	11	318	4	< 1

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		32.1	2.5	1140	781	14	31	593	683	0.30	379	< 10	211	0.7	1410	0.69	7	6	21.9	< 10	3	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	780	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.9	< 0.5	8160	140	311	39	41	69	2.42	108	< 10	37	1.2	23	6.83	14	50	3.10	< 10	< 1	1.63	48
GXR-4 Cert		4.0	0.860	8520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	18.0	1.01	14.8	84.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.3	< 0.5	76	1130	2	28	97	123	6.37	250	< 10	825	0.8	< 2	0.11	14	80	6.23	20	< 1	1.17	< 10
GXR-6 Cert		1.30	1.00	86.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
SAR-M (U.S.G.S.) Meas		3.3	5.6	327	4790	13	42	1050	997	0.94	41		146	0.9	< 2	0.27	12	90	2.89	< 10		0.25	52
SAR-M (U.S.G.S.) Cert		3.64	5.27	331	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
SF57 Meas	880																						
SF57 Cert	848.000																						
OxD108 Meas	425																						
OxD108 Cert	414.000																						
OREAS 922 (AQUA REGIA) Meas		1.0	< 0.5	2250				57	259	2.87	6				0.40	20			5.88				
OREAS 922 (AQUA REGIA) Cert		0.851	0.280	2176				60	256	2.72	6.12				0.324	19.4			5.05				
OREAS 923 (AQUA REGIA) Meas		1.8	0.8	4110				72	316	2.45	5				0.38	21			5.98				
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248				81	335	2.80	7.07				0.326	22.2			5.91				
JM14-051 Orig	< 5																						
JM14-051 Dup	< 5																						
JM14-053 Orig		< 0.2	< 0.5	8	109	3	< 1	< 2	8	0.22	< 2	< 10	19	< 0.5	< 2	0.09	2	15	0.35	< 10	< 1	0.17	< 10
JM14-053 Dup		< 0.2	< 0.5	7	107	2	2	3	8	0.22	< 2	< 10	18	< 0.5	< 2	0.09	2	19	0.34	< 10	< 1	0.16	< 10
Method Blank	< 5																						
Method Blank	< 5																						

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Tl	Ta	Ti	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.13	0.041	0.043	0.17	80	< 1	189	< 0.01	6	< 2	21	83	150	27	12
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.88	0.118	0.124	1.58	6	5	74	0.13	1	< 2	< 10	82	18	10	7
GXR-4 Cert	1.86	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.44	0.074	0.036	0.01	5	13	26		< 1	< 2	< 10	187	< 10	4	7
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SAR-M (U.S.G.S.) Meas	0.35	0.030	0.065		7	3	32	0.05	3	< 2	< 10	37	< 10	21	
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00	
SF57 Meas															
SF57 Cert															
OxD108 Meas															
OxD108 Cert															
OREAS 922 (AQUA REGIA) Meas	1.56			0.36	3										

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 922 (AQUA REGIA) Cert	1.33			0.386	0.57										
OREAS 923 (AQUA REGIA) Meas	1.51			0.59	< 2										
OREAS 923 (AQUA REGIA) Cert	1.43			0.684	0.58										
JM14-051 Orig															
JM14-051 Dup															
JM14-053 Orig	0.07	0.084	0.007	< 0.01	< 2	1	7	< 0.01	< 1	< 2	< 10	11	312	4	< 1
JM14-053 Dup	0.07	0.062	0.007	< 0.01	< 2	1	7	< 0.01	< 1	< 2	< 10	11	324	4	< 1
Method Blank															
Method Blank															

Quality Analysis ...



Innovative Technologies

This is your final copy. If you require an original to be mailed by post please advise, otherwise this email will be deemed sufficient.

Invoice No.: A14-07838
Purchase Order:
Invoice Date: 31-Oct-14
Date submitted: 20-Oct-14
Your Reference: Stump
GST #: R121979355

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: Jeremy Marlow

INVOICE

No. samples	Description	Unit Price	Total
7	RX1-T (Kamloops)	\$ 10.00	\$ 70.00
7	1E3-Kamloops	\$ 12.50	\$ 87.50
7	1A2-Kamloops	\$ 15.00	\$ 105.00
		Subtotal: :	\$ 262.50
		GST-BC-5% :	\$ 13.13
		AMOUNT DUE: (CAD) :	\$ 275.63

Net 30 days. 1 1/2 % per month charged on overdue accounts.

THE ABOVE AMOUNT HAS BEEN CHARGED TO AMEX. THANK YOU!
AUTH#129052-NOV.4/14

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client.
Thank you!

ACTIVATION LABORATORIES LTD.

41 Bittern Street, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or
+1.888.228.5227 FAX +1.905.648.9613

E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE <http://www.actlabs.com>





Date Submitted: 20-Oct-14
Invoice No.: A14-07838
Invoice Date: 31-Oct-14
Your Reference: Stump

Jeremy Marlow
P.O. Box 1472
Kamloops B.C.
Canada

ATTN: Jeremy Marlow

CERTIFICATE OF ANALYSIS

7 Core samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Kamloops Au - Fire Assay AA
Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT **A14-07838**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend re-assay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive style and is positioned above a horizontal line.

Emmanuel Esemé, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
MAN-14-001	35	2.6	2.0	4120	304	15	32	< 2	54	2.42	6	< 10	32	0.7	2	2.75	74	63	7.41	< 10	< 1	0.66	< 10
MAN-14-002	7	0.8	0.8	1100	385	14	28	< 2	37	3.20	< 2	< 10	86	< 0.5	< 2	2.57	39	69	6.19	< 10	< 1	1.25	< 10
MAN-14-003	< 5	< 0.2	< 0.5	238	373	2	24	< 2	24	2.64	< 2	< 10	270	< 0.5	< 2	2.00	26	54	4.01	< 10	< 1	1.06	< 10
MAN-14-004	< 5	< 0.2	< 0.5	73	358	13	9	< 2	36	1.09	< 2	< 10	67	< 0.5	< 2	0.86	10	24	1.63	< 10	< 1	0.41	< 10
MAN-14-005	21	1.3	1.0	2250	271	14	23	< 2	34	2.28	< 2	< 10	50	< 0.5	2	3.48	47	57	5.92	< 10	< 1	0.80	< 10
MAN-14-006	10	0.8	0.7	1150	327	19	29	< 2	30	2.98	< 2	< 10	55	< 0.5	< 2	2.01	40	57	6.14	< 10	< 1	1.25	< 10
MAN-14-007	< 5	< 0.2	< 0.5	174	443	1	29	< 2	26	2.64	< 2	< 10	266	< 0.5	< 2	2.12	28	61	4.31	< 10	< 1	1.04	< 10

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Ta	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
MAN-14-001	1.81	0.189	0.136	1.64	< 2	10	51	0.29	< 1	< 2	< 10	154	< 10	9	4
MAN-14-002	2.30	0.196	0.165	0.58	< 2	10	45	0.32	8	< 2	< 10	166	< 10	6	2
MAN-14-003	2.02	0.145	0.105	0.18	< 2	7	46	0.31	< 1	< 2	< 10	117	< 10	4	2
MAN-14-004	0.71	0.110	0.048	0.10	< 2	5	20	0.16	1	< 2	18	54	< 10	11	4
MAN-14-005	1.82	0.167	0.138	0.88	< 2	10	54	0.26	4	< 2	< 10	148	< 10	7	3
MAN-14-006	2.18	0.142	0.156	0.63	< 2	8	30	0.31	< 1	< 2	< 10	151	< 10	5	2
MAN-14-007	2.12	0.148	0.122	0.21	3	8	43	0.32	3	< 2	< 10	126	< 10	4	2

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		30.8	2.9	1150	802	14	34	607	707	0.55	418	12	267	0.9	1480	0.81	8	7	23.3	< 10	3	0.04	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.7	< 0.5	8450	143	338	39	43	73	3.25	116	< 10	22	1.6	13	6.95	15	82	3.16	< 10	< 1	1.63	48
GXR-4 Cert		4.0	0.860	8520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.8	64.0	3.09	20.0	0.110	4.01	84.5
GXR-6 Meas		0.3	< 0.5	68	1050	2	24	92	124	7.92	249	< 10	870	0.9	< 2	0.13	15	88	5.74	10	< 1	1.07	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	98.0	5.58	35.0	0.0680	1.87	13.9
SF67 Meas	828																						
SF67 Cert	835.000																						
SE88 Meas	584																						
SE88 Cert	599																						
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2050				57	242	3.12	7					0.40	19		4.90				
OREAS 922 (AQUA REGIA) Cert		0.851	0.280	2176				60	256	2.72	6.12					0.324	19.4		5.05				
OREAS 923 (AQUA REGIA) Meas		1.5	< 0.5	4150				75	320	3.23	8					0.41	22		5.92				
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248				81	335	2.80	7.07					0.326	22.2		5.91				
MAN-14-007 Orig		< 0.2	< 0.5	189	427	1	29	< 2	25	2.54	< 2	< 10	201	< 0.5	< 2	2.04	27	59	4.14	< 10	< 1	1.02	< 10
MAN-14-007 Dup		< 0.2	< 0.5	179	458	1	30	< 2	28	2.74	< 2	< 10	210	< 0.5	< 2	2.19	29	63	4.48	< 10	< 1	1.07	< 10
Method Blank	< 5																						

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Tl	Te	Ti	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.16	0.062	0.042	0.19	81	< 1	176	< 0.01	8	< 2	23	81	159	26	15
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.75	0.110	0.127	1.65	< 2	5	72	0.19	2	4	< 10	85	14	11	9
GXR-4 Cert	1.86	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.42	0.068	0.034	0.01	6	14	27		< 1	< 2	< 10	179	< 10	4	8
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SF67 Meas															
SF67 Cert															
SE88 Meas															
SE88 Cert															
OREAS 922 (AQUA REGIA) Meas	1.36			0.31	< 2										
OREAS 922 (AQUA REGIA) Cert	1.33			0.386	0.57										
OREAS 923 (AQUA REGIA) Meas	1.50			0.59	2										
OREAS 923 (AQUA REGIA) Cert	1.43			0.684	0.58										
MAN-14-007 Orig	2.05	0.142	0.122	0.20	3	8	41	0.31	4	< 2	< 10	123	< 10	4	2
MAN-14-007 Dup	2.20	0.154	0.123	0.21	3	8	45	0.32	1	3	< 10	130	< 10	5	2
Method Blank															