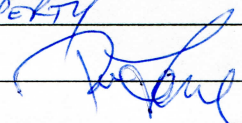


Ministry of Energy and Mines  
BC Geological Survey

**ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY**

<b>TITLE OF REPORT [type of survey(s)]</b>		<b>TOTAL COST</b>
2016 ASSESSMENT REPORT ON THE GRANITE BASIN PROPERTY		\$10,700.63
<b>AUTHOR(S)</b> R.A. (Bob) Lane	<b>SIGNATURE(S)</b> 	
<b>NOTICE OF WORK PERMIT NUMBER(S)/DATE(S)</b> N/A	<b>YEAR OF WORK</b> 2016	
<b>STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S)</b> 5620098, 5625365, 5625382		
<b>PROPERTY NAME</b> GRANITE BASIN		
<b>CLAIM NAME(S) (on which work was done)</b> 1043096, 1043097		
<b>COMMODITIES SOUGHT</b> Au, Ag		
<b>MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN</b> 094C 009		
<b>MINING DIVISION</b> OMINERA <b>NTS</b> 094C.013, 094C.014		
<b>LATITUDE</b> 56 ° 28 ' 35 " <b>LONGITUDE</b> 125 ° 51 ' 45 " (at centre of work)		
<b>OWNER(S)</b>		
1) CANASIL RESOURCES INC. 2) _____		
<b>MAILING ADDRESS</b>		
1760 - 750 W. PENDER ST. VANCOUVER, BC V6C 1G8		
<b>OPERATOR(S) [who paid for the work]</b>		
1) AS ABOVE 2) _____		
<b>MAILING ADDRESS</b>		
AS ABOVE		
<b>PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):</b>		
TRIASSIC, JURASSIC, TAKLA GROUP, ALGIRE PORPHYRY, PYRITE GOLD, SILVER		
<b>REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS</b> 35183, 25297, 24220, 23652, 21931		

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping _____			
Photo interpretation _____			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
<b>GEOCHEMICAL</b>			
(number of samples analysed for ...)			
Soil _____			
Silt _____			
Rock <u>10 grabs</u>		<u>1043096, 1043097</u>	<u>\$3,000.-</u>
Other _____			
<b>DRILLING</b>			
(total metres; number of holes, size)			
Core _____			
Non-core _____			
<b>RELATED TECHNICAL</b>			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
PROSPECTING (scale, area) <u>(1:5,000, 0.35 km<sup>2</sup>)</u>		<u>1043096, 1043097</u>	<u>\$7,700.63</u>
<b>PREPARATORY/PHYSICAL</b>			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
<b>TOTAL COST</b>			<u>\$10,700.63</u>

2016  
ASSESSMENT REPORT  
ON THE  
GRANITE BASIN PROPERTY  
OMINECA MINING DIVISION  
BRITISH COLUMBIA

BCGS MAPS 094C.013 AND 094C.014  
LATITUDE 56.15°N AND LONGITUDE 125.01°W  
STATEMENT OF WORK EVENTS: 5620098, 5625365 & 5625382

Prepared for: Canasil Resources Inc  
1760 – 750 W. Pender Street  
Vancouver, B.C. V6C 1G8

Prepared by: R. A. (Bob) Lane, P.Geo.  
Plateau Minerals Corp.

Date: January 27, 2017

**TABLE OF CONTENTS**

**1 EXECUTIVE SUMMARY ..... 2**

**2 INTRODUCTION ..... 3**

    2.1 LOCATION AND ACCESS ..... 3

    2.2 PHYSIOGRAPHY AND CLIMATE ..... 3

    2.3 PROPERTY STATUS AND OWNERSHIP ..... 3

    2.4 EXPLORATION HISTORY ..... 7

**3 REGIONAL GEOLOGY ..... 8**

**4 PROPERTY GEOLOGY ..... 8**

**5 MINERALIZATION ..... 11**

**6 2016 EXPLORATION PROGRAM ..... 13**

    6.1 PROSPECTING AND ROCK GEOCHEMICAL SAMPLING RESULTS ..... 13

**7 SAMPLING METHOD AND APPROACH ..... 16**

**8 SAMPLE PREPARATION, ANALYSES AND SECURITY ..... 16**

**9 INTERPRETATION AND CONCLUSIONS ..... 16**

**10 RECOMMENDATIONS ..... 16**

**11 ITEMIZED COST STATEMENT – GRANITE BASIN PROPERTY ..... 17**

**12 REFERENCES ..... 18**

**13 STATEMENT OF QUALIFICATIONS ..... 20**

**LIST OF TABLES**

TABLE 1: GRANITE BASIN PROPERTY - MINERAL CLAIMS ..... 5

TABLE 2: GRANITE BASIN PROPERTY - 2016 ROCK SAMPLE GEOCHEMICAL RESULTS ..... 14

**LIST OF FIGURES**

FIGURE 1: GRANITE BASIN PROPERTY - LOCATION ..... 4

FIGURE 2: GRANITE BASIN PROPERTY - MINERAL TENURE ..... 6

FIGURE 3: GRANITE BASIN PROPERTY - REGIONAL GEOLOGY ..... 10

FIGURE 4: GRANITE BASIN PROPERTY - 2016 ROCK SAMPLE LOCATIONS ..... 15

**LIST OF PLATES**

PLATE 1: LOOKING EAST AT TWO PARALLEL TOTE ROADS THAT PROVIDE ACCESS TO THE CAVED UPPER AND LOWER ADITS, GRANITE BASIN PROPERTY ..... 12

**APPENDICES**

**APPENDIX A – LABORATORY CERTIFICATES**

## **1 EXECUTIVE SUMMARY**

The Granite Basin property is located in the Aiken Lake area of the Omineca Mining Division, approximately 110 km northwest of Germansen Landing, British Columbia. The property consists of four contiguous claims that cover 1232.84 hectares of land within BCGS map 094C.041. Canasil Resources Inc. is the 100% registered owner of the four claims that comprise the property.

Detailed surface mapping, surface trenching and excavation of underground workings on the Granite Basin property (historically the Lay Group) identified two significant, unconnected gold and silver-bearing shear zones. The eastern zone, Zone 1, is located near Cominco's 1937 adit, and a western zone, consisting of Zones 2 and 3 is located 240 m to the west of the adit. Surface chip samples from Zone 1 grade up to 10.7 g/t Au and 14.8 g/t Ag over 0.4 m; chip samples from Zone 2 grade up to 16.95 g/t Au and 492 g/t Ag over 0.5 m, and; chip samples from Zone 3 grade up to 3.8 g/t Au and 23 g/t Ag over 5 m. Anomalies are restricted to a foliated, sericitic, mariposite-bearing(?) altered volcanic or intrusive which lies in the footwall of a shallowly dipping brittle fault. This fault undulates in both the dip and strike direction. Gold-silver anomalies are often associated with elevated lead and zinc values.

The limited 2016 prospecting attempted to identify and sample similar alteration and mineralization east and southeast of the old workings. Most of the samples collected and submitted for analysis were of silicified, pyritic and locally sheared fine-grained clastic and intermediate volcanic rocks. The altered rocks returned gold values ranging from less than detection to 7.93 g/t Au (sample GB16-BL03).

Recommendations for follow-up work include detailed re-examination and systematic sampling of the known showings where previous operators identified significant surface mineralization, and focused prospecting, in an effort to expand these zones. The estimated cost of the recommended program is approximately \$30,000.

## **2 INTRODUCTION**

This assessment report has been prepared at the request of Canasil Resources Inc (Canasil) to summarize results of a brief prospecting and rock geochemical sampling program conducted on September 16, 2016 on its Granite Basin property. This assessment report was prepared by independent Qualified Person R.A. (Bob) Lane, P.Geo.

### **2.1 LOCATION AND ACCESS**

The Granite Basin property is located approximately 7 km northwest of the west end of Aiken Lake, 110 km northwest of Germansen Landing, in north-central British Columbia. The property is centered at 56°28'35" N and 125°51'45" W in the Omineca Mining Division of north-central BC. The Granite Basin property covers part of BCGS map 094C.041 (094C/05W).

Well-travelled logging roads provide access to the approximate centre of the property and several short, and partially sloughed tote roads offer potential access to an area of old underground workings at the Granite Basin MINFILE occurrence (MINFILE 094C 009).

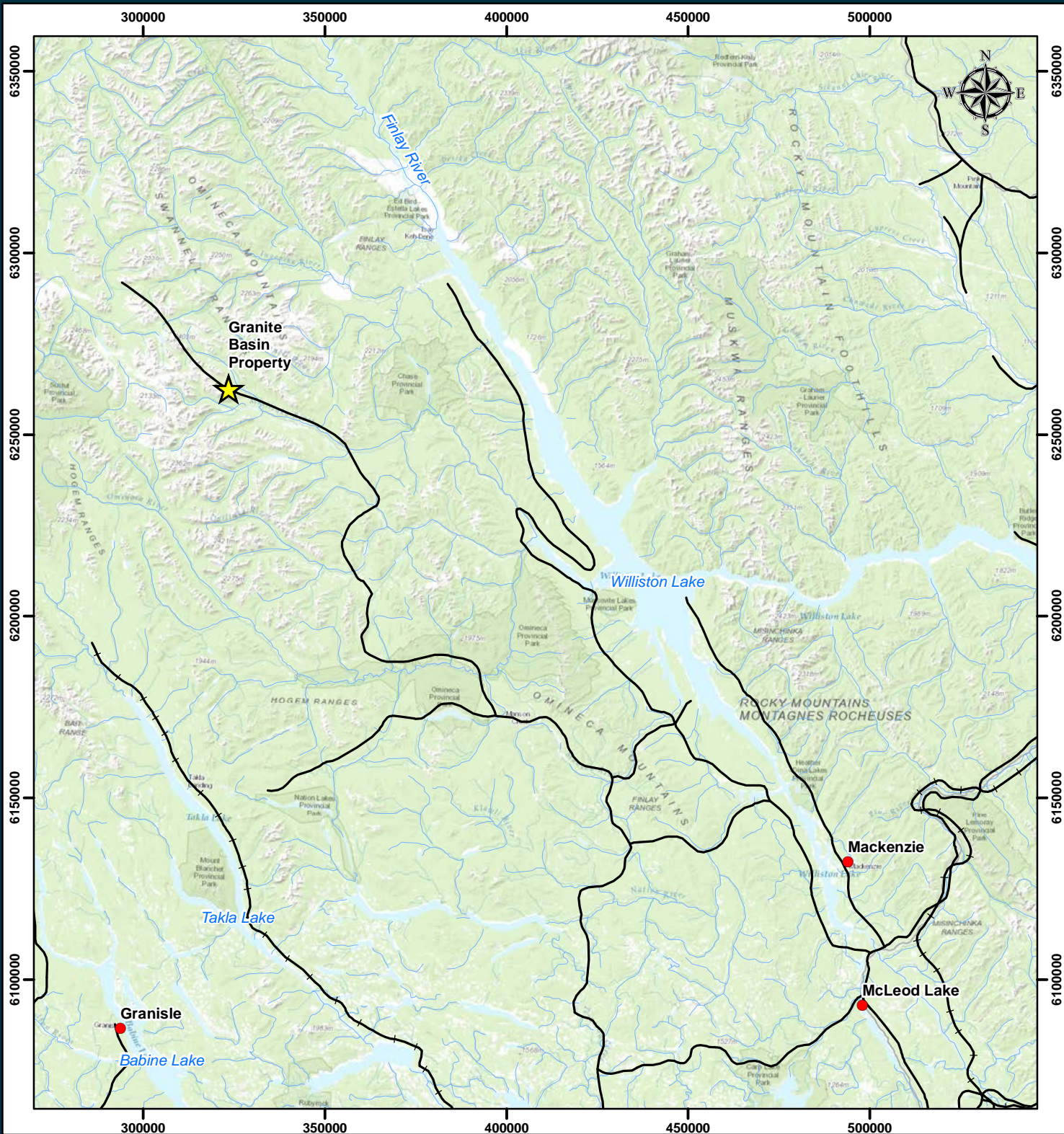
### **2.2 PHYSIOGRAPHY AND CLIMATE**

Weather in the area is typical of north-central B.C. Usually outside work can go on from June 1<sup>st</sup> to September 15<sup>th</sup> without freezing conditions. The Omineca Mountains are known for severe, snowy winters and short, warm summers. Seasonal temperatures for the property are not available, but those for Fort St James average daily highs of about 20°C through the summer months, with average daily lows of -14°C in the winter. Annual average rainfall is approximately 29 cm, while the average snowfall is about 200 cm.

Elevations on the property range from about 1200 m to more than 2100 m. Vegetation consists principally of open jackpine forest. Above tree line bedrock exposure is excellent.

### **2.3 PROPERTY STATUS AND OWNERSHIP**

The Granite Basin property consists of four contiguous claims that cover 1232.84 hectares of land that cover parts of BCGS map 094C.041 (Table 1 and Figure 2). The claims that comprise the property are 100% owned by Canasil Resources Inc.



**Canasil Resources Inc.**  
**Ganite Basin Property**  
**Location**  
**Figure 1**

20k Mapsheets: 94C03,4,13,14,23,24  
 Date: 01-25-2017  
 Projection: NAD 1983 UTM Zone 10N  
 Scale: 1:1,500,000  
 Author: tkwitkoski  
 Last Modified By: tkwitkoski  
 Checked By: BL  
 Revision #: 1

**Legend**

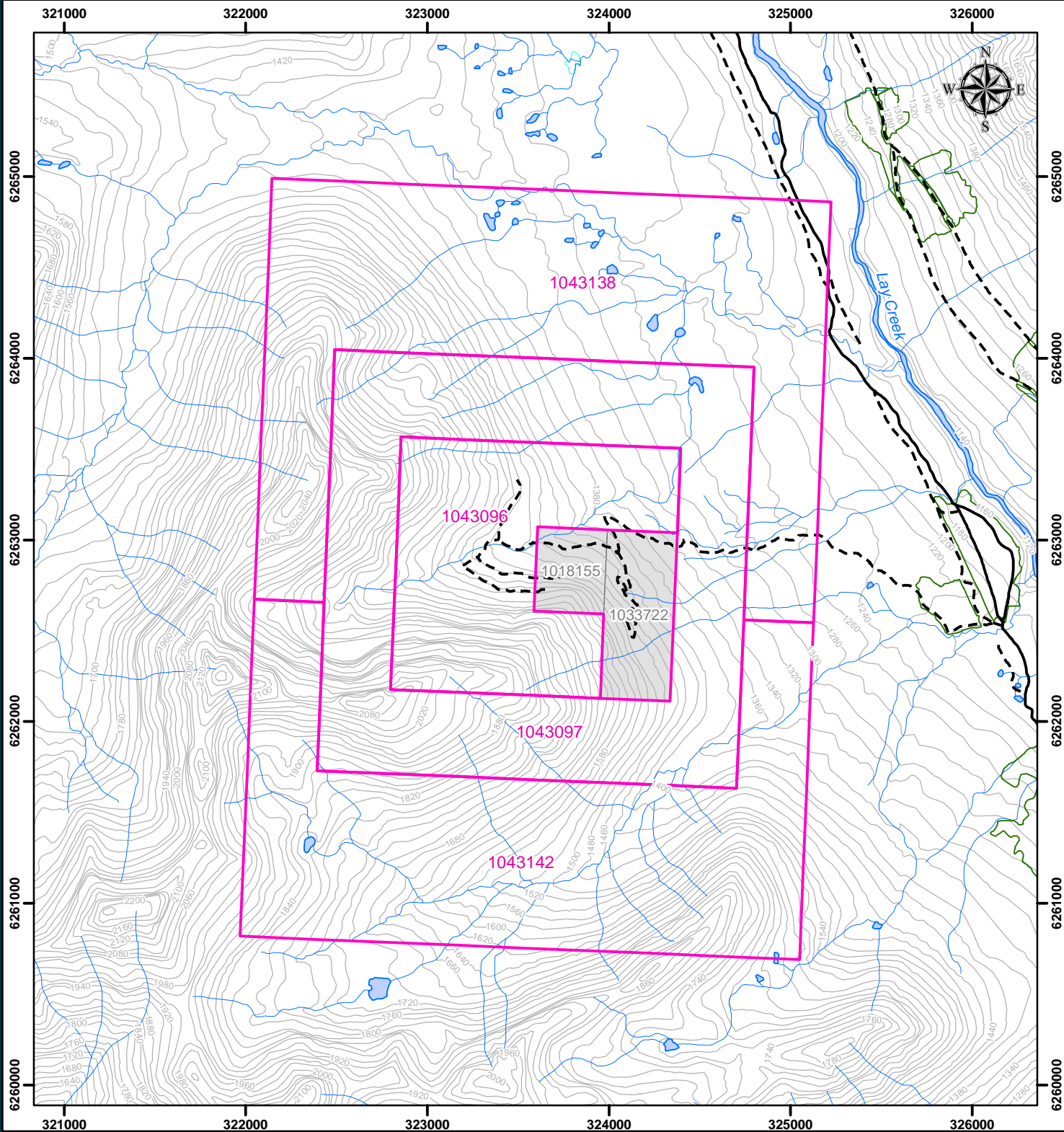
- Granite Basin Property
- City / Town / Community
- Road
- Railway
- Stream
- Lake



**Table 1: Granite Basin Property - Mineral Claims**

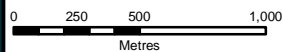
<b>Title No.</b>	<b>Claim Name</b>	<b>Owner</b>	<b>Title Type</b>	<b>Issue Date</b>	<b>Good To Date</b>	<b>Area (ha)</b>
1043096	GRANITE 1	104199 (100%)	Mineral Claim	2016/mar/29	2019/feb/04	160.80
1043097	GRANITE 2	104199 (100%)	Mineral Claim	2016/mar/29	2019/feb/04	321.61
1043138	GRANITE 3	104199 (100%)	Mineral Claim	2016/mar/31	2019/feb/04	392.96
1043142	GRANITE 4	104199 (100%)	Mineral Claim	2016/mar/31	2019/feb/04	357.47
						<b>1232.84</b>





**Canasil Resources Inc.**  
**Granite Basin Property**  
**Mineral Tenure**  
**Figure 2**

Date: 01-25-2017  
 Projection: NAD 1983 UTM Zone 10N  
 Scale: 1:30,000  
 Author: aingls  
 Last Modified By: tkwitkoski  
 Checked By: BL  
 Revision #:



**Legend**

- Gravel Road
- Rough Road
- Stream
- Contour
- Existing Cutblocks
- Lake / River
- Wetland
- Mineral Tenure - Canasil Resources Inc
- Mineral Tenure - Kelly Funk



## 2.4 EXPLORATION HISTORY

A brief account of exploration activities conducted on the Granite Basin property is provided below in chronological order.

In 1936, the area was staked by Consolidated Mining and Smelting Company of Canada (Cominco) to cover pyritic shear zones and 1,142 linear feet of hand trenching was completed confirming the presence of gold-silver values. Three zones, 1, 2, and 3 were identified. In addition, a 110 foot drift (5040 foot elevation) was driven without reaching bedrock.

In 1937, Cominco completed a 158 foot drift at a higher elevation of 5180 feet. The workings included two crosscuts of 66 feet and 10 feet in length. The developments encountered mineralized bedrock and intersected good gold grades including 6.86 g/t Au over 12 m (Lay, 1940; Roots, 1954) consistent with the surface showings of Zone 1. Surface chip sampling at Zone 2 included a 3 m interval averaging 9.43 g/t Au and 439 g/t Ag, and a chip sample taken from an exposure of Zone 3 returned 12.35 g/t Au and 32.93 g/t Ag over a 45 m length and 1.35 m width (Sirola, 1963B).

In 1962, prospecting by Emil Bronlund located new showings west of the upper adit workings and the area was re-staked.

In 1963, the property was evaluated separately by Medallion Gold Mining Corporation Ltd. and by Kerr Addison Gold Mines Ltd. Resampling focussed of the new zone (Zone 2). Chip samples collected from the west end of Zone 2 returned 7.54 g/t Au over 1.5 m (Sirola, 1963A) and 13.0 g/t Au and 490 g/t Ag over 3 m (Bronlund, 1963). In addition, five chip samples taken from the most easterly exposure of Zone 2 averaged 7.22 g/t Au and 328 g/t Ag across 6.3 m (Bronlund, 1963).

From 1971-1973, Union Minere and Stellac Exploration completed a soil geochemical survey and collected rock samples.

From 1974-1975, Susie Gold Mines conducted soil geochemical and rock chip surveys, constructed road access and completed trenching southeast of the 1936 trenching.

From 1979 to 1980, Mark V Petroleum Ltd. conducted EM and magnetometer surveys and collected chip samples.

From 1990 to 1992, Paul Weishaupt staked the Granite Basin property and conducted a soil survey, collected rock samples and blasted trenches in a cliff face.

From 1993 to 1994, Noranda Exploration Co. Ltd. staked the area for Hemlo Gold Mines Inc., then conducted rock sampling, a geochemical soil survey, and geological mapping.

From 1994 to 1995, Hemlo Gold Mines Inc. completed a program of mapping, rock sampling and diamond drilling. Highlights of the drill program included drillhole DDH-HGB-95-2, which returned 9.1 metres grading 3.36 g/t Au and 11.7 g/t Ag (Assessment Report 24220).

In 1996, Hemlo Gold Mines Inc. completed additional trenching and channel sampling to test the grades and extent of the previously identified gold-silver anomalies.

In 1997, Canasil Resources Inc. (Canasil) conducted a 500 m drill program. Significant results included drillhole GB-97-01, which returned 5 metres grading 2.37 g/t Au and 5.85 g/t Ag (Assessment Report 25297).

There was no exploration activity on the Granite Basin property from 1997 to 2012.

In 2013, Canasil funded a remote sensing survey of the property. The work, was completed by Auracle Geospatial Science Inc. (McLelland, 2013).

In 2014, Canasil. funded a limited prospecting and sampling program.

### **3 REGIONAL GEOLOGY**

The Granite Basin property is situated within the Intermontane belt. In the vicinity of the Granite Basin property it is made up of Upper Triassic to Lower Jurassic island arc volcanic, volcanoclastic and minor sedimentary rocks of the Takla Group. The volcanic-dominated package has been invaded by Jura-Cretaceous diorite, monzonite and syenite intrusions that are associated with the Hogem batholith. In fault contact to the east are volcanic and sedimentary rocks of the Mississippian Cache Creek Group. They are intruded by Triassic Trembleur ultramafic bodies. Figure 3 provides an illustration of the regional geology of the area.

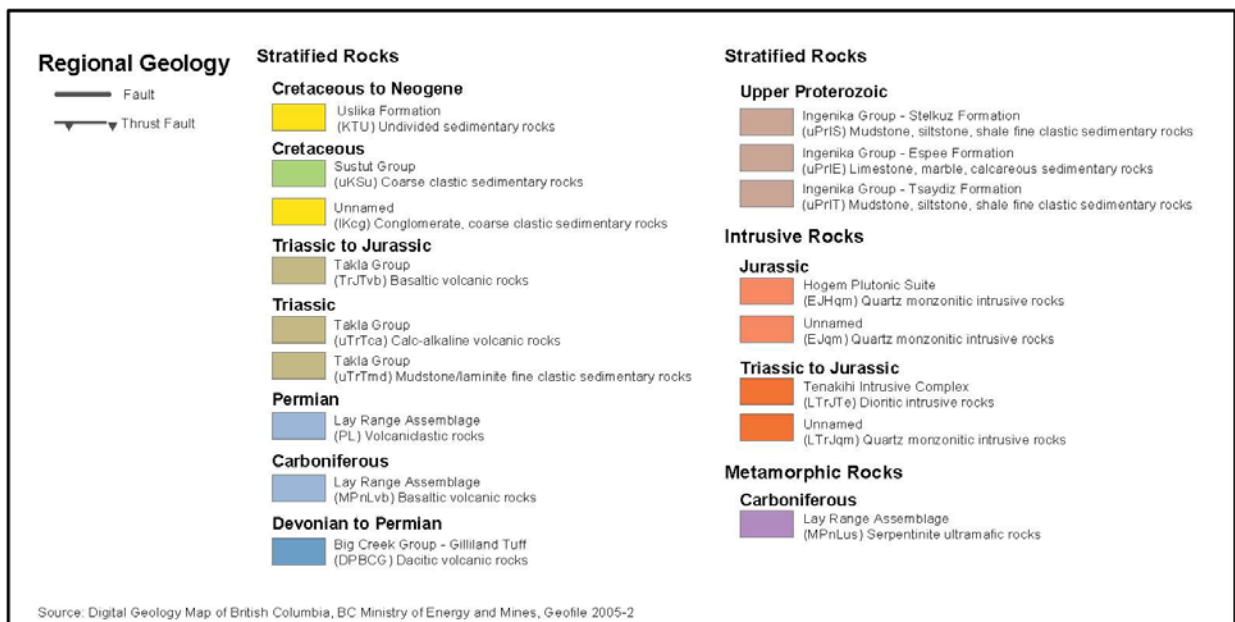
### **4 PROPERTY GEOLOGY**

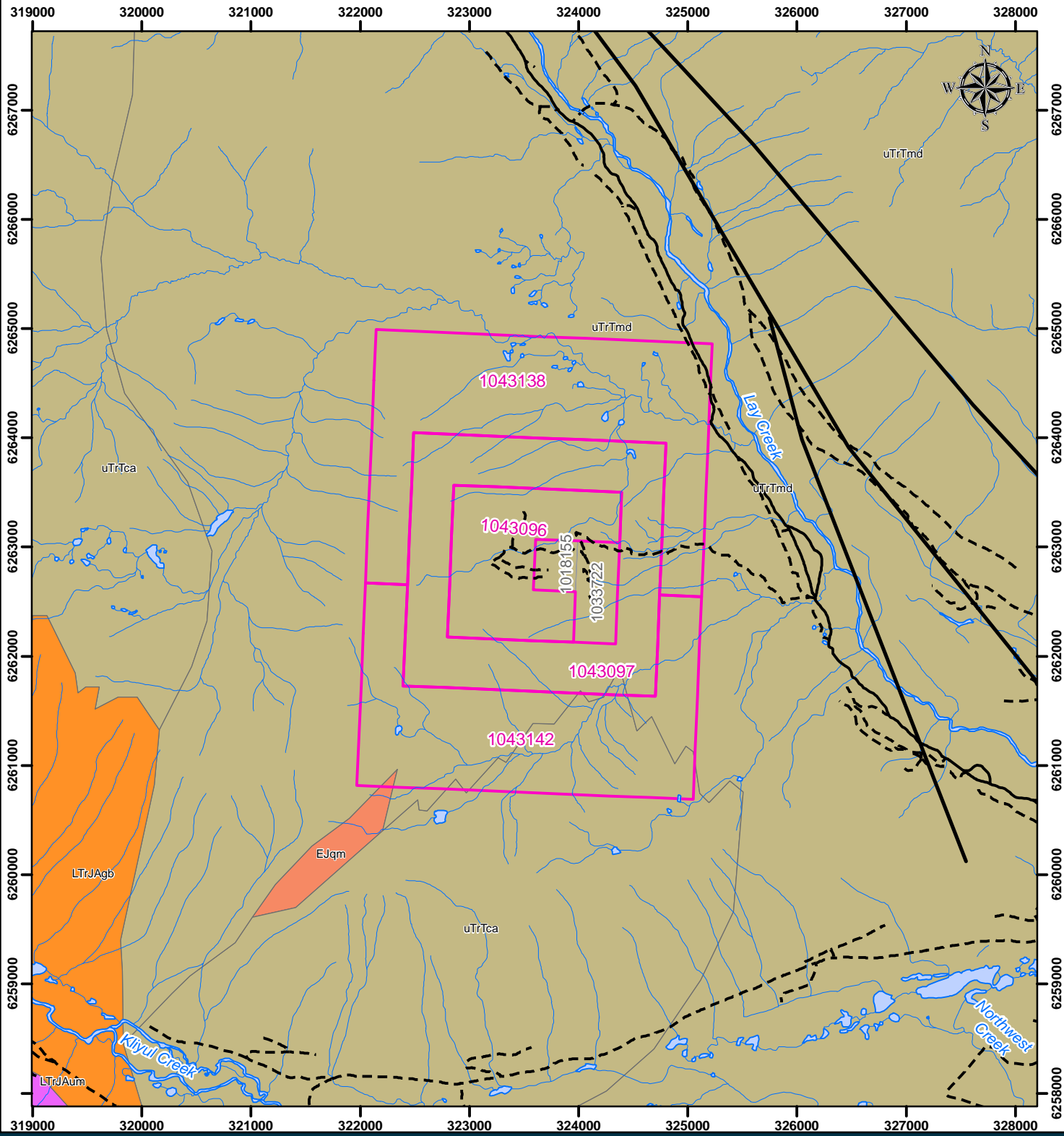
Property-scale bedrock mapping of the Granite Basin property was completed by Hemlo Gold Mines Inc. The work covered the 1937 Cominco adit and areas to the west and south of the old workings. The following geological descriptions are taken from Erdman (1995).

*"The dominant rock type is a fine to medium grained augite porphyritic andesite. It is composed of up to 15% 0.5 mm to 3 mm pyroxene crystals in a dark to medium green groundmass. It may also contain, in equal abundance, phenocrysts of feldspar to 0.5 mm in diameter. Higher in the section black siltstones, impure limestones and volcanoclastics are intercalated in the augite porphyry. These rocks have been hornfelsed where they are in contact with bodies of feldspar porphyry (see below). Dioritic intrusives are of two types - a porphyritic and a generally non-porphyritic type. Both types are leucocratic, fine to medium grained, have a sugary texture, and contain hornblende as well as feldspar. The porphyritic diorite contains feldspar phenocrysts up to 3 mm in diameter and hornblended crystals to 5*

mm in length. It most likely had the same magmatic source as the non-porphyrific diorite, but followed a different cooling path. Both types are present as sills. Isolated outcrops of quartz-feldspar or hornblende only porphyritic diorite are also present in outcrop but could not be followed for any distance. The former was included with the porphyritic diorite, the latter with the non-porphyrific diorite. Feldspar porphyry is present as dykes and sills cutting both the volcano-sedimentary package as well as both phases of diorite. It varies in colour from light grey to dark green, and contains up to 20% light grey feldspar phenocrysts up to 3 mm in size. It contains little to no hornblende. This rock type appears to be restricted to the vicinity of the gossanous central area.”

“Structural measurements on bedded sediments or volcanoclastics located on ridge tops indicate an approximate north-south strike (172° to 192°) with dips to the west from 25° to 40°. Further to the north the strike becomes more westerly (approximately 220°), however the angle of dip remains the same. Prior to the work by Noranda in 1994 exploration programmes had identified three zones of shearing, identified as Zones 1 to 3. Zone 1, the easternmost zone, strikes at 310° and dips steeply to the northeast at 75°. This is the zone intersected by Cominco’s 1937 adit and is reported to have a width of 12 meters. Zones 2 and 3 lie to the southwest, are higher in elevation by 85 m and 182 m respectively and have similar strikes and dips 266°/40°N (Zone 2) and 262°/58°N (Zone 3). These latter two zones are now believed to be outcrops of the same shear, with the steep talus slope between Zones 2 and 3 covering an irregular dip slope exposing the upper limits and hanging wall of the shear. Although the footwall of this second zone is never exposed it is at least 5 meters wide, as measured at the previously named Zone 3.”





**Canasil Resources Inc.**  
**Granite Basin Property**  
**Regional Geology**  
**Figure 3**

20k Mapsheets:  
 Date: 01-25-2017  
 Projection: NAD 1983 UTM Zone 10N  
 Scale: 1:50,000  
 Author: ainglis  
 Last Modified By: tkwitkoski  
 Checked By: BL  
 Revision #: \_\_\_\_\_

**Legend**

- Fault
- Paved Road
- Gravel Road
- Rough Road
- Stream
- Lake / River
- Mineral Tenure - Canasil Resources Inc
- Mineral Tenure - Kelly Funk



## 5 MINERALIZATION

The following description of mineralization found at the Granite Basin property is taken from Erdman (1995).

*"The augite porphyritic andesite and associated sediments are generally non-mineralized, or may be sparsely mineralized with fine-grained disseminated pyrite. However in contact with the porphyritic diorite these rocks may be heavily pyritized."*

*"The porphyritic diorite always hosts pyrite, in concentrations of up to 20%. Prior to 1975, exploration programmes focused on these pyritic horizons, and in general the gold content was negligible except in the vicinity of the adit where a pyritic horizon is coincident with the Zone 1 shear."*

*"In 1975 it was recognized that it was the shears which hosted the gold-silver mineralization and that these shears cut across all rock types. Rocks within the shears are foliated, altered to a fine grain, white to light blue colour and contain cryptocrystalline quartz veinlets, patchy carbonate, sericite, minor mariposite (?), and pyrite, both as wavy laminations as well as disseminated. Two generations of pyrite are clearly visible: 1. An early fine grain silvery phase often observed as a film along fracture planes, and 2. a later coarser grained yellowish phase occurring along foliation planes and as irregular pods. Very rarely trace amounts of galena are associated with the quartz veinlets."*

*"Detailed mapping by Hemlo in 1995 shows that the sheared foliated outcrops always occur in the footwall of a 5 cm wide brittle fault generally striking from 310° to 330° and dipping shallowly to the northeast. Rocks exposed in the hanging wall are unaltered andesites or limy sediments, and may or may not contain pyrite. This fault does not have a flat planar surface but undulates in both the dip and strike direction, as evidenced by the dip slope connecting Zones 2 and 3, and in outcrop above the trench blasted by Canasil in 1992."*



**Plate 1: Looking east at two parallel tote roads that provide access to the caved upper and lower adits, Granite Basin property.**

## **6 2016 EXPLORATION PROGRAM**

One day of helicopter-supported field work was spent evaluating an area that included part of the ridge crest and the steep, eastward sloping spur above the old workings (see Plate 1). The work took place on September 16, 2016, and, because of the short duration was based from Fort St James. The crew consisted of Bob Lane, Jerry Blackwell and Bruce Johnson. The intent of the 2016 program was to prospect for, and sample where possible, altered and mineralized bedrock similar to the pyritic shear zones described in the literature.

Subsequently, Canasil proceeded with a helicopter-borne magnetic survey; results from this latter program will be the subject of a separate assessment report.

### **6.1 PROSPECTING AND ROCK GEOCHEMICAL SAMPLING RESULTS**

A total of 10 rock samples were collected. Three of the samples were collected from the surface expression of the main showing area located just off of the Canasil claim block. Selected analytical results, along with UTM coordinates, are compiled in Table 2. Full analytical results are provided in Appendix A. Rock sample locations are shown in Figure 4.

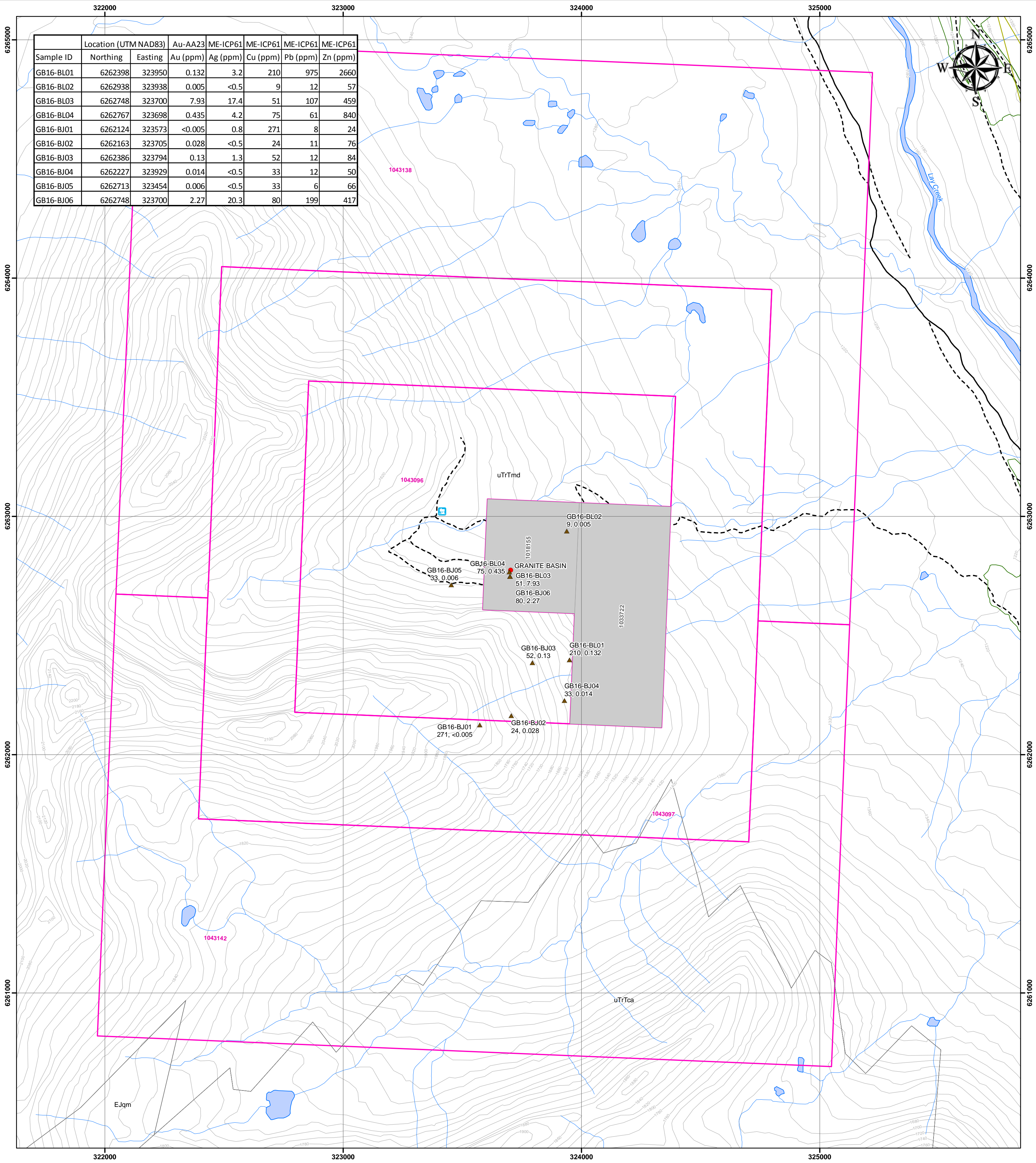
Most of the samples collected and submitted for analysis were of silicified, pyritic and locally sheared fine-grained clastic and intermediate volcanic rocks. The altered rocks returned gold values ranging from less than detection to 7.93 g/t Au (sample GB16-BL03). Sulphide-bearing quartz vein float consisting of blebby intergrown chalcopyrite and pyrite in a gangue of primarily white quartz, was noted but had been previously sampled by Canasil.

The limited scope of the 2016 program did not provide adequate time to fully evaluate the potential of the Granite Basin property. However, the brief program served to identify the areas of old Cominco workings and confirmed the presence of anomalous gold in altered sedimentary and volcanic rocks in outcrop east and southeast of the old workings.



**Table 2: Granite Basin Property - 2016 Rock Sample Geochemical Results**

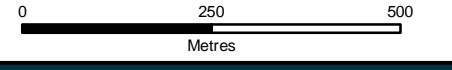
Sample ID	Location (UTM NAD83)		Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Description
	Northing	Easting	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	
GB16-BL01	6262398	323950	0.132	3.2	210	975	2660	rusty pyritic plagioclase porphyritic andesite dyke
GB16-BL02	6262398	323938	0.005	<0.5	9	12	57	rusty weathering, weakly porphyritic and chloritized andesite; 1-2% diss py and hem- goe-man on fractures
GB16-BL03	6262748	323700	7.93	17.4	51	107	459	rusty weathering andesite with 3-5% diss py common jar-hem
GB16-BL04	6262767	323698	0.435	4.2	75	61	840	near caved adit: sooty, pyritic andesite
GB16-BJ01	6262124	323573	<0.005	0.8	271	8	24	rusty weathering pyritic andesite
GB16-BJ02	6262163	323705	0.028	<0.5	24	11	76	rusty weathering pyritic andesite
GB16-BJ03	6262386	323794	0.13	1.3	52	12	84	rusty weathering pyritic andesite
GB16-BJ04	6262227	323929	0.014	<0.5	33	12	50	rusty weathering pyritic andesite
GB16-BJ05	6262713	323454	0.006	<0.5	33	6	66	sericite-altered volcanic
GB16-BJ06	6262748	323700	2.27	20.3	80	199	417	rusty weathering andesite with 3-5% diss py common jar-hem



Sample ID	Location (UTM NAD83)		Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Northing	Easting	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
GB16-BL01	6262398	323950	0.132	3.2	210	975	2660
GB16-BL02	6262938	323938	0.005	<0.5	9	12	57
GB16-BL03	6262748	323700	7.93	17.4	51	107	459
GB16-BL04	6262767	323698	0.435	4.2	75	61	840
GB16-BJ01	6262124	323573	<0.005	0.8	271	8	24
GB16-BJ02	6262163	323705	0.028	<0.5	24	11	76
GB16-BJ03	6262386	323794	0.13	1.3	52	12	84
GB16-BJ04	6262227	323929	0.014	<0.5	33	12	50
GB16-BJ05	6262713	323454	0.006	<0.5	33	6	66
GB16-BJ06	6262748	323700	2.27	20.3	80	199	417

**Canasil Resources Inc.**  
**Granite Basin Property**  
**Sample Locations & Results**  
**Figure 4**

20k Mapsheets:  
 Date: 01-25-2017  
 Projection: NAD 1983 UTM Zone 10N  
 Scale: 1:10,000  
 Author: ainglis  
 Last Modified By: tkwitkoski  
 Checked By:  
 Revision #:



**Legend**

- ▲ Rock - Cu(ppm), Au(ppb)
- 📍 Granite Camp & Drill Core
- Minfile Occurrence
- Fault Line
- Gravel Road
- Rough Road
- Stream
- Contour
- ▭ Existing Cutblocks
- ▭ Lake / River
- ▭ Regional Geology
- ▭ Mineral Tenure - Canasil Resources Inc.
- ▭ Mineral Tenure - Kelly Funk

- Stratified Rocks**
- Cretaceous**  
 Unnamed (Kcg) Conglomerate, coarse clastic sedimentary rocks
- Triassic to Jurassic**  
 Takla Group (uTTrca) Calc-alkaline volcanic rocks  
 Takla Group (uTTrmd) Mudstone/taminitic fine clastic sedimentary rocks
- Permian**  
 Lay Range Assemblage (PL) Volcaniclastic rocks
- Intrusive Rocks**  
**Jurassic**  
 Hogem Plutonic Suite (EJqm) Quartz monzonitic intrusive rocks
- Triassic to Jurassic**  
 Tenakhi Intrusive Complex (LTJTe) Dioritic intrusive rocks



## **7 SAMPLING METHOD AND APPROACH**

Samples collected in the field were described by the author and/or crew under the direction of the author. All rock samples were placed in heavy poly bags and labeled with a unique sample number. Samples were collected to assess areas of the property for precious metal, structurally-controlled mineralization. A total of 10 rock samples were collected and submitted for analysis.

## **8 SAMPLE PREPARATION, ANALYSES AND SECURITY**

All samples were packed into large rice bags and driven from the site and placed in a locked private garage prior to shipping. The bagged samples were then sent via bonded commercial carrier to ALS Minerals (ALS) laboratory in North Vancouver, BC, for preparation and analysis.

Rock samples were analyzed for a suite of 33 elements using by method ME-ICP61 and for gold by method Au-AA23. ALS provided its own internal quality control assessment of the sample analytical results..

## **9 INTERPRETATION AND CONCLUSIONS**

The limited 2016 prospecting attempted to identify and sample similar alteration and mineralization east and southeast of the old workings. Most of the samples collected and submitted for analysis were of silicified, pyritic and locally sheared fine-grained clastic and intermediate volcanic rocks. The altered rocks returned gold values ranging from less than detection to 7.93 g/t Au (sample GB16-BL03).

## **10 RECOMMENDATIONS**

Recommendations for follow-up work include detailed re-examination and systematic sampling of the known showings where previous operators identified significant surface mineralization, and focused prospecting, in an effort to expand these zones. The estimated cost of the recommended program is approximately \$30,000.

## 11 ITEMIZED COST STATEMENT – GRANITE BASIN PROPERTY

Granite Basin Project - 2016		Dates Worked	Days/Hrs	Rate	Amount	TOTALS
<b>Wages &amp; Salaries (Project Planning, Travel and Fieldwork):</b>						
Johnson, B	Prospector	Sep 13, 16 & 18/16	1.50	400.00	600.00	
Blackwell, J.	Senior Geologist	Sep 13 & 16/16	1.25	750.00	937.50	
Lane, B	Project Geologist	Sep 13, 16 & 18/16	1.50	700.00	1,050.00	
			4.25		2,587.50	<b>2,587.50</b>
<b>Helicopter (West Luck, Fireweed Helicopters)</b>						
Fort St James base	3.7 hours flying including fuel	Sep 16/16	3.90	1348.74	5,260.09	<b>5,260.09</b>
<b>Rentals - Equipment</b>						
Plateau Minerals Corp.	Misc. Field Equipment - shared	Sep 13 - 18/16	1.00	20.00	20.00	
Plateau Minerals Corp.	Communications (hand held VHF radios) - shared	Sep 13 - 18/16	1.00	20.00	20.00	
					40.00	<b>40.00</b>
<b>Travel (to/from site)</b>						
Plateau Minerals Corp	Fuel - one 4x4 pickup - shared	Sep 13 - 18/16	1.00	122.10	122.10	
Plateau Minerals Corp	Km charges (1707 km - shared)	Sep 13 - 18/16	853.5	0.65	554.78	
					676.88	<b>676.88</b>
<b>Accommodation and Meals</b>						
Crew	Accommodation - shared	Sep 13 - 18/16	1.00	467.56	467.56	
Crew	Meals - shared	Sep 13 - 18/16	1.00	183.89	183.89	
					651.45	<b>651.45</b>
<b>Geochemical Analysis &amp; Assaying</b>						
standards (two)	CDN Labs	Sep-16	2.00	10.00	20.00	
shipping	Greyhound Courier - shared	Sep-16	1.00	43.63	43.63	
ALS Minerals - 10 samples	Job VA16161231 - shared	Oct-16	10.00	42.11	421.10	
					484.73	<b>484.73</b>
<b>Consulting - Report Writing &amp; Data Processing</b>						
Allnorth Consultants	GIS Mapping Services	Dec-16	1.00	300.00	300.00	
Plateau Minerals Corp.	PGEO Report Writing	Dec-16	1.00	700.00	700.00	
			2.00		1,000.00	<b>1,000.00</b>
<b>Total Cost Statement</b>	<b>Granite Basin Project - 2016</b>					<b>10,700.63</b>

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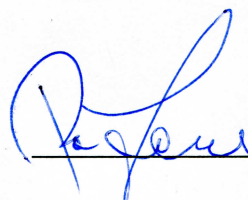
Weishaupt, P. J. (1997): Drilling Report on the Granite Basin Property; *BC Ministry of Energy and Mines*, Assessment Report 25297, 33 p.

### 13 STATEMENT OF QUALIFICATIONS

I, **R. A. (Bob) Lane** certify that:

1. I am the President of Plateau Minerals Corp., a mineral exploration consulting company with an office located at 3000 18<sup>th</sup> Street, Vernon, B.C.
2. I am the author of this assessment report, entitled "2016 Assessment Report on the Granite Basin Property, Omineca Mining Division, British Columbia". The report presents the findings of 2016 exploration program and was filed with the B.C. Ministry of Energy and Mines on behalf of Canasil Resources Inc.
3. I managed the 2016 exploration program on the Granite Basin property and spent one day in the field, Sep 16, 2016.
4. I am a graduate of the University of British Columbia in 1990 with a M.Sc. in Geology.
5. I am a Professional Geoscientist (P.Ge.) registered with the Association of Professional Engineers and Geoscientists of British Columbia (Registration #18993) and have been a member in good standing since 1992.
6. I have practiced my profession continuously since 1990 and have more than 25 years of experience investigating a number of mineral deposit types, primarily in British Columbia.
7. As a result of my experience and qualifications, I am a Qualified Person as defined by National Instrument 43-101 Standards for Disclosure for Mineral Projects.

Dated this 27<sup>th</sup> day of January, 2017, at Vernon, British Columbia.



The seal is an octagonal stamp with a decorative border. The text inside the seal reads: "PROFESSIONAL PROVINCE OF R. A. LANE BRITISH COLUMBIA GEOSCIENTIST".

R. A. (Bob) Lane, P.Ge.

## **APPENDIX A – LABORATORY CERTIFICATES**





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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 www.alsglobal.com

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 Plus Appendix Pages  
 Finalized Date: 8- OCT- 2016  
 Account: ROA

**CERTIFICATE VAI6161231**

Project: Omineca(Vega,Granite Basin,Lil

This report is for 39 Rock samples submitted to our lab in Vancouver, BC, Canada on 22- SEP- 2016.

The following have access to data associated with this certificate:

JERRY BLACKWELL

BOB LANE

BAHMAN Y.

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
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
LOG- 24	Pulp Login - Rcd w/o Barcode


**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP61	33 element four acid ICP- AES	ICP- AES
Ag- OG62	Ore Grade Ag - Four Acid	ICP- AES
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Cu- OG62	Ore Grade Cu - Four Acid	ICP- AES
Zn- OG62	Ore Grade Zn - Four Acid	ICP- AES
Au- AA23	Au 30g FA- AA finish	AAS

To: CANASIL RESOURCES LTD.  
 ATTN: BOB LANE  
 SUITE 1760- 750 WEST PENDER STREET  
 VANCOUVER BC V6C 2T8

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

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 2 (A - C)  
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 Account: ROA

Project: Omineca(Vega,Granite Basin,Lil

**CERTIFICATE OF ANALYSIS VA16161231**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
VE16- BL00		0.12	0.506	4.2	7.18	31	350	0.8	4	1.33	4.4	11	42	3670	5.29	20
VE16- BL01		2.06	0.278	9.7	7.12	58	1250	1.4	4	2.07	8.7	16	6	8380	8.49	20
VE16- BL02		3.94	0.008	<0.5	5.80	106	1000	0.7	<2	5.30	0.5	22	78	60	3.20	10
VE16- BL03		6.20	0.154	0.9	7.16	14	630	1.1	<2	5.40	<0.5	33	150	471	7.04	20
P16- BJ		1.86	0.158	1.5	5.17	52	90	1.4	<2	0.33	<0.5	17	4	9160	11.60	10
VE16- BJ05		0.64	0.023	<0.5	7.46	13	1080	1.1	3	3.54	<0.5	109	166	28	6.74	20
VE16- BJ09		1.88	0.087	5.0	6.31	18	410	3.4	<2	0.49	13.3	16	8	>10000	7.39	20
P555000		0.12	2.89	>100	4.62	2710	70	0.9	23	3.84	132.0	61	49	7830	9.48	20
P555101		1.38	0.071	0.6	8.51	392	8340	<0.5	2	0.22	<0.5	<1	36	2850	3.01	10
P555102		2.24	0.221	1.6	3.87	1145	160	<0.5	2	15.6	1.2	47	80	2010	6.59	10
P555103		1.66	<0.005	<0.5	6.59	48	2610	0.6	3	9.81	2.1	21	245	54	5.27	10
P555104		1.02	0.007	<0.5	7.42	1565	1510	0.5	<2	3.26	<0.5	9	221	240	12.60	20
P555105		1.40	<0.005	<0.5	8.26	29	860	0.6	<2	6.20	<0.5	20	44	50	5.00	20
P555106		1.28	0.072	<0.5	6.69	4190	50	<0.5	<2	0.60	<0.5	24	67	774	15.45	10
P555107		1.24	0.005	<0.5	8.08	88	1420	0.7	<2	3.98	<0.5	15	67	120	4.87	20
P555108		1.68	<0.005	<0.5	8.25	128	460	0.8	2	3.47	<0.5	30	178	159	5.66	20
P555109		1.56	<0.005	<0.5	8.09	62	270	0.7	<2	3.93	<0.5	34	184	147	5.41	20
P555110		1.04	<0.005	<0.5	8.16	69	310	0.7	<2	4.91	<0.5	23	131	71	4.50	20
P555111		1.58	<0.005	<0.5	8.30	25	440	0.7	5	4.57	<0.5	26	178	106	5.33	20
P555112		1.24	<0.005	<0.5	7.99	60	680	0.6	<2	5.02	<0.5	24	166	220	5.21	20
P555113		1.94	0.048	<0.5	7.32	4200	240	0.5	<2	5.93	<0.5	21	94	1370	8.09	10
L16- BL00		0.12	0.502	4.3	7.06	29	340	0.8	3	1.31	4.3	12	41	3650	5.18	20
L16- BL01		1.76	0.143	>100	0.80	810	50	<0.5	<2	0.05	35.9	1	73	2490	1.40	<10
L16- BL02		1.22	0.547	>100	0.83	110	30	<0.5	2	0.01	29.9	<1	38	2280	1.66	<10
L16- BJ01		2.76	0.437	28.0	1.04	1420	40	<0.5	<2	0.02	<0.5	6	51	35	4.36	<10
L16- BJ02		1.28	0.052	2.6	0.53	166	30	<0.5	<2	0.01	<0.5	<1	70	12	0.76	<10
L16- BJ03		1.90	0.239	20.2	1.48	618	70	0.5	<2	0.03	1.5	6	65	21	1.89	<10
GB16- BL00		0.12	2.45	>100	4.40	2620	150	0.8	20	3.64	124.5	58	46	7470	9.13	20
GB16- BL01		1.88	0.132	3.2	7.78	20	90	<0.5	3	0.57	8.1	11	49	210	5.48	20
GB16- BL02		1.90	0.005	<0.5	9.39	7	360	0.5	2	5.40	<0.5	3	3	9	5.17	20
GB16- BL03		1.56	7.93	17.4	10.40	243	200	<0.5	3	0.53	<0.5	19	101	51	4.19	30
GB16- BL04		1.32	0.435	4.2	8.63	108	100	<0.5	2	1.69	3.6	15	94	75	8.99	20
GB16- BJ01		1.12	<0.005	0.8	1.80	<5	400	<0.5	<2	0.10	<0.5	1	32	271	1.32	<10
GB16- BJ02		1.94	0.028	<0.5	8.52	12	580	0.5	3	4.02	<0.5	18	107	24	4.48	20
GB16- BJ03		1.46	0.130	1.3	9.23	32	410	<0.5	<2	4.15	<0.5	21	51	52	5.46	20
GB16- BJ04		1.40	0.014	<0.5	9.37	6	270	0.7	2	10.30	<0.5	9	29	33	5.70	20
GB16- BJ05		1.14	0.006	<0.5	1.95	<5	40	<0.5	<2	28.9	<0.5	3	15	33	1.65	<10
GB16- BJ06		0.94	2.27	20.3	10.05	207	160	<0.5	2	0.65	<0.5	15	83	80	4.81	30
GB16- BJ07		1.50	1.415	6.4	7.25	82	1260	<0.5	<2	16.6	<0.5	13	45	27	3.42	20

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



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Page: 2 - B  
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 Account: ROA

Project: Omineca(Vega,Granite Basin,Lil

**CERTIFICATE OF ANALYSIS VA16161231**

Sample Description	Method Analyte Units LOR	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	NI ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Tl %
VE16- BL00		2.47	10	0.78	983	19	0.57	26	740	121	3.58	<5	8	168	<20	0.18
VE16- BL01		2.35	10	1.28	3410	6	1.58	6	1210	125	0.04	<5	13	484	<20	0.25
VE16- BL02		2.11	10	1.96	767	10	1.61	54	880	5	1.34	11	13	621	<20	0.33
VE16- BL03		2.57	10	3.33	1310	2	2.50	86	1500	6	0.99	7	24	773	<20	0.50
P16- BJ		1.65	10	1.22	6360	<1	0.02	4	850	25	0.03	14	9	48	<20	0.18
VE16- BJ05		2.76	10	3.72	1375	3	2.65	88	1510	3	2.60	<5	23	475	<20	0.53
VE16- BJ09		2.32	10	1.17	8150	2	0.32	4	910	79	0.22	9	11	97	<20	0.22
P555000		1.54	440	1.57	2290	71	0.65	54	3490	8200	6.34	360	9	607	110	0.15
P555101		4.41	<10	0.65	127	2	0.21	2	1200	9	0.71	<5	4	304	<20	0.29
P555102		0.43	10	3.11	1340	12	1.32	60	420	11	2.62	10	11	516	<20	0.18
P555103		1.69	10	3.20	2950	<1	1.11	95	730	85	0.24	<5	22	390	<20	0.37
P555104		1.18	<10	2.96	903	2	0.12	121	860	8	1.78	9	28	173	<20	0.43
P555105		2.59	10	2.25	814	1	2.77	22	1410	5	0.54	<5	13	413	<20	0.39
P555106		3.76	<10	1.26	233	19	0.52	29	1040	9	7.74	14	11	283	<20	0.33
P555107		2.67	10	2.07	571	3	2.93	37	1280	6	0.97	<5	12	438	<20	0.37
P555108		1.80	10	2.40	617	2	2.84	77	1070	7	0.72	<5	19	369	<20	0.42
P555109		1.35	10	2.82	814	2	2.97	91	930	5	0.81	<5	20	313	<20	0.41
P555110		1.20	10	2.13	769	2	3.67	65	990	4	0.91	6	16	398	<20	0.36
P555111		1.23	10	2.81	1065	1	3.22	87	900	5	0.89	<5	21	335	<20	0.41
P555112		1.28	10	2.92	890	1	3.17	87	890	6	0.76	<5	18	364	<20	0.38
P555113		2.31	10	1.65	596	9	1.01	50	900	9	3.84	12	14	276	<20	0.33
L16- BL00		2.44	10	0.77	965	18	0.57	26	740	123	3.52	6	8	166	<20	0.17
L16- BL01		0.31	<10	0.04	52	4	0.01	5	20	3530	1.52	1395	1	4	<20	0.04
L16- BL02		0.35	<10	0.04	36	1	0.01	4	20	4890	1.96	899	1	2	<20	0.04
L16- BJ01		0.46	10	0.05	50	3	0.01	19	30	114	4.53	110	1	5	<20	0.07
L16- BJ02		0.20	<10	0.03	42	5	0.01	5	20	29	0.36	16	1	3	<20	0.03
L16- BJ03		0.70	10	0.08	54	3	0.01	12	50	304	1.44	67	2	5	<20	0.09
GB16- BL00		1.49	420	1.50	2180	70	0.63	50	3300	7820	6.08	341	9	571	100	0.14
GB16- BL01		2.95	<10	0.83	557	5	0.57	22	360	975	4.63	5	15	98	<20	0.27
GB16- BL02		0.88	10	1.50	957	19	2.81	2	810	12	0.65	<5	12	337	<20	0.39
GB16- BL03		4.63	<10	1.52	692	6	0.36	35	660	107	4.43	17	17	51	<20	0.43
GB16- BL04		1.72	<10	1.13	898	7	1.93	38	630	61	6.69	8	17	275	<20	0.32
GB16- BJ01		0.35	<10	0.30	167	1	0.44	6	250	8	0.03	<5	4	35	<20	0.08
GB16- BJ02		0.80	<10	1.08	904	1	2.81	56	730	11	2.80	6	12	305	<20	0.30
GB16- BJ03		1.52	<10	0.66	363	1	1.56	24	710	12	5.78	10	17	240	<20	0.36
GB16- BJ04		0.36	10	1.21	942	22	0.97	10	700	12	2.29	<5	16	129	<20	0.40
GB16- BJ05		0.05	10	0.34	868	35	0.05	14	450	6	0.69	<5	5	160	<20	0.10
GB16- BJ06		4.56	<10	1.08	506	3	0.65	26	810	199	3.96	23	16	102	<20	0.39
GB16- BJ07		0.86	10	0.95	2150	7	1.39	22	500	37	2.63	5	11	378	<20	0.26



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Page: 2 - C  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 8- OCT- 2016  
 Account: ROA

Project: Omineca(Vega,Granite Basin,Lil

**CERTIFICATE OF ANALYSIS VA16161231**

Sample Description	Method Analyte Units LOR	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	Ag- OG62	Cu- OG62	Zn- OG62
		Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Cu %	Zn %
		10	10	1	10	2	1	0.001	0.001
VE16- BL00		10	<10	72	<10	950			
VE16- BL01		<10	<10	153	10	3120			
VE16- BL02		<10	<10	150	<10	91			
VE16- BL03		<10	<10	238	<10	75			
P16- BJ		<10	10	96	20	237			
VE16- BJ05		<10	<10	232	10	50			
VE16- BJ09		<10	<10	125	10	3610		1.070	
P555000		10	<10	68	20	>10000	272		2.41
P555101		<10	<10	72	20	38			
P555102		<10	10	125	<10	185			
P555103		<10	<10	178	<10	490			
P555104		10	<10	218	30	35			
P555105		<10	<10	162	<10	42			
P555106		<10	<10	125	10	22			
P555107		10	<10	153	10	29			
P555108		<10	<10	191	10	30			
P555109		<10	<10	191	<10	25			
P555110		<10	<10	156	<10	24			
P555111		<10	<10	194	10	52			
P555112		10	<10	169	<10	38			
P555113		<10	<10	143	20	52			
L16- BL00		<10	<10	71	<10	937			
L16- BL01		<10	<10	8	<10	7680	337		
L16- BL02		<10	<10	6	<10	7390	870		
L16- BJ01		<10	<10	12	<10	22			
L16- BJ02		<10	<10	5	<10	25			
L16- BJ03		<10	<10	16	<10	289			
GB16- BL00		10	<10	65	20	>10000	273		2.38
GB16- BL01		<10	<10	128	<10	2660			
GB16- BL02		10	<10	136	<10	57			
GB16- BL03		20	<10	162	10	459			
GB16- BL04		<10	<10	143	<10	840			
GB16- BJ01		<10	<10	39	<10	24			
GB16- BJ02		<10	<10	110	<10	76			
GB16- BJ03		20	<10	165	<10	84			
GB16- BJ04		<10	<10	173	<10	50			
GB16- BJ05		<10	<10	40	<10	66			
GB16- BJ06		10	<10	165	10	417			
GB16- BJ07		10	<10	90	<10	62			

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



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Page: Appendix 1  
 Total # Appendix Pages: 1  
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**CERTIFICATE OF ANALYSIS VA16161231**

CERTIFICATE COMMENTS																	
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table border="0"> <tr> <td>Ag- OG62</td> <td>Au- AA23</td> <td>CRU- 31</td> <td>Cu- OG62</td> </tr> <tr> <td>LOG- 22</td> <td>LOG- 24</td> <td>ME- ICP61</td> <td>ME- OG62</td> </tr> <tr> <td>PUL- 31</td> <td>PUL- QC</td> <td>SPL- 21</td> <td>WEI- 21</td> </tr> <tr> <td>Zn- OG62</td> <td></td> <td></td> <td></td> </tr> </table>	Ag- OG62	Au- AA23	CRU- 31	Cu- OG62	LOG- 22	LOG- 24	ME- ICP61	ME- OG62	PUL- 31	PUL- QC	SPL- 21	WEI- 21	Zn- OG62			
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