

**GEOLOGICAL ASSESSMENT REPORT ON GEOCHEMICAL  
EXPLORATION FOR NICKEL-COBALT-MAGNESIUM-GOLD  
PROPERTY, NEW WESTMINSTER MINING DIVISION, BRITISH  
COLOMBIA 2013.**

**Property Location**

New Westminster Mining Division  
N.T.S. Grid 92H/06(E)  
Centered Near  
Latitude: 49°25' N  
Longitude: 121°13' W

**BC Geological Survey  
Assessment Report  
34562**

**North Group**

Serp#1, Serp#2, Serp#3, Serp #4, and Serp#8

**Event Number: 5478732**

**Owner**

Ram Vallabh  
603 East, 30<sup>th</sup> Avenue,  
Vancouver, B.C., V5V 2V7

**Operator**

Almo Capital Corp.  
And  
Precious Metals Corp.  
603 East, 30<sup>th</sup> Avenue,  
Vancouver, B.C., V5V 2V7

**Author of Report:**

Ram Vallabh, M.Sc. (Geo.), LL.B

**Geological Work Done By:**

Amit Kumar M.Sc. (Geo.)

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## **Item 1: INTRODUCTION**

Almo Capital Corp. acquired the "Nickel - Cobalt - Magnesium - Gold Property" recently for cash on March 23, 2007. The "Nickel - Cobalt - Magnesium - Gold Property" was acquired for a total of \$5000, of which \$100 has been already paid, and \$4,900 is yet to be paid in due time.

The Serp#1, Serp#2, Serp#3, Serp#4, and Serp#8 mineral claims are jointly held by Almo Capital Corp. , Silcum Resources Ltd. and Precious metals Corp. of Vancouver, B.C.

According to the terms of the agreement, Almo Capital Corp. acquired an equity position of 52% in the "Nickel - Cobalt - Magnesium - Gold Property". There is a 3% NSR held by people who are in a cooperative relationship with the company. The remaining 48% of equity is also jointly held by Silcum Resources Ltd. and Precious metals Corp. who are in a cooperative relationship with Almo Capital Corp. and their interest is undivided.

These claims make up a larger part of contiguous group of claims, which straddle the southern extension of the Coquihalla serpentine belt. A brief geological exploration work program was conducted over the claims primarily for exploration purposes. The work essentially consisted of conducting soil and rock sampling over an area, which represents a section of the serpentine belt. The soil and rock sampling was carried out on November 19 2013, and November 21 2013. The claims are located east of the town of Hope, just east of Coquihalla No.5 Highway, and can easily be accessed from the highway.

### **Item 1.1: LOCATION AND ACCESS**

The claims are located near northeast of the town of Hope, British Columbia. Access is from Hope via the Coquihalla Highway No. 5. At about the 18 Kilometers on the highway, just past the Sowaqua Creek off-ramp, a well-maintained hiking trail is located. The trail, which is occasionally used by day hikers, leads to Serpentine Lake and to the claims. During the soil and rock-sampling program, the author along with the geologist utilized the trail to reach the claims, which is about one hours hike each way to the claims.

### **Item 1.2: HISTORY**

Historically the Coquihalla gold belt has developed, small former lode gold producers and several gold occurrences identified. More recently, the belt has given birth to a major gold discovery, the Carolina Mine. All of these auriferous findings have been spatially related to the Hozameen fault". (D.G. Cardinal 1981).


The Serp#1, Serp#2, Serp#3, Serp#4and Serp#8 mineral claim groups were staked in 1978 by Aquarius Resources Ltd. ( under the name of Jessi I and Jessi II mineral claims) to cover the geologically favorable East Hozameen fault in the southern half of the

Coquihalla gold belt. Research of records and assessment files indicate that in previous years portions of this belt were staked by other companies, but subsequently were allowed to lapse. At present Almo Capital Corp. holds this claim group.


Most, if not all, of the work done on the claims by Cochrane Consultants and Aquarius Resources Ltd. between 1979 and 1981 consisted of a reconnaissance and follow up geological and soil sampling programs.

**Below is a map outlining all NTS map areas that fall within the borders of British Columbia with location of "Nickel - Cobalt - Magnesium - Gold - Property".**



# HOPE PROPERTY Location Map

 HOPE PROPERTY Location


Topographic Layers

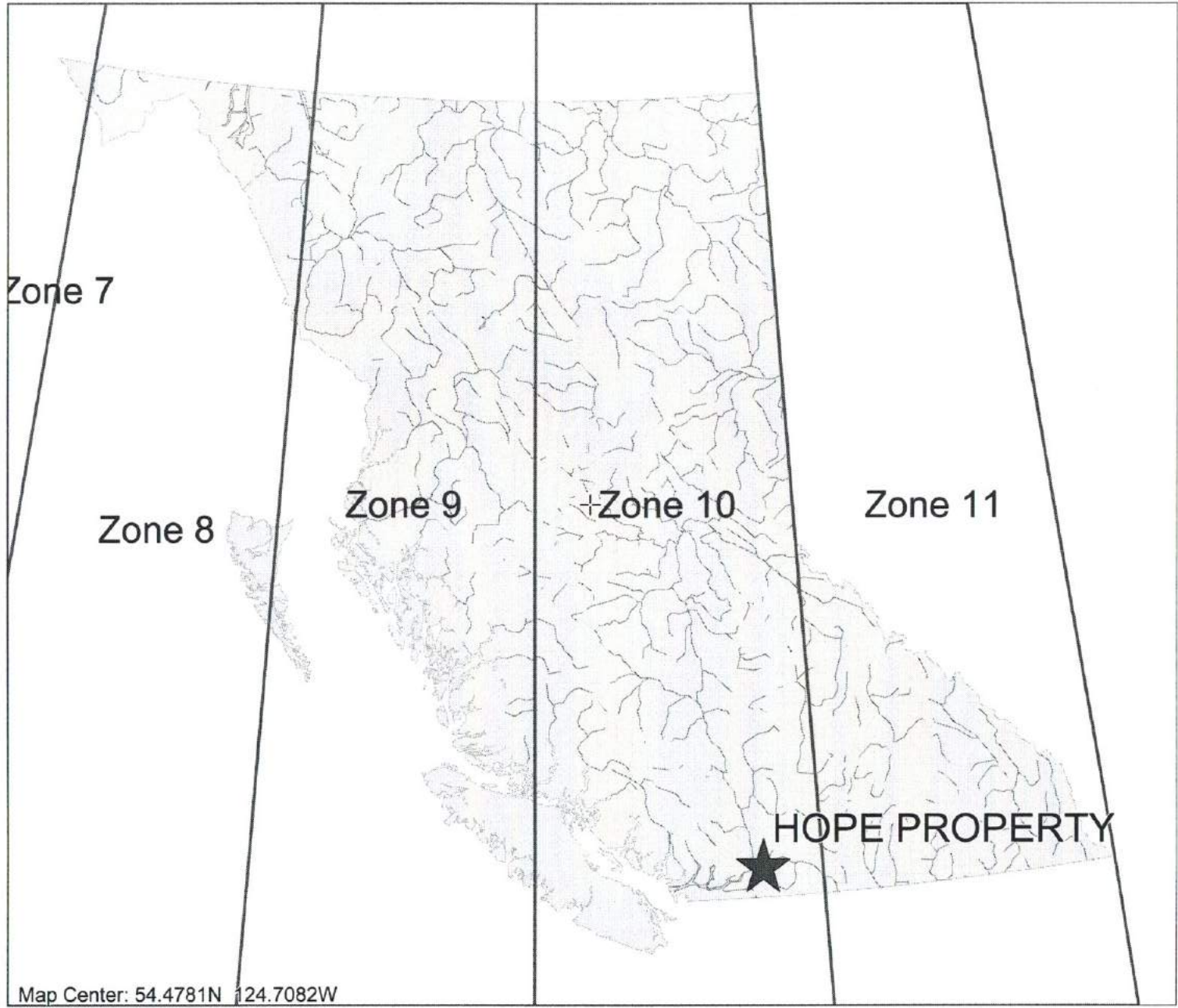
-  Rivers 1:6M

Grid Layers

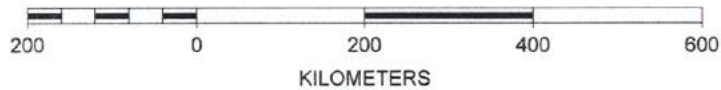
-  UTM Zones with labels
-  UTM zones

BC Border Layers

-  BC Border 1:6M



SCALE 1 : 8,963,964



Page 4



### **Item 1.3: MINERAL CLAIMS**

The Nickel-Cobalt-Magnesium-Gold Property covers five claims of North Group and two claims of South Group (Fig. 2). The North Group consist of Serp#1, Serp#2, Serp#3, Serp#4 and Serp#8 mineral claims, which encompass approximately 4841.91hacteres. The North Group mineral claims are situated around a small lake known as Serpentine Lake.

The claims are situated in the New Westminster Mining Division at Latitude: 49°25' N and Longitude 121°13'W. The Serp#1, Serp#2, Serp#3, Serp#4 and Serp#8 mineral claims are jointly held by Almo Capital Corp. , Silcum Resources Ltd. and Precious metals Corp. of Vancouver, British Colombia.



The following table summarizes the pertinent claim information:

**Table 1: LIST OF MINERAL CLAIMS**



<b>Claim Name</b>	<b>Tenure Number</b>	<b>Units</b>	<b>Expiry Date</b>
Serp# 1	551354	1	November 30, 2014
Serp# 2	551364	1	November 30, 2014
Serp# 3	551367	1	November 30, 2014
Serp# 4	551401	1	November 30, 2014
Serp# 8	554930	1	November 30, 2014

# HOPE PROPERTY Claim Map









**Mineral Titles Layers**

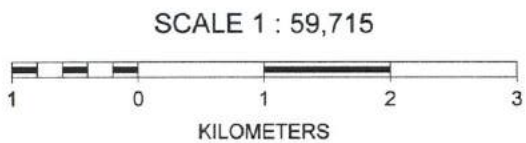
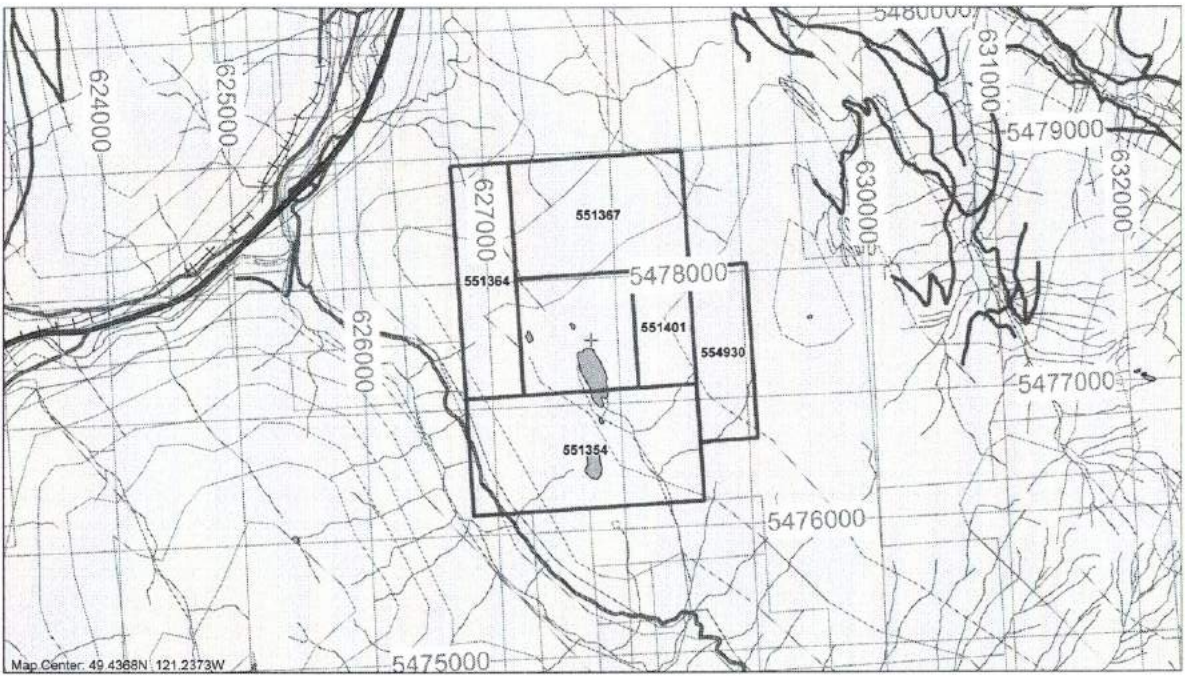
-  HOPE PROPERTY Tenure
-  All Mineral Tenures

**BC Administrative Area Layers**

-  Cities
-  BC Municipalities

**Topographic Layers**

-  Railways 1:20K
-  Roads 1:250K
-  Roads 1:20K
  -  Gravel Road
  -  Paved Road
  -  Rough Road
-  Roads 1:20K undefined
-  Digital Road Atlas (<250K)



## **Item 2: GEOLOGICAL SETTING**

### **Item 2.1: REGIONAL GEOLOGY**

The regional geological setting is identified by a prominent northwest-southeast trending structure known as the Coquihalla Serpentine Belt. The belt, which is represented by a semi-continuous band of serpentine rock, is fault bounded by the East and West Hozameen faults. This geological break can be traced for at least 100 kilometers in southwestern British Columbia and it extends into northern Washington State.

The belt of serpentine separates two distinct crustal units. The East Hozameen fault is in contact with an andesitic volcanic greenstone unit, the Spider Peak Formation of Early Triassic age. The greenstone forms the basement for the unconformable, overlying Jurassic to Cretaceous turbidities and successor basin deposits of the Pasayten Trough. The West Hozameen fault is in contact with the Permian to Jurassic age Hozameen Group, which consists of a dismembered ophiolite succession represented by the ultramafic rocks of the Petch Creek serpentine belt in turn, overlain by a thick unit of greenstone and chert.



The oldest sedimentary rocks in the Pasayten Trough, the Ladner Group, contain a locally developed basal unit (e.g. conglomerate, greywacke, siltstone, and slate) that hosts the Idaho zone gold deposit (former Caroline Mines is in this area) along with a number of other former small gold producers. A series of the gold occurrences and past-producing camps occur along and immediately east of the East Hozameen fault and hosted in the Ladner sediments, which is also known as the 'Coquihalla Gold Belt'.

Some gold mineralization is hosted in greenstone volcanic such as the old Emancipation mine as well as in other rock types including a suite of small sodic-felsic porphyry intrusions at Swaqua Creek forks old ward mine.

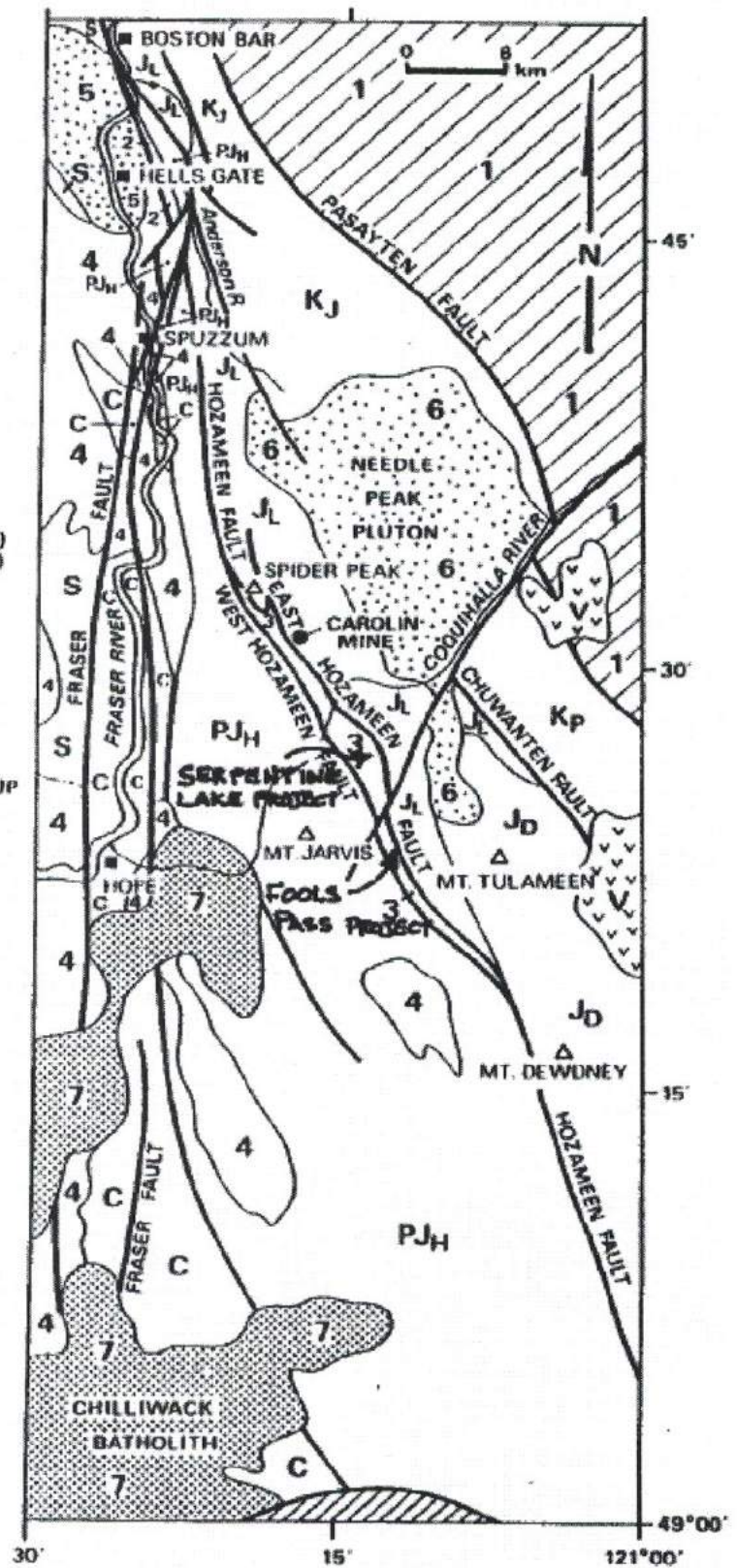
There is potential for additional discoveries of precious metal (gold) mineralization along the Coquihalla gold belt. For example, the reported placer gold near Serpentine Lake may be locally derived possibly from greenstone volcanic that occur in the area, similar to the geological setting as the former Emancipation mine. As well as the reported occurrence of placer platinum in Sowaqua Creek and the reported gold-platinum workings of the old St. Patrick, this raises intriguing possibilities that the Coquihalla serpentine belt could be an exploration target for platinum-group elements.



LEGEND

-  SKAGIT FORMATION (LATE MIOCENE)
-  COQUIHALLA VOLCANIC COMPLEX (EARLY MIOCENE)
-  CHILLIWACK AND MOUNT BARR BATHOLITHS (OLIGOCENE - MIOCENE)
-  NEEDLE PEAK PLUTON (EOCENE)
-  HELLS GATE PLUTON (EOCENE)
-  ASSORTED GRANITIC ROCKS OF VARIOUS AGES, LOCALLY INCLUDES SOME CUSTER - SKAGIT GNEISS
-  PASAYTEN GROUP (LOWER CRETACEOUS)
-  MOSTLY JACKASS MOUNTAIN GROUP (LOWER CRETACEOUS) WITH SOME DEWDNEY CREEK GROUP (UPPER JURASSIC)
-  DEWDNEY CREEK GROUP (UPPER JURASSIC)
-  LADNER GROUP (LOWER - UPPER JURASSIC)
-  COQUIHALLA SERPENTINE BELT
-  CHERTS, GREENSTONES, ARGILLITES } HOZAMEEN GROUP (PERMIAN TO JURASSIC)
-  PETCH CREEK SERPENTINE BELT
-  MOUNT LYTTON - EAGLE PLUTONIC COMPLEX (PERMIAN - JURASSIC)
-  SCHIST, AMPHIBOLITE, PHYLLITE (AGE UNKNOWN)
-  CUSTER - SKAGIT GNEISS

<b>ALMO CAPITAL CORP.</b>	
"Nickel-Cobalt-Magnesium-Gold Property"	
New Westminster Mining Division	92H06(E)
<b>Regional Geology Map</b>	
DRAWN BY: U SHANKAR & AKUMAR	
JANUARY 23, 2009	
<b>FIGURE-3</b>	



## **Item 2.2 PROPERTY GEOLOGY**

There are 3 main rock types that underlie the Serp#1, Serp#2, Serp#3, Serp#4 and Serp#8 claims, which includes chert and cherty argillites of the Hozameen Group, serpentine, greenstone volcanics of the Spider Peak formation and, siltstone, argillite and slate of the Ladner Group formation.

The serpentine is the prominent rock type underlying approximately 2/3 of the claims and forms a continuous belt striking northwest southeast. It is well exposed in a plateau-like area along Serpentine Lake, where it is at least 1.5 kilometers wide. The area forms the summit of the claims at an elevation of at least thousand meters. Glaciations have produced poor drainage with marshes and ponds as well as, ridges of polished-striated bedrock. East of the lake are a series of north south trending elongated ridges, which expose both the serpentine cut by diorite intrusions and greenstone volcanics.

Volcanic outcrops are especially well exposed about two kilometers east of the lake where sections of andesitic pillow lava-flow structures can be observed. Exposed just to the east of and in contact with the volcanic is a northwest striking, steeply dipping siltstone. About 1 kilometer east of the lake, the serpentine, and greenstone volcanics is in fault contact marking the East Hozameen fault. Approximately 250 meters west of the lake, the West Hozameen fault can be observed and which defines the contact between serpentine and cherty argillites of the Hozameen group.

Minor disseminated pyrite and Pyrrhotite mineralization was observed with the volcanics. The serpentine is usually massive with no crystal structure and is commonly associated with disseminated magnetite.

Structurally, all rock units observed in this area strike in northwest direction and are steeply dipping. Foliation is also concordant with northwest southeast trending faults. Several ancillary faults cut the serpentine and greenstone, paralleling the east and west Hozameen fault systems.

### **Item 2.3: MINERALIZATION**

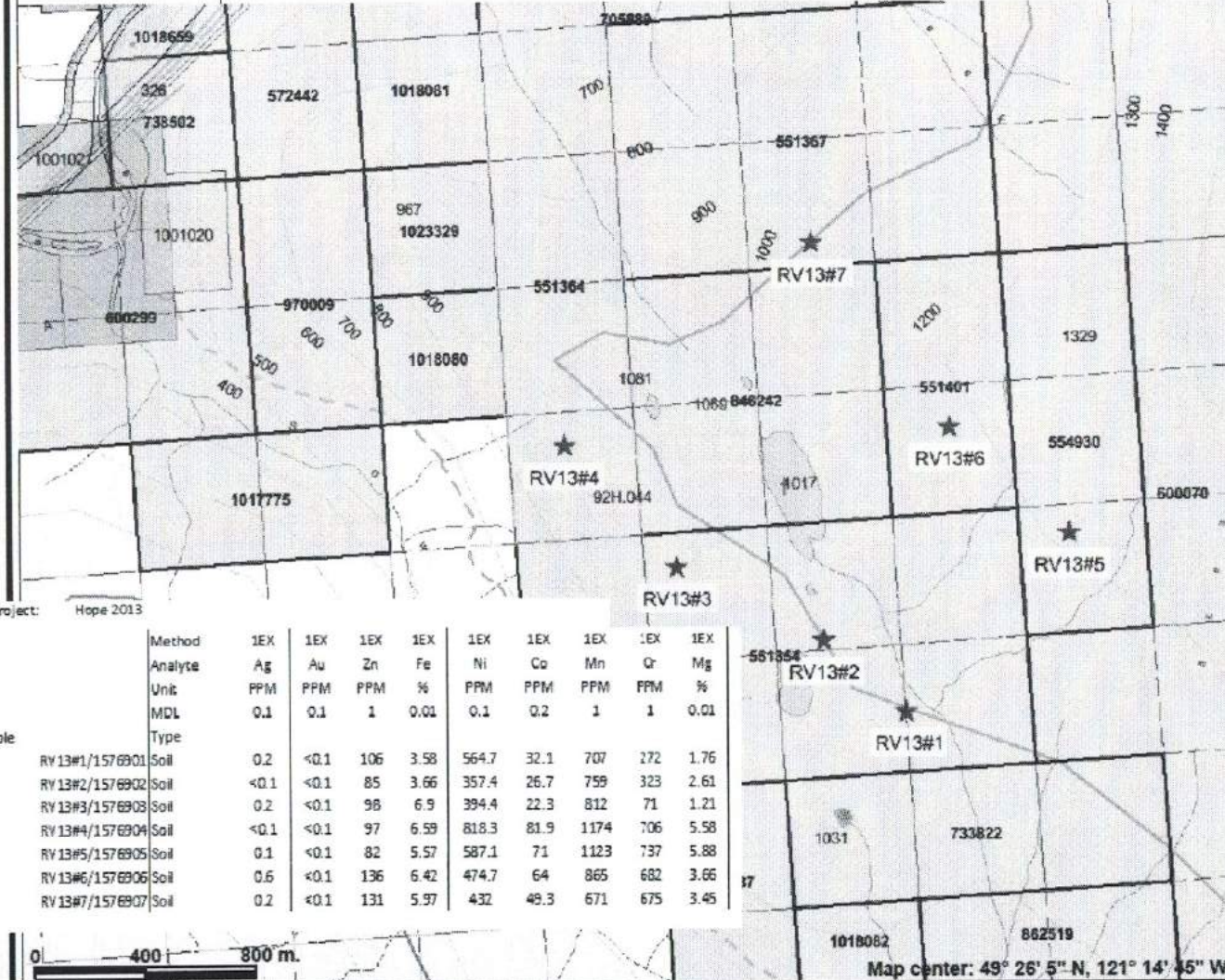
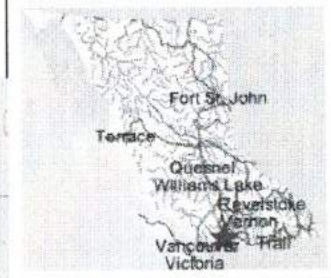
Limited amounts of mineralization were noted in at least three different localities on the North Group claims, associated with three different rock types. Coarse (1-3mm) blebs of magnetite were noted with serpentinites and diorites. An exposed section near the southeast end of Sowaqua Creek logging road shows pyritiferous argillites and lesser pyrrhotite. Alteration products consisting predominately of quartz, calcite, minor sericite, and chlorite chiefly occur with the sulphides. The majority of the Sulphides noted generally develop along volcanic and sedimentary contacts and along localized folds in the slates and argillites.

### **Item 3: FIELD PROCEDURES**

Author and M.Sc. geologist Amit Kumar carried out the soil and rock sampling survey on November 19 2013, and November 21 2013. The Mr. Kumar drove the Coquihalla highway from Vancouver to the base of the trail noted above and hiked up to Serpentine Lake. The climb, which is about 600m, takes approximately 1.5 hours. 1:20,000 topographic maps, obtained from the local forestry services were used for navigation. Hip chain, brunton compass, and GPS were used in the sampling surveys.

Two traverse days were spent on the east and northeast section of the Serpentine Lake area out of which, one day was spent on the western side. Much of the area was surveyed; Soil samples were collected randomly along the trail from the upper "B" (rusty) soil horizon where possible (on geological considerations). Some rock samples were also collected from the creek running through the property. Hand tools were used; the samples were placed in standard craft paper bags, and marked with UTM coordinates. The samples were strung up in camp and air-dried. At the close of the project, the samples were boxed and shipped to Acme Labs Ltd., of Vancouver, B.C., where analysis for Gold, Nickel, Cobalt, Magnesium, Chromium and Zinc was carried out.

# HOPE SOIL SAMPLE LOCATION MAP 2013

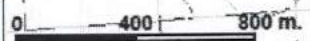


### Legend

- 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)

Project: Hope 2013

Sample	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Ag	Au	Zn	Fe	Ni	Co	Mn	Cr	Mg
	Unit	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	%
	MDL	0.1	0.1	1	0.01	0.1	0.2	1	1	0.01
	Type									
RV 13#1/1576901	Soil	0.2	<0.1	106	3.58	564.7	32.1	707	172	1.76
RV 13#2/1576902	Soil	<0.1	<0.1	85	3.66	357.4	26.7	759	323	2.61
RV 13#3/1576903	Soil	0.2	<0.1	98	6.9	394.4	22.3	812	71	1.21
RV 13#4/1576904	Soil	<0.1	<0.1	97	6.59	818.3	81.9	1174	706	5.58
RV 13#5/1576905	Soil	0.1	<0.1	82	5.57	587.1	71	1123	737	5.88
RV 13#6/1576906	Soil	0.6	<0.1	136	6.42	474.7	64	865	682	3.66
RV 13#7/1576907	Soil	0.2	<0.1	131	5.97	432	49.3	671	675	3.45

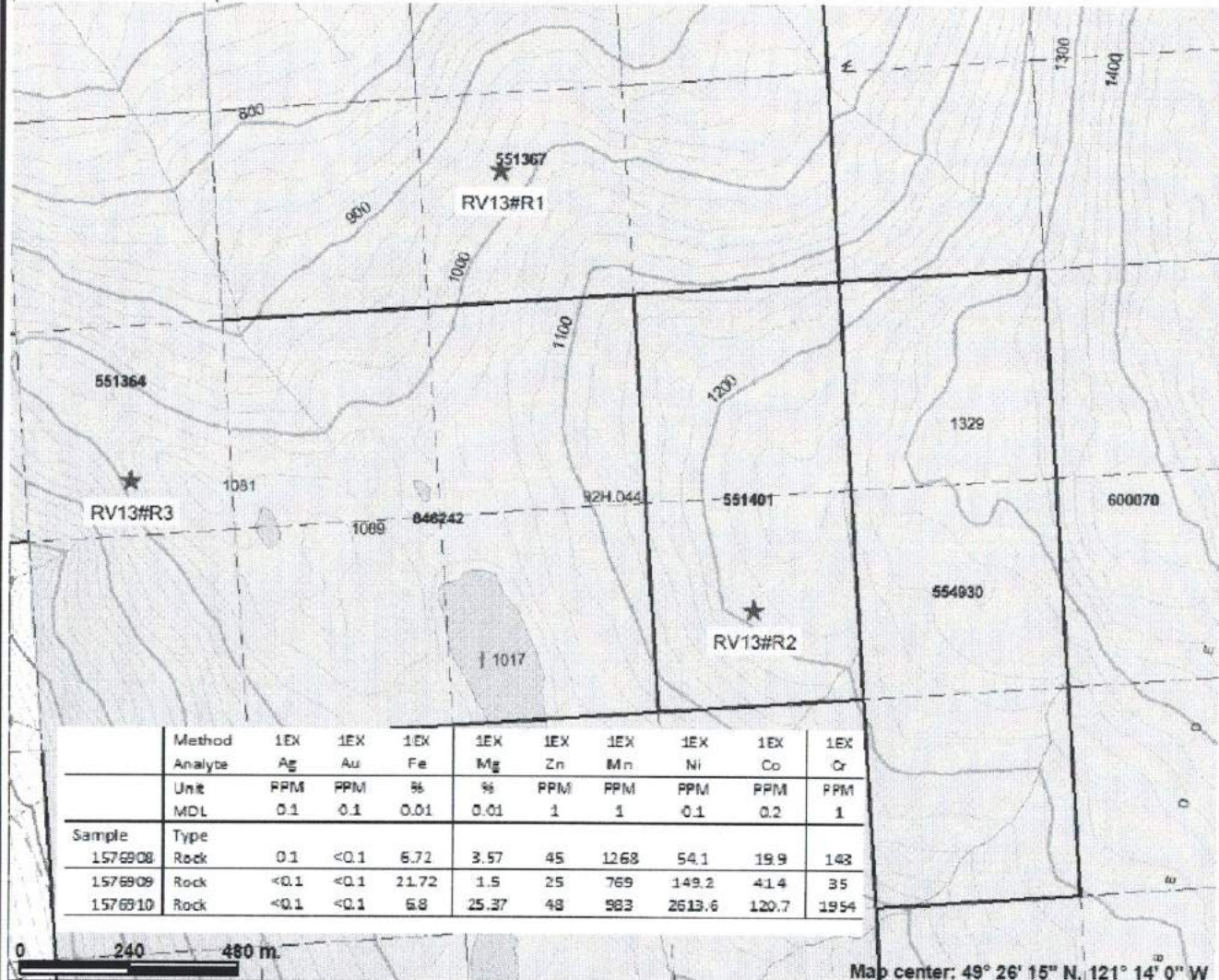


Map center: 49° 26' 5" N, 121° 14' 45" W

Scale: 1:21,882

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.

# HOPE ROCK SABLE 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: 1:13,336

Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte	Ag	Au	Fe	Mg	Zn	Mn	Ni	Co	Cr	
Unit	PPM	PPM	%	%	PPM	PPM	PPM	PPM	PPM	PPM
MDL	0.1	0.1	0.01	0.01	1	1	0.1	0.2	1	
Sample	Type									
1576908	Rock	0.1	<0.1	6.72	3.57	45	1268	54.1	19.9	143
1576909	Rock	<0.1	<0.1	21.72	1.5	25	769	149.2	41.4	35
1576910	Rock	<0.1	<0.1	6.8	25.37	48	983	2613.6	120.7	1954



Map center: 49° 26' 15" N, 121° 14' 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.

## **Item 4: SAMPLING AND GEO-CHEMICAL ANALYSIS**

### **PREPARATION SOIL, TILL AND SEDIMENT**

---

Soils, tills and sediments typically undergo two stages of preparation consisting of drying and screening. At AcmeLabs we dry these materials at 60°C to minimize loss of volatile elements (eg. Mercury). However, for some analyses drying at < 40°C may be required for specific weak leaches. Unless requested otherwise by the client; soils, tills and sediments are screened to -180 microns (-80 mesh ASTM). Clients can request coarser or finer (down to -63 microns) screening depending on the requirements of their program. AcmeLabs also offers clay separation so that the finest and most reactive portion of the media can be tested.

Samples are handled, dried and screened in a area dedicated for these media to avoid contamination from more mineralized rock and core samples.

### **ROCK AND DRILL CORE**

---

Care and attention begin prior to any sample collection. Rock and core samples are dried then prepared by particle size reduction to produce a homogeneous sub-sample which is representative of the original sample. For most analytical methods, this sub-sample will undergo some form of dissolution and decomposition. Each sample decomposition procedure has its own advantages and limitations. The final technique used for the determination of elements is dependant on the required detection levels of the elements of interest.

AcmeLabs welcomes and encourages discussion with the geoscientist to determine the most appropriate analytical scheme of preparation, digestion and analysis to match the needs of their program. To this end, AcmeLabs have developed mineral deposit specific analytical packages for consideration.

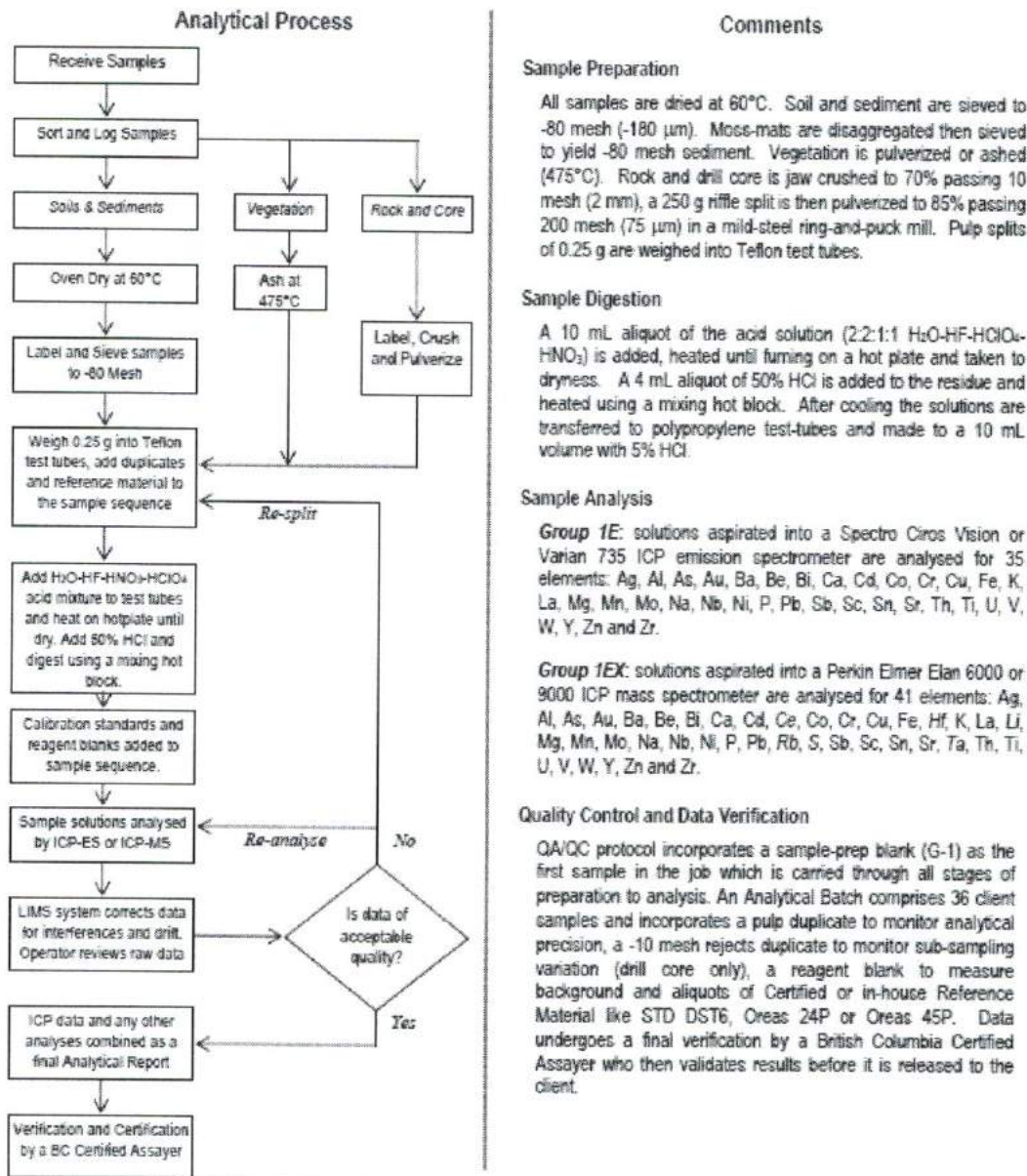
### **ANALYSIS**

AcmeLabs offers the widest array of multi-element packages to suit the needs and budgets of the Explorationist. Analysis consists typically of two stages comprising extraction of the desired elements into a solution and element determination by instrumental analysis of the solution.

Extraction can be partial to measure only the interesting portions (eg. sulphides) of the elements or the extraction can be total to measure the total abundance of the elements from all minerals in the sample.

AcmeLabs offers two principle means of determination; ICP-ES and ICP-MS. ICP-ES measures the light-waves and light intensities to determine what elements are present in the solution and the quantities of each. ICP-MS measures the element concentrations by counting the atoms for each element present in the solution. Generally, ICP-MS can determine concentrations that are 1 to 2 orders of magnitude lower compared to ICP-ES. Typically the ICP-MS or ICP-MS+ICP-ES packages are selected for soil, till and sediment surveys to provide the broadest array of elements coupled with lowest detection limits to ensure maximum exploration power.

**METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE  
 GROUP 1E & 1EX – ICP & ICP-MS ANALYSIS – 4-ACID DIGESTION**



1020 Cordova St East, Vancouver BC V6A 4A3  
 Phone (604) 253 3158 Fax (604) 253 1716 e-mail: [acmeinfo@acmelab.com](mailto:acmeinfo@acmelab.com)

Group 1E\_1EX version 1.77 Revision Date: December 18, 2008



## GROUP 1E AND 1EX - ICP ANALYSIS – 4-ACID DIGESTION

	Group 1E Detection	Group 1EX Detection	Upper Limit
Ag	0.5 ppm	0.1 ppm	200 ppm
Al <sup>*</sup>	0.01 %	0.01 %	20 %
As <sup>*</sup>	5 ppm	1 ppm	10000 ppm
Au <sup>*</sup>	4 ppm	0.1 ppm	200 ppm
Ba <sup>*</sup>	1 ppm	1 ppm	10000 ppm
Be <sup>*</sup>	1 ppm	1 ppm	1000 ppm
Bi	5 ppm	0.1 ppm	4000 ppm
Ca	0.01 %	0.01 %	40 %
Cd	0.4 ppm	0.1 ppm	4000 ppm
Ce	-	1 ppm	2000 ppm
Co	2 ppm	0.2 ppm	4000 ppm
Cr <sup>*</sup>	2 ppm	1 ppm	10000 ppm
Cu	2 ppm	0.1 ppm	10000 ppm
Fe <sup>*</sup>	0.01 %	0.01 %	60 %
Hf <sup>*</sup>	-	0.1 ppm	1000 ppm
K	0.01 %	0.01 %	10 %
La	2 ppm	0.1 ppm	2000 ppm
Li	-	0.1 ppm	2000 ppm
Mg <sup>*</sup>	0.01 %	0.01 %	30 %
Mn <sup>*</sup>	5 ppm	1 ppm	10000 ppm
Mo	2 ppm	0.1 ppm	4000 ppm
Na	0.01 %	0.001 %	10 %
Nb	2 ppm	0.1 ppm	2000 ppm
Ni	2 ppm	0.1 ppm	10000 ppm
P	0.002 %	0.001 %	5 %
Pb	5 ppm	0.1 ppm	10000 ppm
Rb	-	0.1 ppm	2000 ppm
S	-	0.1 %	10 %
Sb <sup>*</sup>	5 ppm	0.1 ppm	4000 ppm
Sc	1 ppm	1 ppm	200 ppm
Sn <sup>*</sup>	2 ppm	0.1 ppm	2000 ppm
Sr	2 ppm	1 ppm	10000 ppm
Ta <sup>*</sup>	-	0.1 ppm	2000 ppm
Th	2 ppm	0.1 ppm	4000 ppm
Ti	0.01 %	0.001 %	10 %
U	20 ppm	0.1 ppm	4000 ppm
V	2 ppm	1 ppm	10000 ppm
W <sup>*</sup>	4 ppm	0.1 ppm	200 ppm
Y	2 ppm	0.1 ppm	2000 ppm
Zn	2 ppm	1 ppm	10000 ppm
Zr <sup>*</sup>	2 ppm	0.1 ppm	2000 ppm

\*The digestion is only for some Cr and Ba minerals and some oxides of Al, Hf, Mn, Sn, Ta, Zr.

\*\*Volatilization during fuming may result in some loss of As, Sb, and Au.

1020 Cordova St East, Vancouver BC V6A 4A3  
 Phone (604) 253 3158 Fax (604) 253 1716 e-mail: acmeinfo@acmelab.com

Group 1E\_1EX version1.77 Revision Date: December 18, 2008

Details of samples collected on November 19 2013, and November 21 2013.  
Soil and Rock samples collected by: M.Sc. Geologist Amit Kumar

**TABLE 2: DETAILS OF SOIL SAMPLES**

SAMPL E CODE	SAMPL E ID	UTM LOCATION	COLOUR	VISIBLE PROPERTIES
RV13#1	1576901	0628169E 5476411N	Light grey	Sample collected from horizon B, consists of appx.70% clay, sub-angular to sub rounded clasts. Humus content is high
RV13#2	1576902	0627875E 5476684N	Grey	Silty clay contains organic rich residue angular to sub angular clasts are present root hairs also present moderately humic and medium grained. Fine to medium grained clasts present.
RV13#3	1576903	0627362E 5476973N	Dark grey	Silty clay contains organic rich residue angular to sub angular clasts are present root hairs also present moderately humic and medium grained. Fine to medium grained clasts present
RV13#4	1576905	0626978E 5477428N	Brownish grey	Sample collected from horizon B, consists of appx.70% fine-grained clasts, sub-angular to angular clasts. Humus content is high
RV13#5	1576906	0628786E 5477028N	Grayish brown	Collected from 'B' Horizon, Clay contains organic rich residue, Sub-angular to angular clasts present. Root hairs are also present.
RV13#6	1576907	0628369E 5477431N	Brown	Silty clay contains organic rich residue angular to sub angular clasts are present root hairs also present moderately humic and medium grained
RV13#7	1576778	0627901E 5478126N	Brownish grey	Clay silt contains organic rich residue, angular to sub angular, root hairs present, moderately humus and medium grained.

**TABLE 3: DETAILS OF ROCK SAMPLES**

<b>SAMPL E CODE</b>	<b>SAMPL E ID</b>	<b>UTM LOCATION</b>	<b>COLOUR</b>	<b>VISIBLE PROPERTIES</b>
RV13#R1	1576908	0627851E 5478320N	Grey	Fine grained compact intrusive rock with minute quartz veins.
RV13#R2	1576909	0628385 E 5477327N	Grey	Fine grained compact intrusive rock with minute quartz veins.
RV13#R3	1576910	0627015E 5477672N	Dark greenish	Serpentine rock, fine grained, compact.

7 Soil samples were collected randomly along the trail from the upper "B" (rusty) soil horizon where possible (on geological considerations). 3 rock samples were also collected from the creek running through the property.

Soil and Rock sample locations are results shown in the figure 5 and 6 respectively.

## **Item 5: CONCLUSION**

The geological soil and rock sampling was done on the property to keep the property in good standing three of the samples are analyzed and assay certificate is incorporated in the report.

ACME ANALYTICAL LABORATORIES LTD.		Final Report								
Client:	Almo Capital Corp.									
File Created:	18-Jan-14									
Job Number:	VAN14000035									
Number of Samples:	7									
Project:	Hope 2013									
	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Ag	Au	Zn	Fe	Ni	Co	Mn	Cr	Mg
	Unit	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	%
	MDL	0.1	0.1	1	0.01	0.1	0.2	1	1	0.01
Sample	Type									
RV13#1/1576901	Soil	0.2	<0.1	106	3.58	564.7	32.1	707	272	1.76
RV13#2/1576902	Soil	<0.1	<0.1	85	3.66	357.4	26.7	759	323	2.61
RV13#3/1576903	Soil	0.2	<0.1	98	6.9	394.4	22.3	812	71	1.21
RV13#4/1576904	Soil	<0.1	<0.1	97	6.59	818.3	81.9	1174	706	5.58
RV13#5/1576905	Soil	0.1	<0.1	82	5.57	587.1	71	1123	737	5.88
RV13#6/1576906	Soil	0.6	<0.1	136	6.42	474.7	64	865	682	3.66
RV13#7/1576907	Soil	0.2	<0.1	131	5.97	432	49.3	671	675	3.45
Pulp Duplicates										
RV13#7/1576907	Soil	0.2	<0.1	131	5.97	432	49.3	671	675	3.45
RV13#7/1576907	REP	0.3	<0.1	130	5.98	414.9	49.7	685	706	3.44

In the year 2013 a total of 7 soil samples and 4 rock samples were geochemically analyzed on this property (as reported under event number 5478732) for Gold, Copper, Nickel, Cobalt, Magnesium, Chromium, Manganese, and Zinc etc.

ACME ANALYTICAL LABORATORIES LTD. Final Report  
 Client: Almo Capital Corp.  
 File Created: 16-Jan-14  
 Job Number: VAN14000036  
 Number of Samples: 3  
 Project: Hope 2013  
 Shipment ID:  
 P.O. Number:  
 Received: 03-Jan-14

	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Ag	Au	Fe	Mg	Zn	Mn	Ni	Co	Cr
	Unit	PPM	PPM	%	%	PPM	PPM	PPM	PPM	PPM
	MDL	0.1	0.1	0.01	0.01	1	1	0.1	0.2	1
Sample	Type									
1576908	Rock	0.1	<0.1	6.72	3.57	45	1268	54.1	19.9	143
1576909	Rock	<0.1	<0.1	21.72	1.5	25	769	149.2	41.4	35
1576910	Rock	<0.1	<0.1	6.8	25.37	48	983	2613.6	120.7	1954
Pulp Duplicates										
1576910	Rock	<0.1	<0.1	6.8	25.37	48	983	2613.6	120.7	1954
1576910	REP	<0.1	<0.1	6.62	24.73	46	983	2515.2	116.8	2000

The Geochemical results of the Nickel-Cobalt- Magnesium-Gold Property assayed in 2013 are listed above. This work was conducted to keep properties in good standing. No conclusive interpretation can be made at this time more detailed mapping and Geological work is recommended.

## **Item 6: COST STATEMENT OF EXPLORATION**

Costs of Exploration on the north group claims of Nickel-Cobalt-Magnesium-Gold Property.

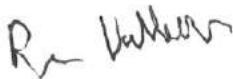
Geologist fee (For field work done on November 19 2013, And November 21 2013	\$ 1400.00
Geologist fee for report Preparation	\$ 400.00
Transport, vehicle rentals and Gas expenses	\$ 200.78
Expenditure on food (2 days @\$50/day)	\$ 100.00
Deakin equipment (filled pens, markers, Plastic Bags, Paper Bags etc)	\$ 84.00
Assaying (TO BE CONDUCTED)	<u>\$ 231.14</u>
Total	<b><u>\$ 2415.92</u></b>

## **Item 7: STATEMENT OF AUTHORS QUALIFICATIONS**

I, Ram Vallabh, of 603 East 30<sup>th</sup> Avenue, Vancouver, British Columbia, Canada V5V 2V7, hereby certify that:

1. I am a graduate and post graduate from, University of Lucknow, India, B.Sc. in 1952, L.L.B. in 1955, and M.Sc. in 1957, both B.Sc. and M.Sc. Degrees are in Geology.
2. I am the registered owner of mineral claims held under Almo Capital Corp.
3. I had practiced geology for more than forty years in Canada.
4. This report is based upon assessment, government, and private reports listed in the references, and personal field examination.
5. I am a qualified person. I have conducted this field work along With Mr. A. Kumar.
6. The assessment report has been prepared in conformity of Canadian mining industry practice.

Dated at Vancouver, February 20, 2014



Ram Vallabh  
603 East 30<sup>th</sup> Avenue,  
Vancouver, B.C.,  
Canada V5V 2V7

## **Item 8: REFERENCES**

Cardinal, D. G. (1999). Geological Reconnaissance Report on Plat1-4 mineral claims Coquihalla gold belt, Sowaqua creek area, Hillsbar Gold Inc., Sechelt, B.C., Assessment Report 26,066

Cardinal, D. G. (2000). Geological Reconnaissance Survey on Plat Claim Group (Plat5 and 6), Hillsbar Gold Inc., Sechelt, B.C., Assessment Report 26,322

Cardinal, D. G. (1981). Geological Reconnaissance Assessment Report on Portion of Jessi I and Jessi II, Aquarius Resources Ltd., Vancouver, B.C., Assessment Report 9,766

Cochrane, D.R. (1980). Geochemical Assessment Report on Portion of the Jessi: Dwedney Group, Broken Hill Group and Serpentine Group, Aquarius Resources Ltd., Vancouver, B.C., Assessment Report 8,533

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Howe, D.(1984). Assessment Report on a Soil Geochemical Sampling Survey and Orthophoto Survey on Jessi I and Jessi II Mineral Claim Groups, Columbian North Land Exploration Ltd. And Aquarius Resources Ltd., Vancouver, B.C., Assessment Report 13,086

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Ray, G.E. (1990). The Geology and Mineralization of the Coquihalla Gold Belt and Hozameen Fault System, South Western British Columbia: B.C. Ministry Of Energy, Mines, and Petroleum Resources, Bulletin 79.

Von Hahn, H.E.A. (1992). A Process for the Recovery Of Nickel, Cobalt, Magnesia, Silica, Report to Border Resources Ltd., Vancouver B.C., Assessment Report 22,521





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PHONE (604) 253-3158

Client: **Almo Capital Corp.**  
603 E. 30th Ave  
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Submitted By: Ram Vallabh  
Receiving Lab: Canada-Vancouver  
Received: January 03, 2014  
Report Date: January 18, 2014  
Page: 1 of 2

# CERTIFICATE OF ANALYSIS

VAN14000035.1

## CLIENT JOB INFORMATION

Project: Hope 2013  
Shipment ID:  
P.O. Number  
Number of Samples: 7

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	7	Dry at 60C			VAN
SS80	7	Dry at 60C sieve 100g to -80 mesh			VAN
RJSV	7	Saving all or part of Soil Reject			VAN
1EX	7	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

## SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps  
PICKUP-RJT Client to Pickup Rejects

## ADDITIONAL COMMENTS

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

Invoice To: **Almo Capital Corp.**  
603 E. 30th Ave  
Vancouver BC V5V 2V7  
CANADA

CC:



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



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Project: Hope 2013  
Report Date: January 18, 2014

Page: 2 of 2

Part: 1 of 3

# CERTIFICATE OF ANALYSIS

VAN14000035.1

Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001	
1576901	Soil	2.9	50.6	13.3	106	0.2	564.7	32.1	707	3.58	17	1.5	<0.1	4.5	253	0.3	1.1	0.4	114	1.24	0.044
1576902	Soil	2.2	26.3	9.0	85	<0.1	357.4	26.7	759	3.66	17	0.8	<0.1	2.1	238	0.5	1.7	0.2	113	1.27	0.039
1576903	Soil	15.8	92.3	10.5	98	0.2	394.4	22.3	812	6.90	30	1.0	<0.1	1.6	244	0.2	1.2	1.2	212	2.03	0.094
1576904	Soil	1.4	34.4	11.1	97	<0.1	818.3	81.9	1174	6.59	36	1.1	<0.1	2.3	155	0.3	2.1	0.4	129	1.03	0.077
1576905	Soil	1.0	26.2	10.0	82	0.1	587.1	71.0	1123	5.57	29	0.9	<0.1	2.3	198	0.3	1.6	0.3	128	1.18	0.064
1576906	Soil	13.0	99.5	13.8	136	0.6	474.7	64.0	865	6.42	34	1.9	<0.1	4.3	142	0.7	1.9	0.8	139	1.22	0.071
1576907	Soil	5.1	50.6	12.2	131	0.2	432.0	49.3	671	5.97	27	6.6	<0.1	3.2	155	0.3	1.3	0.5	124	1.18	0.060



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Client: **Almo Capital Corp.**  
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 Vancouver BC V5V 2V7 CANADA

Project: Hope 2013  
 Report Date: January 18, 2014

Page: 2 of 2 Part: 2 of 3

**CERTIFICATE OF ANALYSIS** **VAN14000035.1**

Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	
MDL	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	0.1	
1576901	Soil	18.5	272	1.76	466	0.462	6.60	1.798	0.97	2.0	50.0	38	1.6	11.6	6.1	0.4	1	12	33.2	<0.1	45.3
1576902	Soil	9.2	323	2.61	408	0.405	5.93	1.938	0.82	1.4	32.2	21	0.9	9.5	4.5	0.3	<1	12	22.8	<0.1	16.7
1576903	Soil	7.7	71	1.21	687	0.263	7.27	2.256	0.94	2.0	5.4	23	0.7	19.6	1.2	<0.1	<1	19	19.4	<0.1	21.3
1576904	Soil	10.2	706	5.58	303	0.397	5.84	1.323	0.54	1.9	33.5	26	0.9	11.6	3.2	0.2	1	13	20.9	<0.1	22.8
1576905	Soil	10.5	737	5.88	329	0.395	5.56	1.509	0.63	2.1	39.5	25	1.0	10.9	3.9	0.3	<1	11	18.8	<0.1	22.0
1576906	Soil	12.7	682	3.66	344	0.364	6.65	1.336	0.65	7.1	25.4	26	1.2	10.8	3.1	0.2	1	13	26.3	<0.1	17.8
1576907	Soil	9.5	675	3.45	349	0.375	7.00	1.307	0.63	5.7	26.8	21	1.0	8.7	3.9	0.3	<1	12	27.8	<0.1	8.1

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Hope 2013  
 Report Date: January 18, 2014

Page: 2 of 2

Part: 3 of 3

## CERTIFICATE OF ANALYSIS

VAN14000035.1

Method	Analyte	1EX	1EX	1EX	1EX	1EX	1EX
		Hf	In	Re	Se	Te	Tl
Unit		ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.05	0.005	1	0.5	0.5
1576901	Soil	1.3	0.08	<0.005	<1	<0.5	<0.5
1576902	Soil	1.0	<0.05	<0.005	<1	<0.5	<0.5
1576903	Soil	0.2	0.08	0.006	1	<0.5	<0.5
1576904	Soil	1.3	<0.05	<0.005	<1	<0.5	<0.5
1576905	Soil	1.2	0.06	<0.005	<1	<0.5	<0.5
1576906	Soil	0.8	0.09	<0.005	<1	<0.5	<0.5
1576907	Soil	0.9	0.10	<0.005	<1	<0.5	<0.5



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Project: Hope 2013  
 Report Date: January 18, 2014

Page: 1 of 1

Part: 1 of 3

## QUALITY CONTROL REPORT

VAN14000035.1

Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.001	
Pulp Duplicates																					
1576907	Soil	5.1	50.6	12.2	131	0.2	432.0	49.3	671	5.97	27	6.6	<0.1	3.2	155	0.3	1.3	0.5	124	1.18	0.060
REP 1576907	QC	5.1	49.9	11.3	130	0.3	414.9	49.7	685	5.98	27	2.2	<0.1	2.7	151	0.3	1.5	0.5	124	1.18	0.060
Reference Materials																					
STD OREAS24P	Standard	1.2	45.8	2.8	109	<0.1	137.2	43.8	1059	6.96	2	0.6	<0.1	2.7	377	<0.1	<0.1	<0.1	153	5.53	0.123
STD OREAS45E	Standard	1.8	705.6	18.0	41	0.2	412.0	53.5	521	21.91	14	2.2	<0.1	12.2	11	<0.1	1.1	0.2	281	0.06	0.030
STD OREAS24P Expected		1.5	52	2.9	118.9	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
STD OREAS45E Expected		2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	0.05	12.9	15.9	0.06	1	0.28	322	0.065	0.034
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.01	<0.001	



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Project: Hope 2013  
 Report Date: January 18, 2014

Page: 1 of 1

Part: 2 of 3

## QUALITY CONTROL REPORT

VAN14000035.1

Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	
Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	
MDL	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	1	1	1	0.1	0.1	0.1	
Pulp Duplicates																					
1576907	Soil	9.5	675	3.45	349	0.375	7.00	1.307	0.63	5.7	26.8	21	1.0	8.7	3.9	0.3	<1	12	27.8	<0.1	8.1
REP 1576907	QC	6.4	706	3.44	336	0.365	6.90	1.319	0.65	5.0	25.4	15	0.9	7.8	3.6	0.2	1	12	28.4	<0.1	8.3
Reference Materials																					
STD OREAS24P	Standard	17.6	197	3.76	262	1.053	7.26	2.037	0.62	0.5	129.1	36	1.5	20.1	18.3	1.0	1	17	7.3	<0.1	21.1
STD OREAS45E	Standard	9.7	890	0.14	235	0.505	5.97	0.050	0.28	1.0	86.0	22	1.0	6.6	5.2	0.5	<1	77	5.4	<0.1	19.8
STD OREAS24P Expected		17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7		22.4
STD OREAS45E Expected		11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	23.5	1.32	8.28	6.8	0.54		93	6.58	0.046	21.2
BLK	Blank	<0.1	4	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	



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**Client:** Almo Capital Corp.  
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**Project:** Hope 2013  
**Report Date:** January 18, 2014

**Page:** 1 of 1

**Part:** 3 of 3

## QUALITY CONTROL REPORT

VAN14000035.1

Method		1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Hf	In	Re	Se	Te	Tl
Unit		ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.05	0.005	1	0.5	0.5
Pulp Duplicates							
1576907	Soil	0.9	0.10	<0.005	<1	<0.5	<0.5
REP 1576907	QC	0.8	<0.05	<0.005	<1	<0.5	<0.5
Reference Materials							
STD OREAS24P	Standard	3.4	0.08	<0.005	<1	<0.5	<0.5
STD OREAS45E	Standard	2.8	0.17	<0.005	2	<0.5	<0.5
STD OREAS24P Expected		3.6					
STD OREAS45E Expected		3.11	0.099		2.97	0.1	0.09
BLK	Blank	<0.1	<0.05	<0.005	<1	<0.5	<0.5



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Client: **Almo Capital Corp.**  
603 E. 30th Ave  
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Submitted By: Ram Vallabh  
Receiving Lab: Canada-Vancouver  
Received: January 03, 2014  
Report Date: January 16, 2014  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

VAN14000036.1

### CLIENT JOB INFORMATION

Project: Hope 2013  
Shipment ID:  
P.O. Number  
Number of Samples: 3

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	3	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1EX	3	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

### SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps  
PICKUP-RJT Client to Pickup Rejects

### ADDITIONAL COMMENTS

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

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Vancouver BC V5V 2V7  
CANADA

CC:



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PHONE (604) 253-3158

Client: **Almo Capital Corp.**  
603 E. 30th Ave  
Vancouver BC V5V 2V7 CANADA

Project: Hope 2013  
Report Date: January 16, 2014

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Part: 1 of 3

## CERTIFICATE OF ANALYSIS

VAN14000036.1

Method	WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	
1576908	Rock	1.48	<0.1	9.3	5.1	45	0.1	54.1	19.9	1268	6.72	<1	<0.1	<0.1	0.2	75	<0.1	0.4	<0.1	280	5.15
1576909	Rock	1.03	0.8	20.8	5.7	25	<0.1	149.2	41.4	769	21.72	4	<0.1	<0.1	0.1	102	0.1	0.4	0.5	222	1.75
1576910	Rock	0.87	<0.1	19.1	2.0	48	<0.1	2613.6	120.7	983	6.80	<1	<0.1	<0.1	<0.1	<1	<0.1	0.4	<0.1	61	0.04



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VAN14000036.1

Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1	
1576908	Rock	0.068	5.0	143	3.57	12	0.842	8.04	3.352	0.09	0.1	15.7	16	1.4	39.2	2.0	0.1	<1	36	4.0	0.1
1576909	Rock	0.079	7.5	35	1.50	16	0.697	5.72	3.067	0.07	0.3	3.7	23	1.6	38.9	1.5	0.1	<1	18	5.6	>10
1576910	Rock	<0.001	<0.1	1954	25.37	2	0.009	0.71	0.042	<0.01	<0.1	<0.1	<1	<0.1	0.5	<0.1	<0.1	<1	13	2.4	<0.1



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## CERTIFICATE OF ANALYSIS

VAN14000036.1

Method		1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Rb	Hf	In	Re	Se	Te	Tl
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.05	0.005	1	0.5	0.5
1576908	Rock	0.7	0.9	<0.05	<0.005	<1	<0.5	<0.5
1576909	Rock	1.1	0.3	<0.05	0.015	5	<0.5	<0.5
1576910	Rock	0.2	<0.1	<0.05	<0.005	1	2.9	<0.5

## QUALITY CONTROL REPORT

VAN14000036.1

Method	WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	
Pulp Duplicates																					
1576910	Rock	0.87	<0.1	19.1	2.0	48	<0.1	2613.6	120.7	983	6.80	<1	<0.1	<0.1	<0.1	<1	<0.1	0.4	<0.1	61	0.04
REP 1576910	QC		<0.1	18.0	1.8	46	<0.1	2515.2	116.8	983	6.62	1	<0.1	<0.1	<0.1	2	0.1	0.3	<0.1	61	0.04
Reference Materials																					
STD OREAS24P	Standard		1.5	51.0	3.3	110	<0.1	148.4	47.1	1063	7.36	<1	0.7	<0.1	3.0	399	0.2	0.1	<0.1	168	5.94
STD OREAS45E	Standard		2.4	798.6	19.9	45	0.3	482.7	63.8	625	25.98	14	2.6	<0.1	14.5	18	<0.1	1.0	0.5	325	0.07
STD OREAS24P Expected			1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45E Expected			2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	0.05	12.9	15.9	0.06	1	0.28	322	0.065
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	0.5	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	
Prep Wash																					
G1	Prep Blank		0.1	3.3	25.3	50	<0.1	2.9	4.7	787	2.32	<1	3.3	<0.1	9.6	701	<0.1	<0.1	0.1	50	2.43

## QUALITY CONTROL REPORT

VAN14000036.1

Method	Analyte	Unit	MDL	1EX P	1EX La	1EX Cr	1EX Mg	1EX Ba	1EX Ti	1EX Al	1EX Na	1EX K	1EX W	1EX Zr	1EX Ce	1EX Sn	1EX Y	1EX Nb	1EX Ta	1EX Be	1EX Sc	1EX Li	1EX S
				%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Pulp Duplicates																							
1576910	Rock			<0.001	<0.1	1954	25.37	2	0.009	0.71	0.042	<0.01	<0.1	<0.1	<1	<0.1	0.5	<0.1	<0.1	<1	13	2.4	<0.1
REP 1576910	QC			<0.001	<0.1	2000	24.73	2	0.010	0.70	0.040	<0.01	<0.1	<0.1	<1	0.1	0.4	<0.1	<0.1	<1	13	1.9	<0.1
Reference Materials																							
STD OREAS24P	Standard			0.132	19.4	224	4.09	273	1.069	7.65	2.529	0.65	0.4	133.1	37	1.8	19.8	17.8	1.2	<1	18	7.6	<0.1
STD OREAS45E	Standard			0.039	11.9	1116	0.18	265	0.523	6.98	0.063	0.35	1.1	102.9	27	1.4	7.8	6.5	0.6	1	95	7.1	<0.1
STD OREAS24P Expected				0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7	
STD OREAS45E Expected				0.034	11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	23.5	1.32	8.28	6.8	0.54		93	6.58	0.046
BLK	Blank			<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	0.2	<0.1
Prep Wash																							
G1	Prep Blank			0.079	28.2	10	0.64	902	0.254	7.21	2.809	3.09	0.2	11.6	59	1.9	15.0	25.7	1.5	3	5	39.2	<0.1

## QUALITY CONTROL REPORT

VAN14000036.1

Method		1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Rb	Hf	In	Re	Se	Te	Tl
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.05	0.005	1	0.5	0.5
Pulp Duplicates								
1576910	Rock	0.2	<0.1	<0.05	<0.005	1	2.9	<0.5
REP 1576910	QC	0.1	<0.1	<0.05	<0.005	<1	0.6	<0.5
Reference Materials								
STD OREAS24P	Standard	21.1	3.2	<0.05	<0.005	<1	<0.5	<0.5
STD OREAS45E	Standard	23.1	3.4	0.08	<0.005	4	<0.5	<0.5
STD OREAS24P Expected		22.4	3.6					
STD OREAS45E Expected		21.2	3.11	0.099		2.97	0.1	0.09
BLK	Blank	0.2	<0.1	<0.05	<0.005	<1	<0.5	<0.5
Prep Wash								
G1	Prep Blank	126.4	0.7	0.05	<0.005	<1	<0.5	1.0