# Technical Report on the Klootchlimmis Creek

## Property Tenures 998130, 998135, 998136, 998138, 998142

*Statement of Work Event Number:*

5520584

*Location:*

**Nanaimo Mining Division, British Columbia**
**BCGS Map 082L042 / NTS Map 092L05E**

*Project Period:*

**June 18th-22nd 2014**

*Exploration Technical Personnel:*

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**West Vancouver, BC**
**FMC# 258348**

*Owner and Operator:*

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**4370 Keith Rd. West Vancouver BC**

*Co-Authors:*

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**General Manager / Prospector**

**Bin Li**
**Registered Geologist in China**

**Edward Eden/**
**Exploration Technician**

*Submitted:*

Sept. 5th 2014

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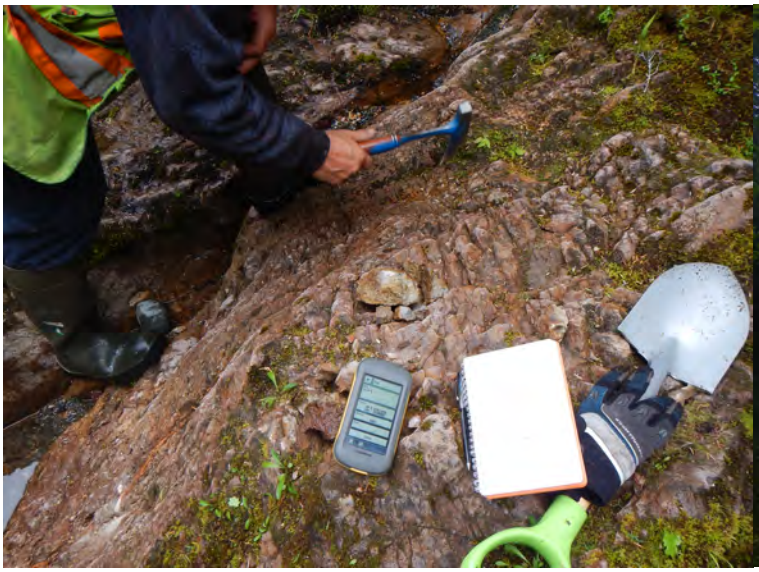
**Photographs of Work**

Kewquodie creek and Camp



(1)

(2)

Kewquodie creek and Deactivated road off of B-Main

(3)

(4)

GPS Camera Picture Locations

## Klootchlimmis Creek Property Summary

The Klootchlimmis Creek Property is located in the north central Vancouver Island of British Columbia, approx. 10 kilometers west of Port Alice, British Columbia at NAD 83, Latitude: 50.458524, Longitude: -127.697637 and UTM Zone U09 coordinates 592444E, 5590424N on 1:50,000 scale map sheets NTS 092L05 within the Nanaimo Mining Division. The property is located in the river basin of the Klootchlimmis Creek and the Kewquodie Creek, consists of timbered slopes that range in elevation from 0 to 800 meters.

The Klootchlimmis Creek Property consists of 5 claims, 998130, 998135, 998136, 998138, 998142 . The claims were staked by Liaoning Eden Venture Investments Ltd on June 17, 2012. Access to the property is through Highway 19 North to Highway 30 West (Port Alice Road) to Marine Drive (Port Alice) and south around Neroutsos Inlet to Mahatta River.

The Klootchlimmis Creek Property has 4 recorded Minfile occurrences, Kew, Les, Cleagh, and Klootch. The past work consisted of prospecting, geological mapping, geochemical sampling, and geophysical surveys dating from 1969 to 2006.

The present work pertaining to this report is an update of the 2012 and 2013 Klootchlimmis Creek Property exploration program. The present work took place on June 18th -22nd 2014 in which 14 rock samples and 7 sediment samples were taken by Registered geologist Li Bin with Edward Eden Exploration Technician and Chris Zimmer Operator/Mineral Exploration Contractor. The Total cost apportioned to prospecting on the COPPER claims which cover an area of 2407.1425 Hectares in SOW #5520584 as $10537.44

The property lies within the Insular Belt of the Cordillera. Most of the property is covered by Lower Jurassic Bonanza Group, consist of basaltic to rhyolite, and mainly sub aerial lava flows and pyroclastic rocks. Northeast part covered by lower cretaceous kyuquot group sedimentary rocks, consists of siltstone, shale, greywacke, calcareous grit and conglomerate. Govemment geological maps show a big north-south elongated intrusion on the East edge of the claims, consists of medium to coarse-grained hornblende-biotite and granodiorite. A small stock to the northeast of the Les Showing consists of homblende-albite diorite. Country rocks are massive, locally amygdaloidal andesitic flows and volcanic breccia. The breccia unit forms the host for the Les Showing and is a massive, apparently formational unit.

The prospecting work involved inspection of several sedimental geochemical anomaly from the 2013 work results. 14 rock samples and 7 sediment samples were collected in June 2014 focusing on the area along Kewquodie Creek. The most prominent assay is a stream sediment sample which Returned 2.7 ppm gold, and 1.38ppm silver from 2013 work. The stream sedimental anomly was not found. Due to the amount of slash and forestry growth on the claims, trenching is required in the near future to reveal unexposed bedrock for further geological mapping and geochemical sampling.

# Introduction

## *PROPERTY DESCRIPTION AND LOCATION*

| Tenure Number | Claim Name | Owner | Tenure Type | Tenure Sub Type | Map Number | Issue Date | Good To Date | Status | Area (ha) |
|---|---|---|---|---|---|---|---|---|---|
| 998130 | COPPER1 | 258348 (100%) | Mineral | Claim | 092L | 2012/jun/17 | 2015/jan/08 | GOOD | 514.2944 |
| 998135 | COPPER2 | 258348 (100%) | Mineral | Claim | 092L | 2012/jun/17 | 2015/jan/08 | GOOD | 514.3385 |
| 998136 | COPPER3 | 258348 (100%) | Mineral | Claim | 092L | 2012/jun/17 | 2015/jan/08 | GOOD | 514.3383 |
| 998138 | COPPER4 | 258348 (100%) | Mineral | Claim | 092L | 2012/jun/17 | 2015/jan/08 | GOOD | 514.3368 |
| 998142 | COPPER7 | 258348 (100%) | Mineral | Claim | 092L | 2012/jun/17 | 2015/jan/08 | GOOD | 349.8349 |

*Table 1: claim information*

The Klootchlimmis Creek Property is located in the north central Vancouver Island of British Columbia, approx. 10 kilometers west of Port Alice, British Columbia at NAD 83, Latitude: 50.458524, Longitude: -127.697637 and UTM Zone U09 coordinates 592444E, 5590424N on 1:50,000 scale map sheets NTS 092L05E within the Nanaimo Mining Division. The property is located in the river basin of the Klootchlimmis Creek and the Kewquodie Creek, consists of timbered slopes that range in elevation from 0 to 800 meters.

Topography is moderate to gentle over most of the claim area. Some of the main stream valleys are steeply incised (e.g. Kewquodie Creek). The vegetation is characterized as west coast temperate rain forest.

## *ACCESS*

The Klootchlimmis Creek property was accessed from Nanaimo and Vancouver British Columbia by way of Highway 19 North to Highway 30 West (Port Alice Road) to Marine Drive (Port Alice) South around Neroutsos Inlet to Mahatta River.

## *PROPERTY HISTORY*

The Klootchlimmis Creek Property consists of 8 claims, COPPER1-COPPER8. However this report refers to COPPER1-COPPER4 AND COPPER7. The claims were staked by Liaoning Eden Venture Investments Ltd on June 17, 2012. Aris reports related to the properties: 2391, 22166, 26621, 28388, 27601, 26620.

The Klootchlimmis Creek Property has 4 recorded Minfile occurrences, KEW, LES, CLEAGH, and KLOOTCH. The past work consisted of prospecting, geological mapping, geochemical sampling, and geophysical surveys dating from 1969 to 2006.

## Minfile Geology History and Mineralization

***KEW 092L 325***

The Kew occurrence is located east of Kewquodie Creek, approximately 2.7 kilometers south of its mouth.

The area lies within the Insular Belt of the Cordillera and is underlain mainly by volcanics, crystalline rocks and minor sediments. Andesitic to rhyodacitic lava, tuff and breccia of the Lower Jurassic Bonanza Group overlie an assemblage consisting of Paleozoic Sicker Group sediments and Upper Triassic Vancouver Group basalts and minor carbonate and clastic sediments.

The Bonanza volcanics are coeval with, or genetically related to, granodiorite stocks of the Jurassic Island Plutonic Suite which intrude all older rocks.

D.G. Leighton (1974) reports disseminated chalcopyrite and bornite mineralization in basic dikes intruding Bonanza Group tuff breccia, 1 kilometre north of a granitic intrusion.

From 1969 to 1970, Skaist Mines completed programs of geological mapping, geochemical sampling and geophysical surveys. From 2001 to 2006, the area was explored by S. Laurence and E. McCrossan as part of the Q claims. Programs of prospecting, geological mapping and geochemical sampling were completed at this time.

***CLEAGH 092L 324***

The Cleagh occurrence is located on an un-named southerly flowing tributary of Mahatta Creek, approximately 2 kilometres west of Kewquodie Creek.

The area lies within the Insular Belt of the Cordillera and is underlain mainly by volcanics, crystalline rocks and minor sediments. Andesitic to rhyodacitic lava, tuff and breccia of the Lower Jurassic Bonanza Group overlie an assemblage consisting of Paleozoic Sicker Group sediments and Upper Triassic Vancouver Group basalts and minor carbonate and clastic sediments.

The Bonanza volcanics are coeval with, or genetically related to, granodiorite stocks of the Jurassic Island Plutonic Suite which intrude all older rocks.

Mineralization consists of chalcopyrite-molybdenum-sphalerite in quartz veins at the contact between basic lavas and felsic breccia, both of the Bonanza Group. A small (1 kilometre diameter) granitoid stock lies 1.7 kilometres to the northeast.

From 1969 to 1970, Skaist Mines completed programs of geological mapping, geochemical sampling and geophysical surveys. In 1991, Stow Resources completed programs of prospecting, geological mapping and geochemical sampling on the Mahatta claims. From 2001 to 2006, the area was explored by S. Laurence and E. McCrossan as part of the Queen claims. Programs of prospecting, geological mapping and geochemical sampling were completed at this time.

***KLOOTCH 092L 335***

The area lies within the Insular Belt of the Cordillera and is underlain mainly by volcanics, crystalline rocks and minor sedi- ments. Andesitic to rhyodacitic lava, tuff and breccia of the Lower Jurassic

Bonanza Group overlie an assemblage consisting of Paleozoic Sicker Group sediments and Upper Triassic Vancouver Group basalts and minor carbonate and clastic sediments.

***LES 092L 230***

The Les occurrence is located north of Mahatta Creek, approximately 3.5 kilometres east of the community of Mahatta Creek.

The area is underlain by andesitic to rhyodacitic lava, tuff and breccia of the Lower Jurassic Bonanza Group. The Bonanza Group volcanics have been intruded by granodioritic stocks of the Jurassic Island Plutonic Suite.

The Les occurrence consists of disseminated to discontinues stringers of chalcopyrite, magnetite, hematite and pyrite in volcanic breccia, interbedded with fine-grained and vesicular andesite adjacent to a small hornblende-albite-diorite stock. The volcanic rocks exhibit tourmaline-argillic-carbonate and silicic alteration resulting from the intrusions.

The mineralization occurs over an area of 150 by 30 metres. Chip samples returned values of 0.15 to 0.60 per cent copper (National Mineral Inventory Card 092L5 Cu8).

From 1969 to 1970, Skaist Mines completed programs of geological mapping, geochemical sampling and geophysical surveys. In 1991, Stow Resources completed programs of prospecting, geological mapping and geochemical sampling on the Mahatta claims. From 2001 to 2006, the area was explored by S. Laurence and E. McCrossan as part of the Queen claims. Programs of prospecting, geological mapping and geochemical sampling were completed at this time.

*Figure 1: General Location Map*

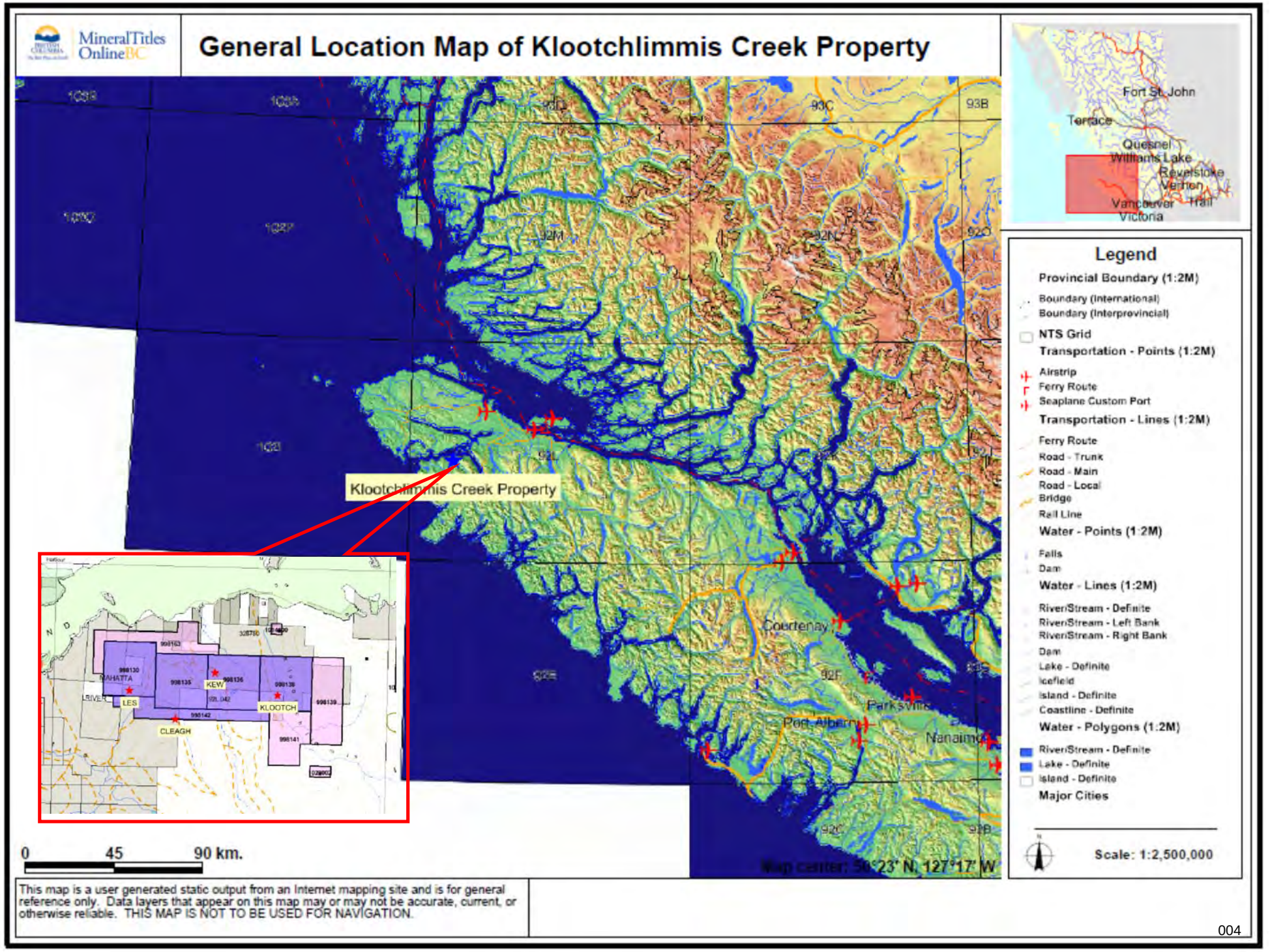
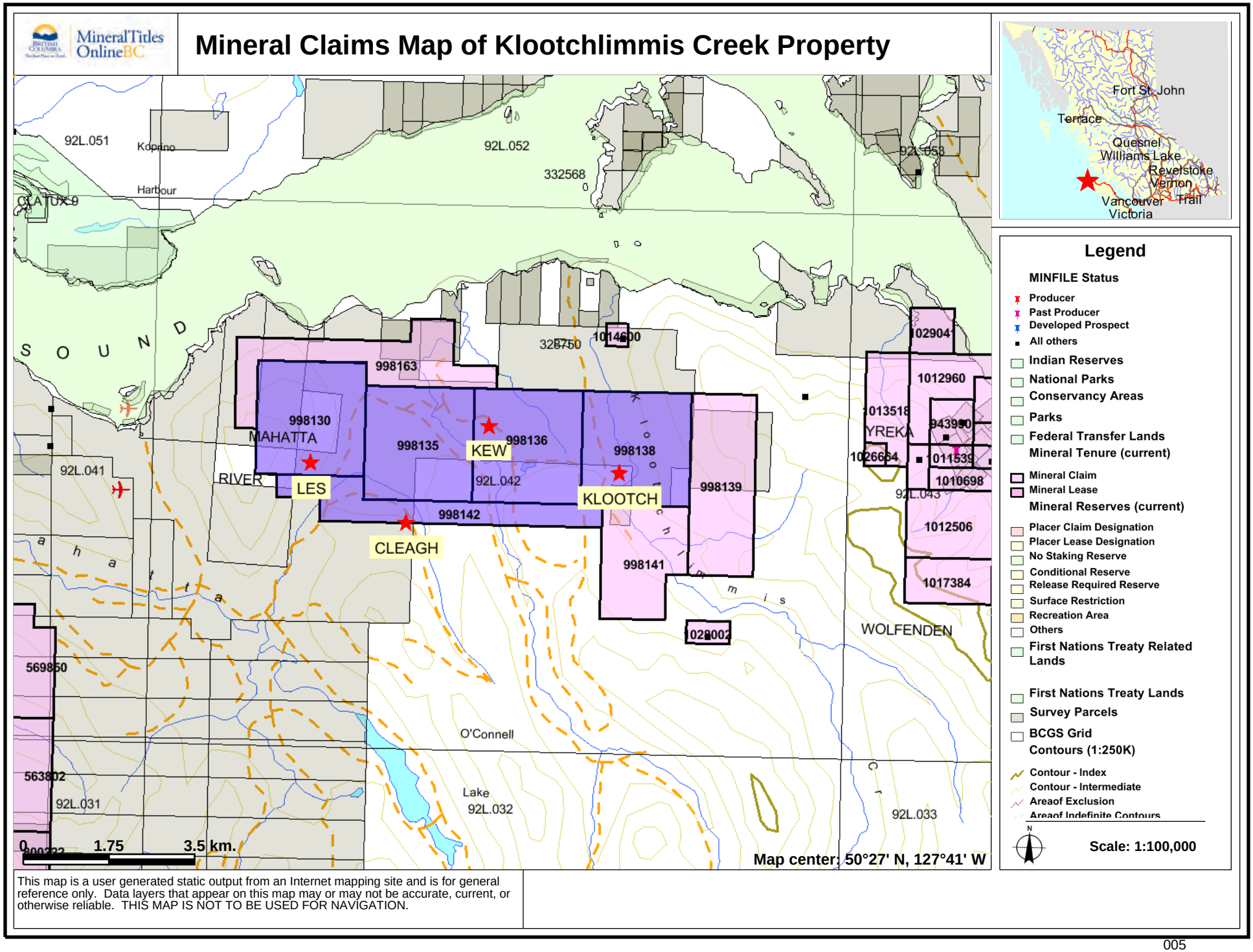


*Figure 2: Klootchlimmis Claim Group*




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.

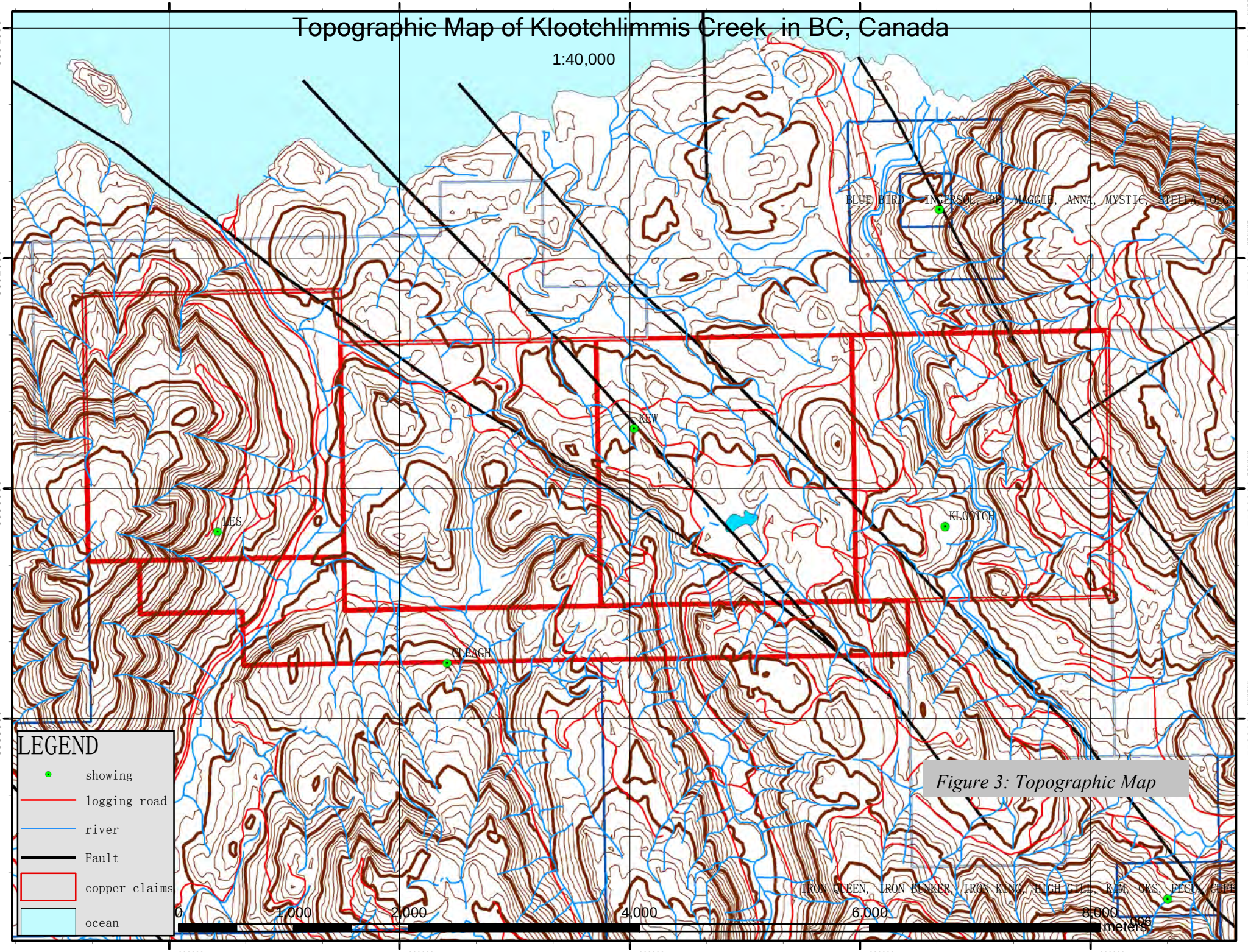



*Figure 3: Topographic Map*

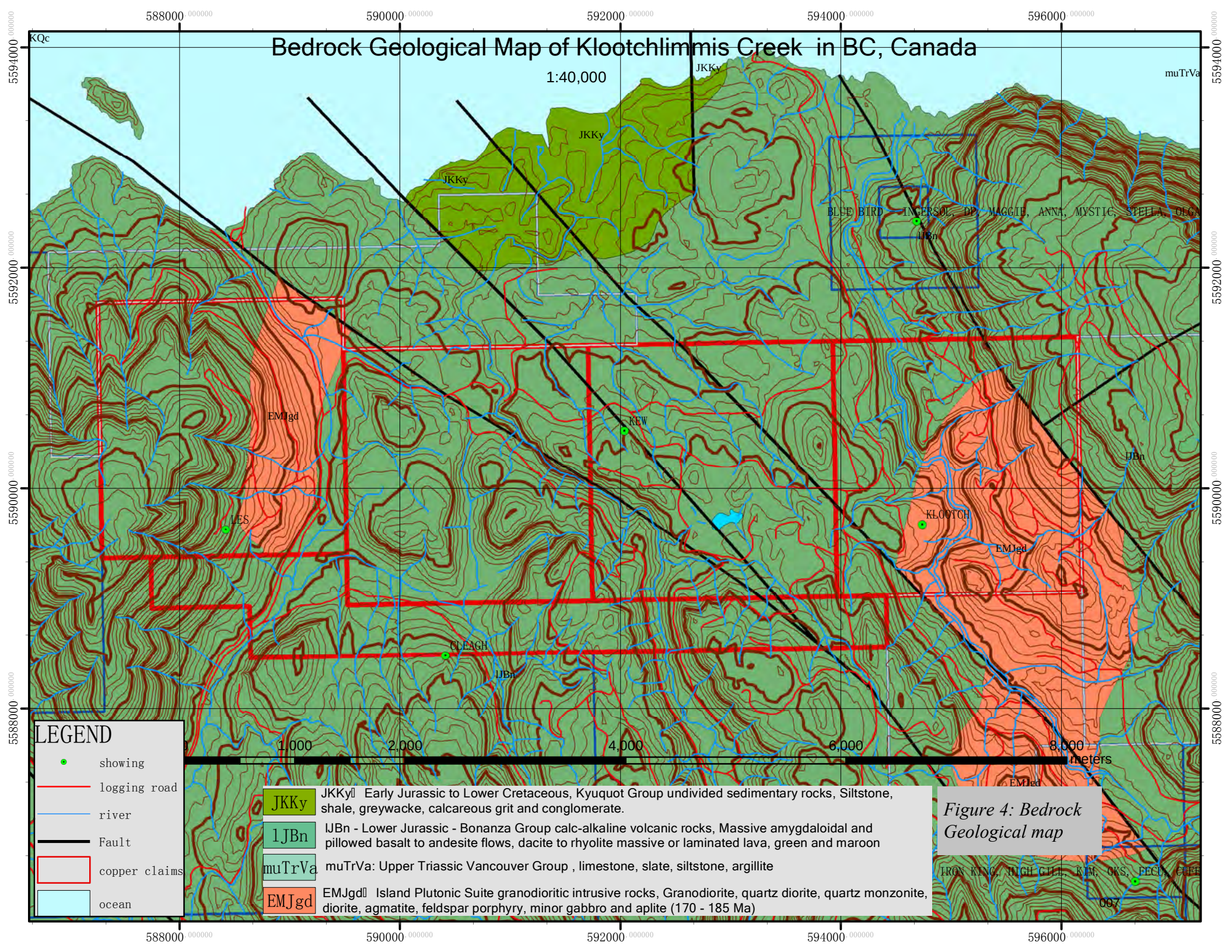



*Figure 4: Bedrock Geological map*

## *GEOLOGY*

The property lies within the Insular Belt of the Cordillera. Most of the property is covered by Lower Jurassic Bonanza Group, consist of basaltic to rhyolite, and mainly sub aerial lava flows and pyroclastic rocks. Northeast part covered by lower cretaceous kyuquot group sedimentary rocks, consists of siltstone, shale, greywacke, calcareous grit and conglomerate. Govemment geological maps show a big north-south elongated intrusion on the East edge of the claims, consists of medium to coarse-grained hornblende-biotite and granodiorite. A small stock to the northeast of the Les Showing consists of homblende-albite diorite. Country rocks are massive, locally amygdaloidal andesitic flows and volcanic breccia. The breccia unit forms the host for the Les Showing and is a massive, apparently formational unit.

## *Geochemistry*

### Geochemical sampling methods

7 stream sediment samples were taken at the drainage outlets of water ways where a main geochemical anomaly from 2013 work were discovered. The sample media was stream silt, to generally ensure collection of sufficient silt, medium sized Hubco bags were used to collect approximately 0.5 kg of sample material. These bags were superior to kraft bags in size, strength and the sieving characteristics of the material that allowed much of the water to be strained out quickly without decanting.

Sample site locations were recorded by GPS stations keyed to field notes describing the location and the stream characteristics. In the field the filled bags were drained by packing to filter water through the bag material and the samples were carefully packed into polyethylene rock sample bags lining backpacks to prevent spillage or cross contamination and keep hiking gear dry.

Sample sites were marked with fluorescent orange flagging, Bags were externally labelled with samples No. 14 grab samples were collected from altered or mineralized rocks. Sample site locations were recorded by GPS stations keyed to field notes describing the location and the geological characteristics. All the sediment and rock samples were delivered by the writer to the ALS analytical facilities in North Vancouver.

### Geochemical samples Prepare and analysis

The Prepare package specified for sediment coded PREP-41 that dry at <60°C/140F, sieve sample to -180 micron (80 mesh). The analytical package included Au-TL43 by Aqua Regia extraction with ICP-MS finish plus ME-MS41 analysis of target and pathfinder elements. Aqua Regia extraction for a nominal 25 gram sample size was selected primarily to reduce potential nugget effects in gold analysis.

Rock samples Prepared in package coded PREP-31 were Crushed to 70% less than 2mm, riffled split off 250g, pulverize spitted to better than 85% passing 75 microns. The analytical package included Au by fire assay and ICP-AES coded Au-ICP21 plus ME-MS41 analysis of target and pathfinder elements.

### Geochemical samples analysis results

Results in spreadsheet format were downloaded by the writer from the ALS Webtrieve site. Analytical certificates were received by e-mail transfer and are shown in Appendix B.

Analytical Data Statistics cannot be done for just 4 sediment samples, in order to evaluate the Geochemical samples analysis results, refer to published statistics for samples from BCGS Regional Geochemical Survey results published in Geoscience BC Report 2013-11(REGIONAL STREAM SEDIMENT AND WATER GEOCHEMICAL DATA, NORTHERN VANCOUVER ISLAND, BRITISH COLUMBIA).

Arbitrary thresholds for gold at the 95% percentile was calculated at 21.5 ppb, at the 90% percentile was calculated at 9.3 ppb, and at the 85% percentile was calculated at 6.8 ppb in northern Vancouver Island regional geochemical data. All the sediment samples from the Copper Property are below 5 ppb in gold and 60 ppm in copper, no geochemical anomaly was found.

All the rock and sediment samples result include gold and silver value are shown in table 2 and figure 7,8,9,10.

# Technical Work

### *2014 WORK PROGRAM*

The purpose of the 2014 Klootchlimmis Creek Property exploration program was to further define and survey the mineralization occurances within the property via sampling assesments, previous work and minfile data, And explore new areas of the claim group.

### *FIELD INVESTIGATION*

Bin li of West Vancouver Registered geologist in china with a masters degree in geology, along with Edward Eden Exploration Technician of West Vancouver and Chris Zimmer Mineral Exploration Contractor from Tofino, Fred Eden prospector from west vancouver, and xiao feng exploration assistant conducted this years field investigation on our Klootchlimmis Creek Property from June 18th- June 22nd 2014. A total of 14 rock and 7 sediment samples were taken and later analyzed by ALS Minerals in North Vancouver, British Columbia. Additional technical mapping was prepared by Bin li and report by Fred Eden and Edward Eden. Logging activity Limited exploration of areas, however forestry company were in the process of building new roads with extensive Blasting of Bedrock, exposing new never before seen outcrops that require more exploration.

Two vehicles were used to travel to the general area and then hiking on foot with equipment carried as required. Roads and trails were mapped by GPS with notes on conditions and hazards. Any other development work is noted and mapped with rock samples taken as appropriate. Notes were taken on terrain, watercourses, overburden etc. with future prospecting, geological mapping, geochemical and geophysical work in mind. Orange flagging and marking of sample sites occurred and multiple photos were taken of samples and areas of interest. GPS coordinates were taken, and all samples were recorded logged and mapped. Mapping of sample locations was done by way of ArcGIS, Google, IMP and exploration assistant, and all data was compiled and sorted by use of Excel. This data formed the template for this report. Sample types include in situ hard rock, float boulders, points of interest (sample), and additional points of interest.

Assay results from laboratory tests are provided, and geologist descriptions of Hard rock and Float boulders are pending. Sample types include in situ hard rock, float boulders, points of interest (sample), and additional points of interest.

### *EQUIPTMENT LIST*

2 vehicles (4x4 trucks), husky chainsaws, 1000w generator, Garmin GPS map 62, laptop, wall tent, camping equipment, VHF radio, InReach Satelite communicator, flare gun, bear spray, bear banger, air horn, flagging tape, sample bags, tags, various picks, shovels, hammers, axes, assorted markers, compass and other items.

## *2014 DAILY REPORT*

*June 18th 2014*
The team left our office at 7:30 to board ferry, reached Cambell river for lunch at 12:30. Arrived in Port Mcneill at 4:30 to check into the haida way inn

*June 19th 2014*
Team left Hotel at 7:00 am, And arrived on claim at 9:30 am to set up camp. Fred and assistant left at Approximatly 4:00pm, After camp was set up.

*June 20th 2014*
Left Camp at 8:30 to hike along the kewquodie creek, as seen in picutre, 1 and 3. 8 Samples were takenmples, Back at camp at 7:00 pm

*June 21st 2014*
Left camp at 9:00 and was not able to go to desired location due to blasting and safety issues, went and continued to hike along kewquodie creek 6 samples were taken . back at camp at 7:30 pm

*June 22nd 2014*
No activity at blasting site. hiked on foot up a deactivated road off of B-main, as seen in picture 4. 7 samples were taken, back at 2:00pm to tear down camp and head to quatsino chalet.

## 2014 ROCK SAMPLE LIST, COORDINATES AND NOTES

*Table 2: Sample List, Coordinates and Notes*

| sample.no | easting | northing | elevition | note | Au-ICP2 | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cor−14-1 | 590993 | 5590095 | 169 m | Rhyolitic tuff, pyrite string | 0.003 | <0.2 | 1.32 | 10 | <10 | 60 | 0.7 | <2 | 0.11 | <0.5 | 3 | 3 |
| Cor−14-2 | | | | Fault breccia, small amounts of potassium feldspar | | | | | | | | | | | | |
| Cor−14-3 | 591857 | 5589761 | 177 m | float, siliceous rocks, pale, did not see obvious crystallization, lots of disseminated pyrite | 0.001 | <0.2 | 0.58 | 2 | <10 | 10 | <0.5 | <2 | 0.36 | <0.5 | 1 | 6 |
| Cor−14-4 | 591857 | 5589761 | 178 m | float, limonite, gray parts are mainly quartz feldspar, crumb and stockwork pyrite | <0.001 | <0.2 | 0.52 | 2 | 10 | 30 | 0.6 | 2 | 0.09 | <0.5 | 16 | 4 |
| Cor−14-5 | 591857 | 5589761 | 179 m | float, alteration diorite, hornblende is about 70%, partial potassium feldspathization, a little of pyrite stockwork | <0.001 | <0.2 | 1.54 | 23 | <10 | 20 | <0.5 | <2 | 1.22 | <0.5 | 14 | 31 |
| Cor 14-6 | 591264 | 5590196 | 126 m | float, siliceous rocks, pale, did not see obvious crystallization, lots of disseminated pyrite | 0.001 | <0.2 | 0.29 | 24 | <10 | 20 | <0.5 | 2 | 0.02 | <0.5 | 2 | 4 |
| Cor-14-7 | | | | float, quartz vein,limonite, quartz geode, little pyrite | 0.001 | 0.6 | 0.53 | 12 | <10 | 40 | <0.5 | <2 | 0.05 | <0.5 | <1 | 5 |
| Cor-14-8 | 591098 | 5590487 | 102 m | Along the river to see a large number of quartz vein and silicified rock float, several 1~2 cm wide quartz vein near the location of CPS-2013-13, the surrounding rock is intermediate-acid volcanic breccia, weathering surface chestnut brown, slightly epidotization | 0.001 | <0.2 | 0.39 | 8 | <10 | 20 | 0.7 | <2 | 0.41 | <0.5 | 9 | 8 |
| | 590834 | 5590504 | | Chestnut, celadon andesite, local extrusion piece, quartz and calcite string, local limonite, silicide, see sample point CPR-13-7 | | | | | | | | | | | | |
| Cor−14-9 | 591074 | 5590391 | | Gray, light brown, acid tuff, high silica content, fine grained disseminated pyrite , limonitization | 0.001 | <0.2 | 0.57 | 9 | <10 | 120 | 0.5 | <2 | 0.02 | <0.5 | 1 | 7 |
| Cor−14-10 | 591037 | 5590603 | 88 m | Brown, volcanic clastic rock, silicide, quartz content more than 70%, limonite, a small amount of disseminated pyrite | <0.001 | <0.2 | 0.45 | 6 | <10 | 50 | 0.5 | <2 | 0.03 | <0.5 | 1 | 3 |
| Cor−14-11 | 588809 | 5589729 | 239 m | float, quartz vein,limonite, drain hole, surround rock is granodiorite, fine grained, potassium, and joint development | 0.003 | <0.2 | 0.33 | 3 | <10 | <10 | <0.5 | <2 | 0.03 | <0.5 | 1 | 7 |
| Cor−14-12 | 588635 | 5590340 | 315 m | float, silicified breccia from the limonite mineralization belt 30 m above the drainage, breccia composition are mainly quartz and volcanic rocks, limonite, the surrounding rock for the grey andesite | <0.001 | <0.2 | 0.31 | 4 | <10 | 10 | <0.5 | <2 | 5.96 | <0.5 | 7 | 5 |
| Cor−14-13 | 588672 | 5590197 | 292 m | silicified breccia belt, along the logging revealed about 50 m wide | <0.001 | <0.2 | 0.27 | 4 | <10 | <10 | <0.5 | <2 | 0.04 | <0.5 | 1 | 4 |
| Cor−14-14 | 588669 | 5590179 | 288 m | silicified breccia belt, along the logging revealed about 51 m wide | <0.001 | <0.2 | 0.3 | 3 | <10 | 10 | <0.5 | <2 | 0.06 | <0.5 | 2 | 2 |

*Table 2: Sample List, Coordinates and Notes (continued)*

| sample.no | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Th | Ti | Tl | U | V | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cor−14-1 | 4 | 4.07 | 10 | <1 | 0.13 | 20 | 0.43 | 482 | 6 | 0.06 | <1 | 610 | 18 | 1.3 | <2 | 4 | 3 | <20 | <0.01 | <10 | <10 | 9 | <10 | 94 |
| Cor−14-2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cor−14-3 | 1 | 1 | 10 | <1 | 0.01 | 10 | 0.64 | 118 | 1 | 0.13 | 3 | 650 | 4 | 0.31 | <2 | 3 | 4 | <20 | 0.02 | <10 | <10 | 19 | <10 | 18 |
| Cor−14-4 | 2 | 4.69 | <10 | <1 | 0.15 | 10 | 0.12 | 113 | 3 | 0.07 | <1 | 1210 | 3 | 2.11 | <2 | 1 | 5 | <20 | <0.01 | <10 | <10 | 7 | <10 | 9 |
| Cor−14-5 | 4 | 7.75 | 10 | <1 | 0.06 | <10 | 1.53 | 417 | <1 | 0.14 | 16 | 1760 | 3 | 0.4 | 2 | 6 | 26 | <20 | 0.31 | <10 | <10 | 349 | <10 | 29 |
| Cor 14-6 | 2 | 1.5 | <10 | <1 | 0.08 | 10 | 0.02 | 158 | 1 | 0.09 | 2 | 200 | 4 | 0.12 | <2 | 1 | 2 | <20 | <0.01 | <10 | <10 | 6 | <10 | 28 |
| Cor-14-7 | 2 | 1.42 | <10 | <1 | 0.15 | 20 | 0.11 | 65 | 1 | 0.08 | 2 | 190 | 3 | 0.06 | <2 | 1 | 3 | <20 | <0.01 | <10 | <10 | 4 | <10 | 7 |
| Cor-14-8 | 6 | 4.84 | <10 | <1 | 0.08 | 10 | 0.68 | 818 | 3 | 0.06 | 9 | 590 | 3 | 0.09 | <2 | 5 | 14 | <20 | <0.01 | <10 | <10 | 24 | <10 | 73 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Cor−14-9 | 12 | 2.1 | 10 | <1 | 0.17 | 10 | 0.12 | 337 | 1 | 0.04 | 2 | 20 | 4 | 0.09 | <2 | 1 | 2 | <20 | <0.01 | <10 | <10 | 2 | <10 | 37 |
| Cor−14-10 | 2 | 1.62 | <10 | <1 | 0.26 | 10 | 0.02 | 326 | 1 | 0.07 | <1 | 150 | 3 | 0.02 | 2 | 1 | 2 | <20 | 0.01 | <10 | <10 | 2 | <10 | 51 |
| Cor−14-11 | 1 | 1.42 | <10 | <1 | 0.04 | <10 | 0.02 | 66 | <1 | 0.02 | 4 | 70 | <2 | 0.01 | <2 | 4 | 16 | <20 | <0.01 | <10 | <10 | 27 | <10 | 8 |
| Cor−14-12 | 1 | 2.22 | <10 | <1 | 0.01 | <10 | 1.86 | 524 | <1 | 0.01 | 9 | 200 | 4 | 0.01 | 2 | 5 | 83 | <20 | <0.01 | <10 | <10 | 41 | <10 | 33 |
| Cor−14-13 | <1 | 0.85 | <10 | <1 | 0.02 | <10 | 0.02 | 70 | <1 | 0.11 | 4 | 60 | <2 | 0.01 | <2 | 6 | 9 | <20 | <0.01 | <10 | <10 | 9 | <10 | 10 |
| Cor−14-14 | <1 | 0.9 | <10 | <1 | 0.01 | <10 | 0.02 | 362 | <1 | 0.1 | 10 | 100 | <2 | 0.01 | <2 | 6 | 10 | <20 | <0.01 | <10 | <10 | 21 | <10 | 10 |

## 2014 SEDIMENT SAMPLE LIST, COORDINATES AND NOTES

*Table 2: Sample List, Coordinates and Notes (continued)*

| sample.No | easting | northing | elevation | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COS-14-1 | 591122 | 5590110 | 154 m | 0.003 | <0.2 | 2.46 | 4 | <10 | 80 | 0.8 | <2 | 0.47 | <0.5 | 18 | 22 | 29 | 4.15 | 10 |
| COS-14-2 | 592038 | 5589474 | 177 m | 0.001 | <0.2 | 2.29 | 15 | <10 | 20 | 1 | <2 | 0.53 | <0.5 | 42 | 13 | 26 | 5.63 | 10 |
| COS-14-3 | 591298 | 5590303 | 109 m | 0.003 | <0.2 | 2.37 | 3 | <10 | 30 | 0.5 | <2 | 0.86 | <0.5 | 21 | 31 | 43 | 5.21 | 10 |
| COS-14-4 | 591296 | 5590264 | 107 m | 0.002 | <0.2 | 2.59 | 4 | <10 | 30 | 0.6 | <2 | 0.83 | <0.5 | 19 | 28 | 39 | 5.05 | 10 |
| COS-14-5 | 591131 | 5590439 | 81 m | 0.001 | <0.2 | 2.36 | 2 | <10 | 40 | 0.6 | <2 | 0.8 | <0.5 | 21 | 28 | 36 | 4.91 | 10 |
| COS-14-6 | 591017 | 5590622 | 77 m | 0.002 | <0.2 | 2.26 | 4 | 10 | 30 | 0.5 | <2 | 0.78 | <0.5 | 21 | 30 | 40 | 5.08 | 10 |
| COS-14-7 | 588634 | 5590328 | 315 m | 0.002 | <0.2 | 1.85 | 32 | 40 | 60 | 1 | <2 | 2.56 | 0.5 | 23 | 40 | 11 | 8.48 | 10 |

| sample.No | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Th | Ti | Tl | U | V | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COS-14-1 | <1 | 0.04 | 10 | 0.67 | 4070 | 1 | 0.12 | 18 | 690 | 5 | 0.05 | <2 | 5 | 25 | <20 | 0.19 | <10 | <10 | 84 | <10 | 180 |
| COS-14-2 | 1 | 0.03 | 10 | 0.69 | 1640 | 2 | 0.03 | 12 | 1800 | 5 | 0.07 | 2 | 6 | 14 | <20 | 0.18 | <10 | <10 | 135 | <10 | 47 |
| COS-14-3 | 1 | 0.03 | 10 | 1.51 | 979 | 1 | 0.02 | 32 | 680 | 4 | 0.03 | <2 | 9 | 34 | <20 | 0.31 | <10 | <10 | 141 | <10 | 91 |
| COS-14-4 | <1 | 0.03 | 10 | 1.34 | 934 | 1 | 0.02 | 28 | 640 | 2 | 0.04 | <2 | 8 | 31 | <20 | 0.28 | <10 | <10 | 126 | <10 | 127 |
| COS-14-5 | <1 | 0.03 | 10 | 1.32 | 1355 | 1 | 0.02 | 28 | 660 | 4 | 0.04 | <2 | 8 | 33 | <20 | 0.28 | <10 | <10 | 132 | <10 | 102 |
| COS-14-6 | <1 | 0.03 | 10 | 1.54 | 977 | <1 | 0.03 | 32 | 660 | 4 | 0.05 | <2 | 9 | 33 | <20 | 0.28 | <10 | <10 | 128 | <10 | 98 |
| COS-14-7 | <1 | 0.09 | 10 | 2.87 | 1195 | <1 | 0.01 | 49 | 1280 | 11 | 0.07 | <2 | 17 | 77 | <20 | 0.06 | <10 | <10 | 157 | <10 | 60 |

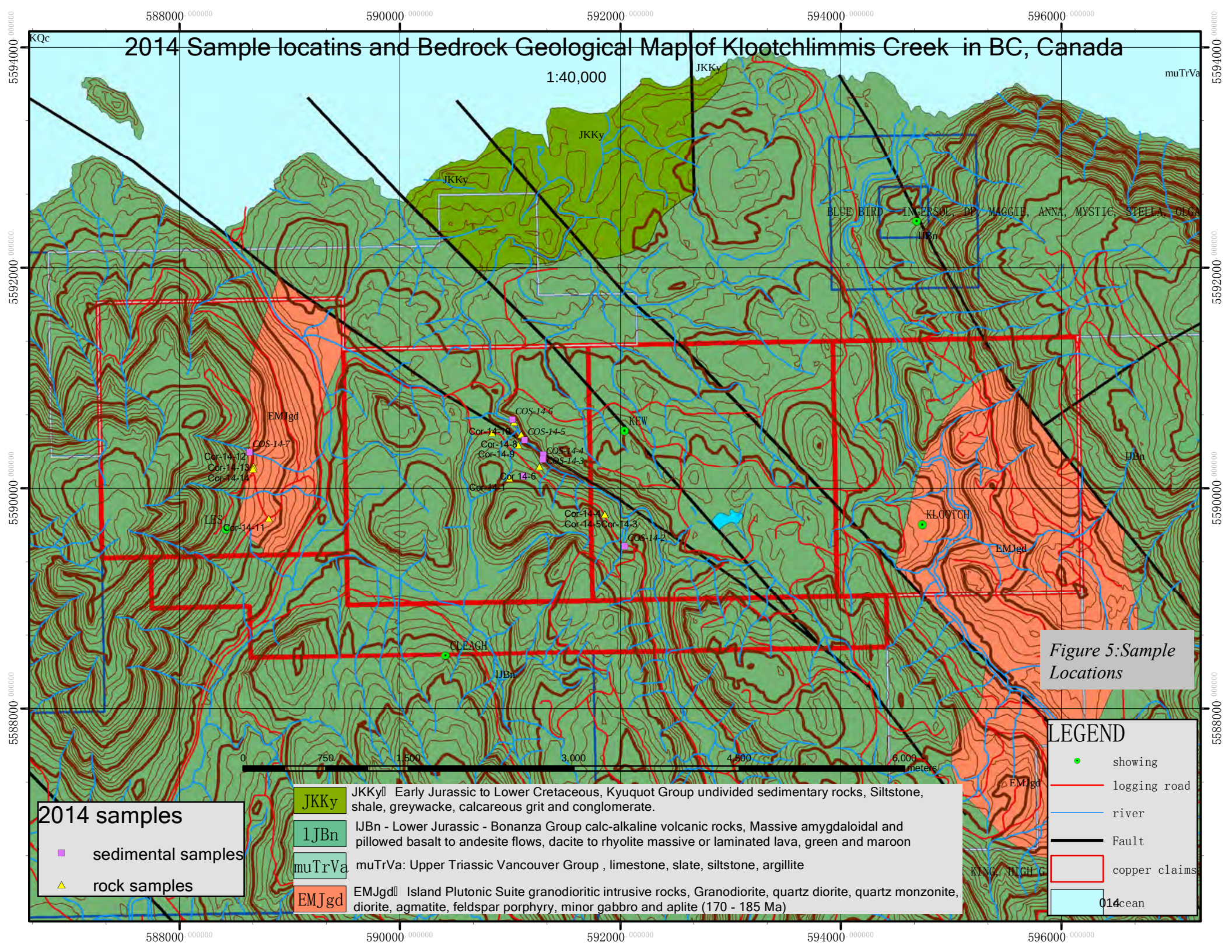



*Figure 5:Sample Locations*

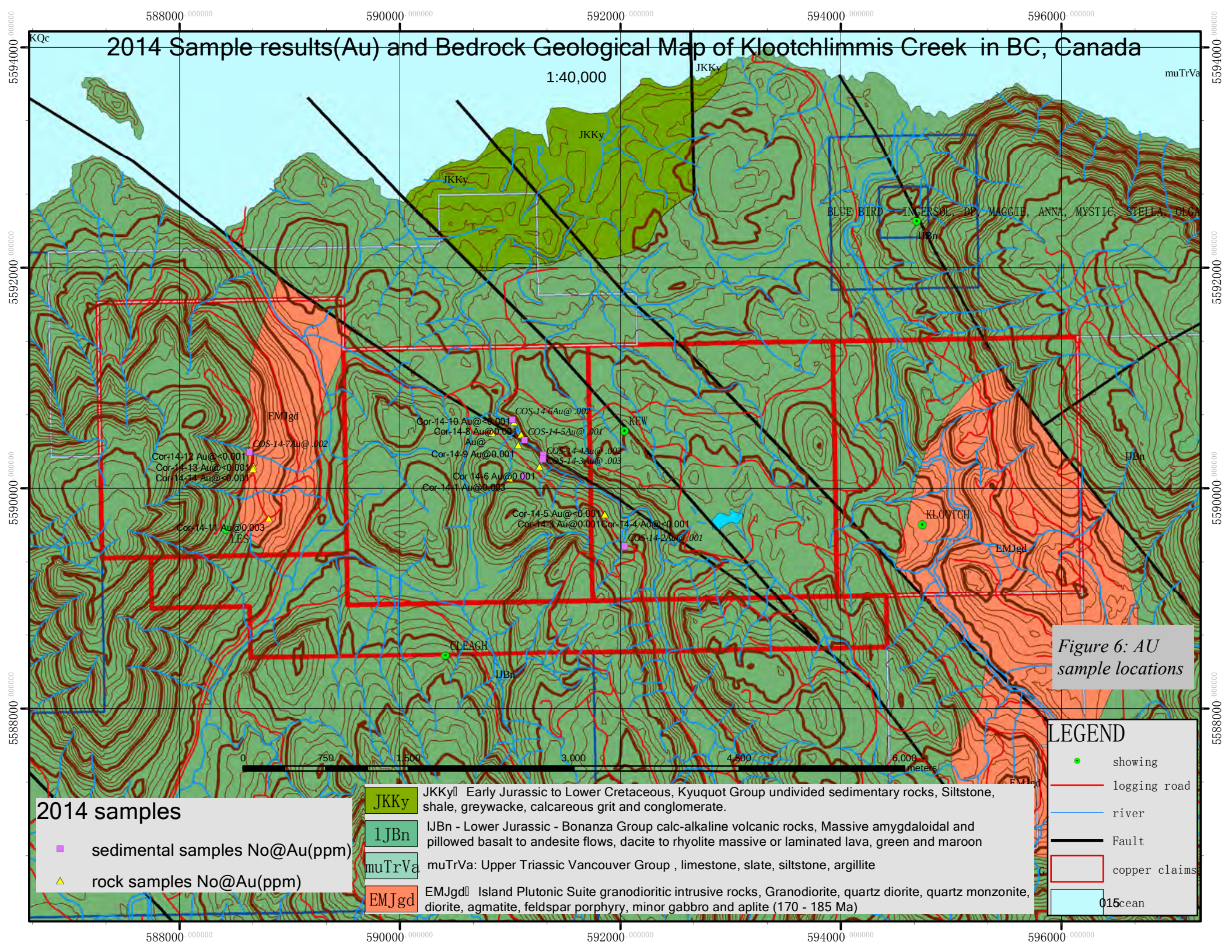
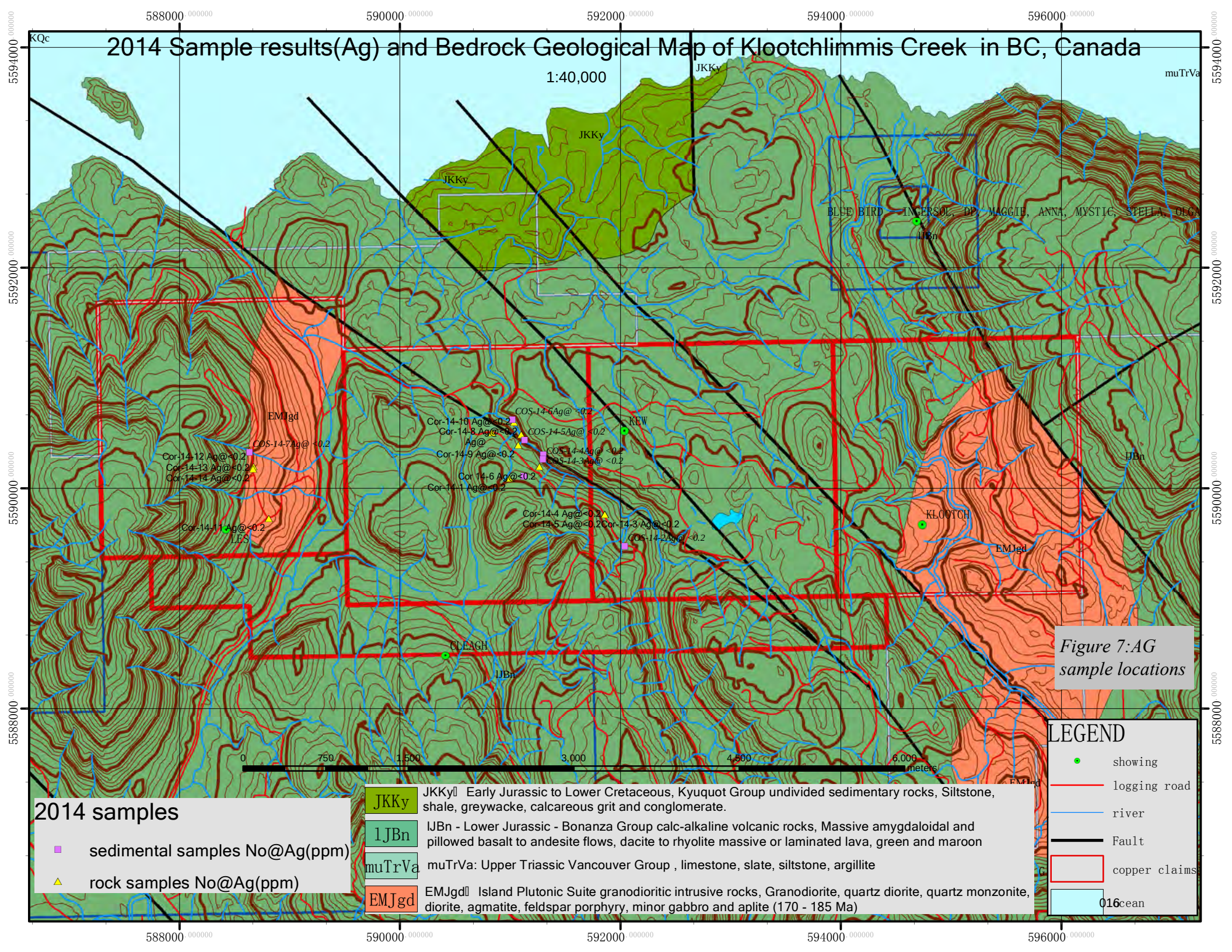



*Figure 6: AU sample locations*


2014 Sample results(Ag) and Bedrock Geological Map of Klootchlimmis Creek in BC, Canada
1:40,000
588000
590000
592000
594000
596000
5594000
5592000
5590000
5588000
KQc
JKKy
muTrVa
BLUE BIRD
INGERSOL
DP
MAGGIE
ANNA
MYSTIC
STELLA
OLGA
lJBn
EMJgd
COS-14-7Ag@ <0.2
Cor-14-12 Ag@<0.2
Cor-14-13 Ag@<0.2
Cor-14-14 Ag@<0.2
Cor-14-11 Ag@<0.2
LES
Cor-14-10 Ag@<0.2
Cor-14-8 Ag@<0.2
Ag@
Cor-14-9 Ag@<0.2
COS-14-6Ag@ <0.2
COS-14-5Ag@ <0.2
COS-14-4Ag@ <0.2
COS-14-3Ag@ <0.2
Cor-14-6 Ag@<0.2
Cor-14-1 Ag@<0.2
KEW
Cor-14-4 Ag@<0.2
Cor-14-5 Ag@<0.2
Cor-14-3 Ag@<0.2
COS-14-2Ag@ <0.2
KLOOTCH
CLEAGH
0
750
1,500
3,000
4,500
6,000
meters
2014 samples
sedimental samples No@Ag(ppm)
rock samples No@Ag(ppm)
JKKy
JKKy Early Jurassic to Lower Cretaceous, Kyuquot Group undivided sedimentary rocks, Siltstone, shale, greywacke, calcareous grit and conglomerate.
lJBn
lJBn - Lower Jurassic - Bonanza Group calc-alkaline volcanic rocks, Massive amygdaloidal and pillowed basalt to andesite flows, dacite to rhyolite massive or laminated lava, green and maroon
muTrVa
muTrVa: Upper Triassic Vancouver Group , limestone, slate, siltstone, argillite
EMJgd
EMJgd Island Plutonic Suite granodioritic intrusive rocks, Granodiorite, quartz diorite, quartz monzonite, diorite, agmatite, feldspar porphyry, minor gabbro and aplite (170 - 185 Ma)
LEGEND
showing
logging road
river
Fault
copper claims
ocean
Figure 7:AG sample locations

## Conclusion

The prospecting work involved inspection of several sedimental geochemical anomaly from the 2013 work results. 14 rock samples and 7 sediment samples were collected in June 2014 focusing on the area along Kewquodie Creek. The most prominent assay is a stream sediment sample which Returned 2.7 ppm gold, and 1.38ppm silver from 2013 work. But the stream sedimental anomly was not found. Due to the amount of slash and forestry growth on the claims, trenching is required in the near future to reveal unexposed bedrock for further geological mapping and geochemical sampling. Trenching is required in the near future to reveal unexposed bedrock for further geological mapping and geochemical sampling.

## References

Les Minfile 092L030

EMPR PF (Sketch Map, Mahatta River Area, 1:4023, 1973, Stokes Expl. Mgmt.; Report by Leighton, D.G.,

(1974): Explorations in the Mahatta River Area, Stokes Expl. Mgnt, Brinco Expl. Ltd.; Base Map, Mahatta River Area 1:4023)

EMR MP CORPFILE (Skaist Mines Ltd.), GSC ANN RPT 1986, GSC BULL 242, GSC EC GEOL Series 3, Vol. 1

GSC MAP 4-1974; 255A; 1552A, GSC OF 9; 170; 463, GSC P 69-1A; 70-1A; 72-44; 74-8, GSC SUM RPT 1918B
Carson, D.J.T., (1968): Metallogenic Study of Vancouver Island with Emphasis on the Relationship of Plutonic Rocks to Mineral Deposits, Ph.D. Thesis, Carleton University

Sangster, D.F., (1964): The Contact Metasomatic Magnetite Deposits of Southwestern British Columbia, Ph.D. Thesis, University of British Columbia

2013 Physical Report Liaoning Eden Venture Investments ltd

## Appendix A:

***Cost Statement***

***COPPER 5520584***

| Exploration Work type | | Comment | | Qt. | | | | | | Totals |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |
| **Personnel (Name)/Position** | | **Field Days** | | **Hours** | **Rate** | **Subtotals*** | | | | |
| Fred Eden/Prospector/GM | | | | 20 | $ 25.00 | $ 500.00 | | | | |
| Bin li/ Geologist | | | | 50 | $ 40.00 | $ 2,000.00 | | | | |
| Edward Eden / Exploration Technincian | | | | 50 | $ 25.00 | $ 1,250.00 | | | | |
| Chris zimmer/Operator | | | | 50 | $ 25.00 | $ 1,250.00 | | | | |
| Xiao Feng/assistant | | | | 20 | $ 12.50 | $ 250.00 | | | | |
| | | | | | | $ 5,250.00 | | | | **$ 5,250.00** |
| **Office Studies** | **Personnel** | | | **Hours** | | | | | | |
| Literature Search | Edward Eden/ Fred Eden/ Bin Li | | | 5 | | | | | | |
| Database compilation | Edward Eden/ Fred Eden/ Bin Li | | | 5 | | | | | | |
| General Research | Edward Eden/ Fred Eden/ Bin Li | | | 5 | | | | | | |
| Report Preparation | Edward Eden/ Fred Eden/ Bin Li | | | 5 | | | | | | |
| Other | Edward Eden/ Fred Eden/ Bin Li | | | 5 | | | | | | |
| | | | | 25 | $ 37.50 | $ 937.50 | | | | **$ 937.50** |
| **Sample Analysis** | | | | **No.** | **Rate** | | | | | |
| ALS Rock Sample Analysis | | | | 13 | $ 40.93 | $ 532.09 | | | | |
| ALS Sediment Sample Analysis | | | | 7 | $ 40.93 | $ 286.51 | | | | |
| | | | | | | $ 818.60 | | | | **$ 818.60** |
| **Transportation** | | | | **KM** | **Rate** | | | | | |
| AirFare | | | | | | | | | | |
| Truck Rental | | | | | | | | | | |
| Helicopter (hours) | | | | | | | | | | |
| Other | | | | 1592 | $ 0.50 | $ 796.00 | | | | |
| | | | | | | $ 796.00 | | | | **$ 796.00** |
| **Accomodation & Food** | | | | **No.** | **Rate/day** | | | | | |
| Hotel #1 | | | | 15 | $ 125.00 | $ 1,875.00 | | | | |
| Hotel #2 | | | | | | $ - | | | | |
| Meals | | | | | | $ - | | | | |
| | | | | | | $ 1,875.00 | | | | **$ 1,875.00** |
| **Equipment** | | | | **Hours** | **Rate/hour** | | | | | |
| Truck | | | | 33 | $ 18.75 | $ 618.75 | | | | |
| GPS Navigation x 2 | | | | 80 | $ 1.00 | $ 80.00 | | | | |
| GPS Camera/ Satellite Comm. | | | | 80 | $ 1.00 | $ 80.00 | | | | |
| Chain Saw | | | | 40 | $ 2.00 | $ 80.00 | | | | |
| Wall Tent | | | | 40 | $ 5.00 | $ 200.00 | | | | |
| Generator | | | | 40 | $ 2.00 | $ 80.00 | | | | |
| | | | | | | $ 1,138.75 | | | | **$ 1,138.75** |
| **TOTAL Expenditures** | | | | | | | | | | **$ 10,815.85** |

BRITISH COLUMBIA

Print and Close Cancel

# Mineral Titles Online

## Mineral Claim Exploration and Development Work/Expiry Date Change

**Confirmation**

**Recorder:** LIAONING/EDEN VENTURE INVESTMENTS LTD. (258348)
**Recorded:** 2014/SEP/04
**D/E Date:** 2014/SEP/04

**Submitter:** LIAONING/EDEN VENTURE INVESTMENTS LTD. (258348)
**Effective:** 2014/SEP/04

**Confirmation**

If you have not yet submitted your report for this work program, your physical work report is due in 30 days. The Exploration and Development Work/Expiry Date Change event number is required with your report submission. **Please attach a copy of this confirmation page to your report.** Contact Mineral Titles Branch for more information.

**Event Number:** **5520584**

**Work Type:** Physical Work
**Physical Items:** Labour, Machinery and equipment, Preparatory Surveys, Transportation / travel expenses

**Work Start Date:** 2014/JUN/18
**Work Stop Date:** 2014/JUN/22
**Total Value of Work:** $ 10815.85
**Mine Permit No:**

**Summary of the work value:**

| Tenure Number | Claim Name/Property | Issue Date | Good To Date | New Good To Date | # of Days For-ward | Area in Ha | Applied Work Value | Sub-mission Fee |
|---|---|---|---|---|---|---|---|---|
| 998130 | COPPER1 | 2012/jun/17 | 2015/jan/08 | 2015/sep/05 | 240 | 514.29 | $ 2251.36 | $ 0.00 |
| 998135 | COPPER2 | 2012/jun/17 | 2015/jan/08 | 2015/sep/05 | 240 | 514.34 | $ 2251.55 | $ 0.00 |
| 998142 | COPPER7 | 2012/jun/17 | 2015/jan/08 | 2015/sep/05 | 240 | 349.83 | $ 1531.43 | $ 0.00 |
| 998136 | COPPER3 | 2012/jun/17 | 2015/jan/08 | 2015/sep/05 | 240 | 514.34 | $ 2251.55 | $ 0.00 |
| 998138 | COPPER4 | 2012/jun/17 | 2015/jan/08 | 2015/sep/05 | 240 | 514.34 | $ 2251.55 | $ 0.00 |

**Financial Summary:**

**Total applied work value:** $ 10537.44

**PAC name:**
**Debited PAC amount:** $ 0.0
**Credited PAC amount:** $ 0

**Total Submission Fees:** $ 0.0

**Total Paid:** **$ 0.0**

*Please print this page for your records.*

The event was successfully saved.

Click here to return to the Main Menu.

# Appendix B:

***Certificates of Analysis***

***ALS Chemex Analytical Descriptions***

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

To: **LIAONING EDEN VENTURES**
**4370 KEITH RD**
**WEST VANCOUVER BC V7W 2M2**


**Finalized Date: 29-JUN-2014**
**Account: LIANED**

Project: COPPER

# CERTIFICATE OF ANALYSIS VA14097254

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-TL43 Au ppm 0.001 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COS-14-1 | | 0.72 | 0.003 | <0.2 | 2.46 | 4 | <10 | 80 | 0.8 | <2 | 0.47 | <0.5 | 18 | 22 | 29 | 4.15 |
| COS-14-2 | | 0.70 | 0.001 | <0.2 | 2.29 | 15 | <10 | 20 | 1.0 | <2 | 0.53 | <0.5 | 42 | 13 | 26 | 5.63 |
| COS-14-3 | | 0.78 | 0.003 | <0.2 | 2.37 | 3 | <10 | 30 | 0.5 | <2 | 0.86 | <0.5 | 21 | 31 | 43 | 5.21 |
| COS-14-4 | | 0.96 | 0.002 | <0.2 | 2.59 | 4 | <10 | 30 | 0.6 | <2 | 0.83 | <0.5 | 19 | 28 | 39 | 5.05 |
| COS-14-5 | | 1.06 | 0.001 | <0.2 | 2.36 | 2 | <10 | 40 | 0.6 | <2 | 0.80 | <0.5 | 21 | 28 | 36 | 4.91 |
| COS-14-6 | | 0.68 | 0.002 | <0.2 | 2.26 | 4 | 10 | 30 | 0.5 | <2 | 0.78 | <0.5 | 21 | 30 | 40 | 5.08 |
| COS-14-7 | | 0.72 | 0.002 | <0.2 | 1.85 | 32 | 40 | 60 | 1.0 | <2 | 2.56 | 0.5 | 23 | 40 | 11 | 8.48 |

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

ALS Canada Ltd.
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To: **LIAONING EDEN VENTURES**
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**WEST VANCOUVER BC V7W 2M2**


**Finalized Date: 29-JUN-2014**
**Account: LIANED**

Project: COPPER

# CERTIFICATE OF ANALYSIS VA14097254

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| | Units | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | LOR | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| COS-14-1 | | 10 | <1 | 0.04 | 10 | 0.67 | 4070 | 1 | 0.12 | 18 | 690 | 5 | 0.05 | <2 | 5 | 25 |
| COS-14-2 | | 10 | 1 | 0.03 | 10 | 0.69 | 1640 | 2 | 0.03 | 12 | 1800 | 5 | 0.07 | 2 | 6 | 14 |
| COS-14-3 | | 10 | 1 | 0.03 | 10 | 1.51 | 979 | 1 | 0.02 | 32 | 680 | 4 | 0.03 | <2 | 9 | 34 |
| COS-14-4 | | 10 | <1 | 0.03 | 10 | 1.34 | 934 | 1 | 0.02 | 28 | 640 | 2 | 0.04 | <2 | 8 | 31 |
| COS-14-5 | | 10 | <1 | 0.03 | 10 | 1.32 | 1355 | 1 | 0.02 | 28 | 660 | 4 | 0.04 | <2 | 8 | 33 |
| COS-14-6 | | 10 | <1 | 0.03 | 10 | 1.54 | 977 | <1 | 0.03 | 32 | 660 | 4 | 0.05 | <2 | 9 | 33 |
| COS-14-7 | | 10 | <1 | 0.09 | 10 | 2.87 | 1195 | <1 | 0.01 | 49 | 1280 | 11 | 0.07 | <2 | 17 | 77 |

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

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**4370 KEITH RD**
**WEST VANCOUVER BC V7W 2M2**


**Finalized Date: 29-JUN-2014**
**Account: LIANED**

Project: COPPER

# CERTIFICATE OF ANALYSIS VA14097254

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|
| | Analyte | Th | Ti | Tl | U | V | W | Zn |
| | Units | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | LOR | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| COS-14-1 | | <20 | 0.19 | <10 | <10 | 84 | <10 | 180 |
| COS-14-2 | | <20 | 0.18 | <10 | <10 | 135 | <10 | 47 |
| COS-14-3 | | <20 | 0.31 | <10 | <10 | 141 | <10 | 91 |
| COS-14-4 | | <20 | 0.28 | <10 | <10 | 126 | <10 | 127 |
| COS-14-5 | | <20 | 0.28 | <10 | <10 | 132 | <10 | 102 |
| COS-14-6 | | <20 | 0.28 | <10 | <10 | 128 | <10 | 98 |
| COS-14-7 | | <20 | 0.06 | <10 | <10 | 157 | <10 | 60 |

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

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4370 KEITH RD
WEST VANCOUVER BC V7W 2M2


Finalized Date: 29-JUN-2014
Account: LIANED

Project: COPPER

# CERTIFICATE OF ANALYSIS VA14097254

## CERTIFICATE COMMENTS

### LABORATORY ADDRESSES

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

Au-TL43
LOG-22
ME-ICP41
SCR-41
WEI-21

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

To: **LIAONING EDEN VENTURES**
**4370 KEITH RD**
**WEST VANCOUVER BC V7W 2M2**


**Finalized Date: 29-JUN-2014**
**This copy reported on 30-JUN-2014**
**Account: LIANED**

# CERTIFICATE VA14097254

Project: COPPER

This report is for 7 Sediment samples submitted to our lab in Vancouver, BC, Canada on 24-JUN-2014.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| TED | FRED EDEN | BIN LI |

## SAMPLE PREPARATION

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

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au-TL43 | Trace Level Au - 25g AR | ICP-MS |
| ME-ICP41 | 35 Element Aqua Regia ICP-AES | ICP-AES |

To: **LIAONING EDEN VENTURES**
**ATTN: TED**
**4370 KEITH RD**
**WEST VANCOUVER BC V7W 2M2**

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

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

**Signature:** 
Colin Ramshaw, Vancouver Laboratory Manager

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

To: **LIAONING EDEN VENTURES**
**4370 KEITH RD**
**WEST VANCOUVER BC V7W 2M2**


**Finalized Date: 28-JUN-2014**
**Account: LIANED**

Project: COPPER

# CERTIFICATE OF ANALYSIS VA14097253

## CERTIFICATE COMMENTS

### LABORATORY ADDRESSES

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

| Applies to Method: | | | |
|---|---|---|---|
| Au-ICP21 | CRU-31 | CRU-QC | LOG-22 |
| ME-ICP41 | PUL-31 | PUL-QC | SPL-21 |
| WEI-21 | | | |

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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**4370 KEITH RD**
**WEST VANCOUVER BC V7W 2M2**


**Finalized Date: 28-JUN-2014**
**Account: LIANED**

Project: COPPER

# CERTIFICATE OF ANALYSIS VA14097253

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|
| | Analyte | Th | Ti | Tl | U | V | W | Zn |
| | Units | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | LOR | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| COR-14-1 | | <20 | <0.01 | <10 | <10 | 9 | <10 | 94 |
| COR-14-3 | | <20 | 0.02 | <10 | <10 | 19 | <10 | 18 |
| COR-14-4 | | <20 | <0.01 | <10 | <10 | 7 | <10 | 9 |
| COR-14-5 | | <20 | 0.31 | <10 | <10 | 349 | <10 | 29 |
| COR-14-6 | | <20 | <0.01 | <10 | <10 | 6 | <10 | 28 |
| COR-14-7 | | <20 | <0.01 | <10 | <10 | 4 | <10 | 7 |
| COR-14-8 | | <20 | <0.01 | <10 | <10 | 24 | <10 | 73 |
| COR-14-9 | | <20 | <0.01 | <10 | <10 | 2 | <10 | 37 |
| COR-14-10 | | <20 | 0.01 | <10 | <10 | 2 | <10 | 51 |
| COR-14-11 | | <20 | <0.01 | <10 | <10 | 27 | <10 | 8 |
| COR-14-12 | | <20 | <0.01 | <10 | <10 | 41 | <10 | 33 |
| COR-14-13 | | <20 | <0.01 | <10 | <10 | 9 | <10 | 10 |
| COR-14-14 | | <20 | <0.01 | <10 | <10 | 21 | <10 | 10 |

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

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**Finalized Date: 28-JUN-2014**
**Account: LIANED**

Project: COPPER

# CERTIFICATE OF ANALYSIS VA14097253

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| | Units | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | LOR | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| COR-14-1 | | 10 | <1 | 0.13 | 20 | 0.43 | 482 | 6 | 0.06 | <1 | 610 | 18 | 1.30 | <2 | 4 | 3 |
| COR-14-3 | | 10 | <1 | 0.01 | 10 | 0.64 | 118 | 1 | 0.13 | 3 | 650 | 4 | 0.31 | <2 | 3 | 4 |
| COR-14-4 | | <10 | <1 | 0.15 | 10 | 0.12 | 113 | 3 | 0.07 | <1 | 1210 | 3 | 2.11 | <2 | 1 | 5 |
| COR-14-5 | | 10 | <1 | 0.06 | <10 | 1.53 | 417 | <1 | 0.14 | 16 | 1760 | 3 | 0.40 | 2 | 6 | 26 |
| COR-14-6 | | <10 | <1 | 0.08 | 10 | 0.02 | 158 | 1 | 0.09 | 2 | 200 | 4 | 0.12 | <2 | 1 | 2 |
| COR-14-7 | | <10 | <1 | 0.15 | 20 | 0.11 | 65 | 1 | 0.08 | 2 | 190 | 3 | 0.06 | <2 | 1 | 3 |
| COR-14-8 | | <10 | <1 | 0.08 | 10 | 0.68 | 818 | 3 | 0.06 | 9 | 590 | 3 | 0.09 | <2 | 5 | 14 |
| COR-14-9 | | 10 | <1 | 0.17 | 10 | 0.12 | 337 | 1 | 0.04 | 2 | 20 | 4 | 0.09 | <2 | 1 | 2 |
| COR-14-10 | | <10 | <1 | 0.26 | 10 | 0.02 | 326 | 1 | 0.07 | <1 | 150 | 3 | 0.02 | 2 | 1 | 2 |
| COR-14-11 | | <10 | <1 | 0.04 | <10 | 0.02 | 66 | <1 | 0.02 | 4 | 70 | <2 | 0.01 | <2 | 4 | 16 |
| COR-14-12 | | <10 | <1 | 0.01 | <10 | 1.86 | 524 | <1 | 0.01 | 9 | 200 | 4 | 0.01 | 2 | 5 | 83 |
| COR-14-13 | | <10 | <1 | 0.02 | <10 | 0.02 | 70 | <1 | 0.11 | 4 | 60 | <2 | 0.01 | <2 | 6 | 9 |
| COR-14-14 | | <10 | <1 | 0.01 | <10 | 0.02 | 362 | <1 | 0.10 | 10 | 100 | <2 | 0.01 | <2 | 6 | 10 |

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

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

To: **LIAONING EDEN VENTURES**
**4370 KEITH RD**
**WEST VANCOUVER BC V7W 2M2**


**Finalized Date: 28-JUN-2014**
**Account: LIANED**

Project: COPPER

# CERTIFICATE OF ANALYSIS VA14097253

| Sample Description | Method | WEI-21 | Au-ICP21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| | LOR | 0.02 | 0.001 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| COR-14-1 | | 0.66 | 0.003 | <0.2 | 1.32 | 10 | <10 | 60 | 0.7 | <2 | 0.11 | <0.5 | 3 | 3 | 4 | 4.07 |
| COR-14-3 | | 0.90 | 0.001 | <0.2 | 0.58 | 2 | <10 | 10 | <0.5 | <2 | 0.36 | <0.5 | 1 | 6 | 1 | 1.00 |
| COR-14-4 | | 1.58 | <0.001 | <0.2 | 0.52 | 2 | 10 | 30 | 0.6 | 2 | 0.09 | <0.5 | 16 | 4 | 2 | 4.69 |
| COR-14-5 | | 0.50 | <0.001 | <0.2 | 1.54 | 23 | <10 | 20 | <0.5 | <2 | 1.22 | <0.5 | 14 | 31 | 4 | 7.75 |
| COR-14-6 | | 0.92 | 0.001 | <0.2 | 0.29 | 24 | <10 | 20 | <0.5 | 2 | 0.02 | <0.5 | 2 | 4 | 2 | 1.50 |
| COR-14-7 | | 1.00 | 0.001 | 0.6 | 0.53 | 12 | <10 | 40 | <0.5 | <2 | 0.05 | <0.5 | <1 | 5 | 2 | 1.42 |
| COR-14-8 | | 1.06 | 0.001 | <0.2 | 0.39 | 8 | <10 | 20 | 0.7 | <2 | 0.41 | <0.5 | 9 | 8 | 6 | 4.84 |
| COR-14-9 | | 1.08 | 0.001 | <0.2 | 0.57 | 9 | <10 | 120 | 0.5 | <2 | 0.02 | <0.5 | 1 | 7 | 12 | 2.10 |
| COR-14-10 | | 0.94 | <0.001 | <0.2 | 0.45 | 6 | <10 | 50 | 0.5 | <2 | 0.03 | <0.5 | 1 | 3 | 2 | 1.62 |
| COR-14-11 | | 1.10 | 0.003 | <0.2 | 0.33 | 3 | <10 | <10 | <0.5 | <2 | 0.03 | <0.5 | 1 | 7 | 1 | 1.42 |
| COR-14-12 | | 0.82 | <0.001 | <0.2 | 0.31 | 4 | <10 | 10 | <0.5 | <2 | 5.96 | <0.5 | 7 | 5 | 1 | 2.22 |
| COR-14-13 | | 0.76 | <0.001 | <0.2 | 0.27 | 4 | <10 | <10 | <0.5 | <2 | 0.04 | <0.5 | 1 | 4 | <1 | 0.85 |
| COR-14-14 | | 0.68 | <0.001 | <0.2 | 0.30 | 3 | <10 | 10 | <0.5 | <2 | 0.06 | <0.5 | 2 | 2 | <1 | 0.90 |

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

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

To: **LIAONING EDEN VENTURES**
**4370 KEITH RD**
**WEST VANCOUVER BC V7W 2M2**


**Finalized Date: 28-JUN-2014**
**This copy reported on 30-JUN-2014**
**Account: LIANED**

# CERTIFICATE VA14097253

Project: COPPER

This report is for 13 Rock samples submitted to our lab in Vancouver, BC, Canada on 24-JUN-2014.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| TED | FRED EDEN | BIN LI |

## SAMPLE PREPARATION

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

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| ME-ICP41 | 35 Element Aqua Regia ICP-AES | ICP-AES |
| Au-ICP21 | Au 30g FA ICP-AES Finish | ICP-AES |

To: **LIAONING EDEN VENTURES**
**ATTN: TED**
**4370 KEITH RD**
**WEST VANCOUVER BC V7W 2M2**

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

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

**Signature:**
Colin Ramshaw, Vancouver Laboratory Manager

# ME-ICP41

## Trace Level Methods Using Conventional ICP-AES Analysis

### Sample Decomposition:

HNO3 – HCl Aqua Regia Digestion (GEO-AR01)

### Analytical Method:

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)

A prepared sample (0.50 g) is digested with aqua regia for 45 minutes in a graphite heating block. After cooling, the resulting solution is diluted to 12.5 mL with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results are corrected for inter-element spectral interferences.

**NOTE**: In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.

| Element | Symbol | Units | Lower Limit | Upper Limit | Default Overlimit Method |
|---|---|---|---|---|---|
| Silver | Ag | ppm | 0.2 | 100 | Ag-OG46 |
| Aluminum | Al | % | 0.01 | 25 | |
| Arsenic | As | ppm | 2 | 10000 | |
| Boron | B | ppm | 10 | 10000 | |
| Barium | Ba | ppm | 10 | 10000 | |
| Beryllium | Be | ppm | 0.5 | 1000 | |
| Bismuth | Bi | ppm | 2 | 10000 | |
| Calcium | Ca | % | 0.01 | 25 | |
| Cadmium | Cd | ppm | 0.5 | 1000 | |
| Cobalt | Co | ppm | 1 | 10000 | |
| Chromium | Cr | ppm | 1 | 10000 | |



| Element | Symbol | Units | Lower Limit | Upper Limit | Default Overlimit Method |
|---|---|---|---|---|---|
| Copper | Cu | ppm | 1 | 10000 | Cu-OG46 |
| Iron | Fe | % | 0.01 | 50 | |
| Gallium | Ga | ppm | 10 | 10000 | |
| Mercury | Hg | ppm | 1 | 10000 | |
| Potassium | K | % | 0.01 | 10 | |
| Lanthanum | La | ppm | 10 | 10000 | |
| Magnesium | Mg | % | 0.01 | 25 | |
| Manganese | Mn | ppm | 5 | 50000 | |
| Molybdenum | Mo | ppm | 1 | 10000 | |
| Sodium | Na | % | 0.01 | 10 | |
| Nickel | Ni | ppm | 1 | 10000 | |
| Phosphorus | P | ppm | 10 | 10000 | |
| Lead | Pb | ppm | 2 | 10000 | Pb-OG46 |
| Sulfur | S | % | 0.01 | 10 | |
| Antimony | Sb | ppm | 2 | 10000 | |
| Scandium | Sc | ppm | 1 | 10000 | |
| Strontium | Sr | ppm | 1 | 10000 | |
| Thorium | Th | ppm | 20 | 10000 | |
| Titanium | Ti | % | 0.01 | 10 | |
| Thallium | Tl | ppm | 10 | 10000 | |
| Uranium | U | ppm | 10 | 10000 | |
| Vanadium | V | ppm | 1 | 10000 | |
| Tungsten | W | ppm | 10 | 10000 | |
| Zinc | Zn | ppm | 2 | 10000 | Zn-OG46 |



**Elements listed below are available upon request**

| Element | Symbol | Units | Lower Limit | Upper Limit | Default Overlimit Method |
|---|---|---|---|---|---|
| Cerium | Ce | ppm | 10 | 10000 | |
| Hafnium | Hf | ppm | 10 | 10000 | |
| Indium | In | ppm | 10 | 10000 | |
| Lithium | Li | ppm | 10 | 10000 | |
| Niobium | Nb | ppm | 10 | 10000 | |
| Rubidium | Rb | ppm | 10 | 10000 | |
| Selenium | Se | ppm | 10 | 10000 | |
| Silicon | Si | ppm | 10 | 10000 | |
| Tin | Sn | ppm | 10 | 10000 | |
| Tantalum | Ta | ppm | 10 | 10000 | |
| Tellurium | Te | ppm | 10 | 10000 | |
| Yttrium | Y | ppm | 10 | 10000 | |
| Zirconium | Zr | ppm | 5 | 10000 | |

# Au-ICP21 and Au-ICP22
# Fire Assay Fusion ICP-AES Finish

## Sample Decomposition:

Fire Assay Fusion (FA-FUSPG1 & FA-FUSPG2)

## Analytical Method:

Inductively Coupled Plasma – Atomic Emission Spectrometry (ICP-AES)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven. 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by inductively coupled plasma atomic emission spectrometry against matrix-matched standards.

| Method Code | Element | Symbol | Units | Sample Weight (g) | Lower Limit | Upper Limit | Default Overlimit Method |
|---|---|---|---|---|---|---|---|
| Au-ICP21 | Gold | Au | ppm | 30 | 0.001 | 10 | Au-AA25 |
| Au-ICP22 | Gold | Au | ppm | 50 | 0.001 | 10 | Au-AA26 |

# Appendix C:

***MINFILE Detail Report***

BRITISH COLUMBIA

*MINFILE Detail Report*
*BC Geological Survey*
*Ministry of Energy, Mines & Petroleum Resources*

## Location/Identification

**MINFILE Number:** 092L 230
**National Mineral Inventory Number:** 092L5 Cu8
**Name(s):** LFS

**Status:** Showing
**Mining Division:** Nanaimo
**Electoral District:** North Island
**Regions:** British Columbia, Vancouver Island
**Forest District:** North Island - Central Coast Forest District
**BCGS Map:** 092L042
**NTS Map:** 092L05W
**UTM Zone:** 09 (NAD 83)
**Latitude:** 50 27 07 N
**Northing:** 5589623
**Longitude:** 127 45 16 W
**Easting:** 588424
**Elevation:** 366 metres
**Location Accuracy:** Within 500M
**Comments:** Location from Assessment Report 2391, is 2.5 kilometres south of Quatsino Sound, 3.5 kilometres east of the village of Mahatta River.

## Mineral Occurrence

**Commodities:** Copper

**Minerals** **Significant:** Chalcopyrite, Pyrite, Hematite, Magnetite
**Alteration:** Quartz, Clay, Tourmaline
**Alteration Type:** Argillic, Silicific'n, Carbonate
**Mineralization Age:** Unknown

**Deposit** **Character:** Disseminated
**Classification:** Hydrothermal, Epigenetic, Porphyry
**Shape:** Tabular
**Dimension:** 150x30x0 metres
**Comments:** Mineralization occurs over an area 150 by 30 metres.

## Host Rock

**Dominant Host Rock:** Volcanic

| Stratigraphic Age | Group | Formation | Igneous/Metamorphic/Other |
|---|---|---|---|
| Lower Jurassic | Bonanza | Undefined Formation | ----- |
| Jurassic | ----- | ----- | Island Plutonic Suite |

| Isotopic Age | Dating Method | Material Dated |
|---|---|---|
| 200 Ma | Fossil | 200 Ma |
| 154 +/- 6 Ma | Potassium/Argon | Biotite |

**Lithology:** Volcanic Breccia, Fine Grained Andesite, Vesicular Andesite, Hornblende Albite Diorite
**Comments:** Mollusks from Quatsino Sound; biotite from Island Copper stock (Geological Survey of Canada Paper 74-8).

## Geological Setting

**Tectonic Belt:** Insular
**Physiographic Area:** Vancouver Island Ranges
**Terrane:** Wrangell, Plutonic Rocks

**MINFILE Number:** 092L 230 **Name:** LES **Status:** Showing

| Ore Zone/ Year/Report On | Tonnage/ Category | Commodity | Grade | Reference/ Comments |
|---|---|---|---|---|
| SAMPLE | | Copper | 0.6000 % | Samples ranged from 0.15 to 0.60 per cent copper. National Mineral Inventory Number 092L5 Cu8. |
| 1970 N | Assay/analysis Chip | | | |

BRITISH COLUMBIA

*MINFILE Detail Report*
*BC Geological Survey*
*Ministry of Energy, Mines & Petroleum Resources*

## Location/Identification

**MINFILE Number:** 092L 325
**Name(s):** KEW
Q

**Status:** Showing
**Mining Method** Open Pit
**Regions:** British Columbia, Vancouver Island
**BCGS Map:** 092L042
**NTS Map:** 092L05E
**Latitude:** 50 27 34 N
**Longitude:** 127 42 12 W
**Elevation:** 180 metres
**Location Accuracy:** Within 500M

**Mining Division:** Nanaimo
**Electoral District:** North Island
**Forest District:** North Island - Central Coast Forest District

**UTM Zone:** 09 (NAD 83)
**Northing:** 5590519
**Easting:** 592038

**Comments:** Location of mineralization is 2.5 kilometres southeast of the mouth of Kawquodie Creek on the south side of Quatsino Sound (Leighton, D.G., 1974).

## Mineral Occurrence

**Commodities:** Copper

**Minerals** **Significant:** Chalcopyrite, Bornite

**Mineralization Age:** Unknown

**Deposit** **Character:** Disseminated
**Classification:** Unknown

## Host Rock

**Dominant Host Rock:** Volcanic

| Stratigraphic Age | Group | Formation | Igneous/Metamorphic/Other |
|---|---|---|---|
| Lower Jurassic | Bonanza | Undefined Formation | ----- |
| Jurassic | ----- | ----- | Island Plutonic Suite |

| Isotopic Age | Dating Method | Material Dated |
|---|---|---|
| 200 Ma | Fossil | 200 Ma |
| 154 +/- 6 Ma | Potassium/Argon | Biotite |

**Lithology:** Basic Dike, Tuffaceous Breccia, Granitic Rock

**Comments:** Mollusks from Quatsino Sound. Biotite from Island Copper Stock (Geological Survey of Canada Paper 74-8).

## Geological Setting

**Tectonic Belt:** Insular
**Physiographic Area:** Vancouver Island Ranges
**Terrane:** Wrangell, Plutonic Rocks

## Inventory

## Location/Identification

**MINFILE Number:** 092L 335
**Name(s):** KLOOTCH

**Status:** Showing
**Regions:** British Columbia, Vancouver Island
**BCGS Map:** 092L042
**NTS Map:** 092L05E
**Latitude:** 50 27 05 N
**Longitude:** 127 39 56 W
**Elevation:** 150 metres
**Location Accuracy:** Within 500M
**Comments:** Location of mineralization is 300 metres west of Klootchlimmis Creek, 3.5 kilometres from its mouth on Quatsino Sound (from Property File, 092L 230).

**Mining Division:** Nanaimo
**Electoral District:** North Island
**Forest District:** North Island - Central Coast Forest District

**UTM Zone:** 09 (NAD 83)
**Northing:** 5589671
**Easting:** 594736

## Mineral Occurrence

**Commodities:** Copper, Magnetite

**Minerals**
**Significant:** Chalcopyrite, Pyrite, Magnetite
**Mineralization Age:** Unknown

**Deposit**
**Character:** Disseminated
**Classification:** Hydrothermal, Porphyry, Industrial Min.

## Host Rock

**Dominant Host Rock:** Volcanic

| Stratigraphic Age | Group | Formation | Igneous/Metamorphic/Other |
|---|---|---|---|
| Lower Jurassic | Bonanza | Undefined Formation | ----- |
| Jurassic | ------ | ------ | Island Plutonic Suite |

| Isotopic Age | Dating Method | Material Dated |
|---|---|---|
| 200 Ma | Fossil | Mollusks |
| 154 +/- 6 Ma | Potassium/Argon | Biotite |

**Lithology:** Albite Feldspar Diorite Dike, Clastic Sediment/Sedimentary
**Comments:** Mollusks from Quatsino Sound. Biotite from Island Copper Stock (Geological Survey of Canada Paper 74-8).

## Geological Setting

**Tectonic Belt:** Insular
**Terrane:** Wrangell, Plutonic Rocks
**Physiographic Area:** Vancouver Island Ranges

## Inventory

**No inventory data**

## Capsule Geology

The area lies within the Insular Belt of the Cordillera and is underlain mainly by volcanics, crystalline rocks and minor sedi- ments. Andesitic to rhyodacitic lava, tuff and breccia of the Lower Jurassic Bonanza Group overlie an assemblage consisting of Paleozoic Sicker Group sediments and Upper Triassic Vancouver Group basalts and minor carbonate and clastic sediments.

BRITISH COLUMBIA

*MINFILE Detail Report*
*BC Geological Survey*
*Ministry of Energy, Mines & Petroleum Resources*

## Location/Identification

**MINFILE Number:** 092L 324
**Name(s):** **CLEAGH**

**Status:** Showing
**Regions:** British Columbia, Vancouver Island
**BCGS Map:** 092L042
**NTS Map:** 092L05E
**Latitude:** 50 26 29 N
**Longitude:** 127 43 36 W
**Elevation:** 200 metres
**Location Accuracy:** Within 500M
**Mining Division:** Nanaimo
**Electoral District:** North Island
**Forest District:** North Island - Central Coast Forest District
**UTM Zone:** 09 (NAD 83)
**Northing:** 5588483
**Easting:** 590416
**Comments:** Location of mineralization is 4 kilometres south of Quatsino Sound, 2 kilometres west of Kowquodie Creek (Leighton, D.G., 1974).

## Mineral Occurrence

**Commodities:** Copper, Molybdenum, Zinc

**Minerals**
**Significant:** Chalcopyrite, Molybdenite, Sphalerite
**Associated:** Quartz

**Mineralization Age:** Unknown

**Deposit**
**Character:** Vein, Stockwork
**Classification:** Hydrothermal, Epigenetic

## Host Rock

**Dominant Host Rock:** Volcanic

| Stratigraphic Age | Group | Formation | Igneous/Metamorphic/Other |
|---|---|---|---|
| Lower Jurassic | Bonanza | Undefined Formation | ----- |
| Jurassic | ----- | ----- | Island Plutonic Suite |

| Isotopic Age | Dating Method | Material Dated |
|---|---|---|
| 200 Ma | Fossil | 200 Ma |
| 154 +/- 6 Ma | Potassium/Argon | Biotite |

**Lithology:** Basic Lava, Felsic Breccia, Granitic Rock
**Comments:** Mollusks from Quatsino Sound. Biotite from Island Copper Stock (Geological Survey of Canada Paper 74-8).

## Geological Setting

**Tectonic Belt:** Insular
**Physiographic Area:** Vancouver Island Ranges
**Terrane:** Wrangell, Plutonic Rocks

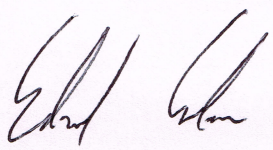
## Inventory

# Statement of Qualifications
## Edward Eden

I am a part time employee of LE Mining and a mature Geomatics student who has given up a life in Eastern Ontario to actively pursue a career in the field of mineral exploration in BC. These ambitions stem from a belief that BC mining and natural resources hold a very promising long-term future in a growing industry. Being an outdoor enthusiast has made this transition very easy.

Prior to deciding to enter the exciting field of geology and exploration I spent 5 years working at grading, layout and GPS surveying for a major road development company.

Under the supervision and teachings of Mr. Li Bin I have been fortunate to have some substantial in field experience on both a practical and theoretical level. I have also tried to submerge myself in readings and literature with a focus on physical geology.



# Appendix D - Amendments

- as per MEM letter dated June 25, 2015
- File No. 13825-03-3731
- SOW Event: 5520584
- Assessment Report: 34924

# Statement of Qualifications

**Fred Eden**, *co-author*

Fred has ten years of experiences in prospecting in Alberta and BC, in the fields of paleontological and mineral exploration. For the past four years, he has been managing Liaoning/Eden Venture Investments Ltd., a private mineral exploration company focusing on early stage projects in BC. He oversees the company's staking and acquisition of mineral claims, work programs and financing. He also participated in field work in 2013.

**Bin Li**, *co-author*

Bin holds a Bachelor of Science degree in Geology and a Master of Science degree in Geology, both from Northeast University in China, with a specialization in geophysics. He is a registered geologist in China and has worked for one of the largest exploration companies in China for four years. He worked as a staff geologist in many of the government sponsored exploration programs in China, being the project manager in one of them. Over the past three years, he has worked with Liaoning/Eden's team and consultants on all of the company's BC projects and helped develop and implement exploration strategy and work programs. During the course of exploration programs over the past years, he has gained a great amount of practical knowledge and experience in BC's geological settings, exploration approach and technics, as well as laws and regulations governing the mineral exploration industry.

BRITISH COLUMBIA
The Best Place on Earth

**Ministry of Energy and Mines**
BC Geological Survey

**Assessment Report**
**Title Page and Summary**

**TYPE OF REPORT [type of survey(s)]:** Techincal

**TOTAL COST:** $10,815.85

**AUTHOR(S):** Edward Eden, Bin Li, Fred Eden

**SIGNATURE(S):**

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

**YEAR OF WORK:** 2014

**STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S):** 5520584/September 4, 2014

**PROPERTY NAME:** Klootchlimmis Creek Property

**CLAIM NAME(S) (on which the work was done):** Copper 1, 2, 3, 4, 7

**COMMODITIES SOUGHT:** copper, gold

**MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:** 092L 230, 325, 335, 324

**MINING DIVISION:** Nanaimo

**NTS/BCGS:** 092L05E/092L042

**LATITUDE:** 50 ° 27 '07 " **LONGITUDE:** 127 ° 45 '16 " **(at centre of work)**

**OWNER(S):**

1) Liaoning/Eden Venture Investments Ltd.

2)

**MAILING ADDRESS:**

4370 Keith Rd. West Vancouver BC

981 Chamberlin Rd., Gibsons, BC (as of 3/1/2015)

**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):**

lower Jurassic Bonanza Group basaltic to rhyolite, lower cretaceous kyuquot group sedimentary rocks;

north-south intrusion on the East, biotite and granodiorite; A small stock consists of homblende-albite diorite.

northwest trending fault

Weak epidote follow fracture, argillic-carbonate and silicic alteration, disseminated pyrite and rare chalcopyrite

**REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:** 2013 Physical Report(Liaoning/Eden)

1969 Geological & Geochemical Report on the Les Claim Group (ARIS 02391)

Next Page

| TYPE OF WORK IN THIS REPORT | EXTENT OF WORK (IN METRIC UNITS) | ON WHICH CLAIMS | PROJECT COSTS APPORTIONED (incl. support) |
|---|---|---|---|
| **GEOLOGICAL (scale, area)** | | | |
| Ground, mapping | 1:10000, 5km2 | 998-130,135, 136, 138, 142 | $ 4,998.62 |
| Photo interpretation | | | |
| **GEOPHYSICAL (line-kilometres)** | | | |
| Ground | | | |
| Magnetic | | | |
| Electromagnetic | | | |
| Induced Polarization | | | |
| Radiometric | | | |
| Seismic | | | |
| Other | | | |
| Airborne | | | |
| **GEOCHEMICAL (number of samples analysed for...)** | | | |
| Soil | | | |
| Silt | 7/Au,Ag,Al,As,B,Ba,Be,Bi,Ca,Cd,Co,Cr,Cu,Fe,Ga,H | Copper 1, 2, 3, 4, 7 | $ 1,666.21 |
| Rock | 14/Au,Ag,Al,As,B,Ba,Be,Bi,Ca,Cd,Co,Cr,Cu,Fe,G | Copper 1, 2, 3, 4, 7 | $ 3,332.42 |
| Other | | | |
| **DRILLING (total metres; number of holes, size)** | | | |
| Core | | | |
| Non-core | | | |
| **RELATED TECHNICAL** | | | |
| Sampling/assaying | ALS ME-ICP41, Au-ICP21 for rocks; | 998-130, 135, 136, 138, 142 | $818.60 |
| Petrographic | (cont'd) Au-ICP41, ME-TL43 for sediment | | |
| Mineralographic | | | |
| Metallurgic | | | |
| **PROSPECTING (scale, area)** | 1:10000, 5 Km2 | | |
| **PREPARATORY / PHYSICAL** | | | |
| Line/grid (kilometres) | | | |
| Topographic/Photogrammetric (scale, area) | | | |
| Legal surveys (scale, area) | | | |
| Road, local access (kilometres)/trail | | | |
| Trench (metres) | | | |
| Underground dev. (metres) | | | |
| Other | | | |
| | | **TOTAL COST:** | $10.815.85 |

# 2014 Sample results(Au) and Bedrock Geological Map of Klootchlimmis Creek in BC, Canada

1:10,000

N

1:10,000

COS-14-6Au@ .002
Cor-14-10 Au@<0.001
Au@ Cor-14-8 Au@<0.001
COS-14-5Au@ .001
Cor-14-9 Au@0.001
COS-14-4Au@ .002
COS-14-3Au@ .003
Cor-14-6 Au@0.001
COS-14-1Au@ .003
Cor-14-1 Au@0.003
COS-14-7Au@ .002
Cor-14-12 Au@<0.001
Cor-14-13 Au@<0.001
Cor-14-14 Au@<0.001
Cor-14-11 Au@0.003
Cor-14-5 Au@<0.001
Cor-14-3 Au@0.001Cor-14-4 Au@<0.001
COS-14-2Au@ .001
KLOOTCH
0 250 500 1,000 1,500 2,000 meters

LEGEND

- showing
- logging road
- river
- Fault
- copper claims
- ocean

| | |
|---|---|
| JKKy | JKKy Early Jurassic to Lower Cretaceous, Kyuquot Group undivided sedimentary rocks, Siltstone, shale, greywacke, calcareous grit and conglomerate. |
| lJBn | lJBn - Lower Jurassic - Bonanza Group calc-alkaline volcanic rocks, Massive amygdaloidal and pillowed basalt to andesite flows, dacite to rhyolite massive or laminated lava, green and maroon |
| muTrVa | muTrVa: Upper Triassic Vancouver Group , limestone, slate, siltstone, argillite |
| EMJgd | EMJgd Island Plutonic Suite granodioritic intrusive rocks, Granodiorite, quartz diorite, quartz monzonite, diorite, agmatite, feldspar porphyry, minor gabbro and aplite (170 - 185 Ma) |

## 2014 samples

- sedimental samples No@Au(ppm)
- rock samples No@Au(ppm)

# 2014 Sample results(Ag) and Bedrock Geological Map of Klootchlimmis Creek in BC, Canada

1:10,000

N

1:10,000

Cor-14-11 Ag@<0.2

Cor-14-12 Ag@<0.2

Cor-14-13 Ag@<0.2

Cor-14-14 Ag@<0.2

COS-14-7Ag@ <0.2

Cor-14-10 Ag@<0.2

Ag@ Cor-14-8 Ag@<0.2

Cor-14-9 Ag@<0.2

COS-14-6Ag@ <0.2

COS-14-5Ag@ <0.2

COS-14-4Ag@ <0.2

COS-14-3Ag@ <0.2

Cor 14-6 Ag@<0.2

COS-14-1Ag@ <0.2

Cor-14-1 Ag@<0.2

Cor-14-4 Ag@<0.2
Cor-14-5 Ag@<0.02Cor-14-3 Ag@<0.2

COS-14-2Ag@ <0.2

0 250 500 1,000 1,500 2,000 meters

LEGEND

- showing
- logging road
- river
- Fault
- copper claims
- ocean

| | |
|---|---|
| JKKy | JKKy Early Jurassic to Lower Cretaceous, Kyuquot Group undivided sedimentary rocks, Siltstone, shale, greywacke, calcareous grit and conglomerate. |
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## 2014 samples

- sedimental samples No@Ag(ppm)
- rock samples No@Ag(ppm)