BRITISH COLUMBIA The Best Place on Earth	T T T
Ministry of Energy, Mines & Petroleum Resources	COCKAL 94
BC Geological Survey	Assessment Report Title Page and Summary
TYPE OF REPORT [type of survey(s)]: TECHNICAL - PROSPECTIN	G <b>TOTAL COST:</b> \$ 1812.91
AUTHOR(S): KEN ELLERBECK	SIGNATURE(S):
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):	YEAR OF WORK: 2014
STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S)	5536787
PROPERTY NAME: BAGEE	
CLAIM NAME(S) (on which the work was done): <u>1016381</u>	
COMMODITIES SOUGHT: Au Ag Cu MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092ISE107	Name: BAG
MINING DIVISION: NICOLA	NTS/BCGS: 92  038
LATITUDE: 50 ° 21 '38 " LONGITUDE: 120	<sup>o</sup> 23 '54 " (at centre of work)
OWNER(S): 1) KEN ELLERBECK	_ 2)
MAILING ADDRESS: 255 WEST BATTLE STREET	
KAMLOOPS BC V2C 1G8	
OPERATOR(S) [who paid for the work]: 1) KEN ELLERBECK	2)
MAILING ADDRESS: 255 WEST BATTLE STREET	
KAMLOOPS BC V2C1G8	
PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure underlain by Triassic 'Nicola' Group intermediate to mafic volca	e, alteration, mineralization, size and attitude): niclastic rocks -augite porphyry, red and green pyroclastics and 🏢
maroon (hematitic) conglomerates. Common Rock type is and	sitic flow breccia.
Silicification occurs as finely laminated veins or brecciated vein	s.Within veins-breccia zones pyrite is the only common sulphide.
Alteration appears to be above the boiling zone of hydrotherma	I system and above the zone of deposition of precious metals.
REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT F	REPORT NUMBERS: 13788 31316 24205

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. 10		
Photo interpretation			
GEOPHYSICAL (line-kilometres) Ground			
Magnetic			
Electromagnetic			•
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for)	)		
S011			
Bock			
Other			
DRILLING (total metres; number of holes, size	)		
Core			
Non-core			
RELATED TECHNICAL			
Petrographic			
Mineralographic			
Motollurgia			
PROSPECTING (scale, area) 100N	1 x 300M	1016381	1812.91
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres	s)/trail		
Trench (metres)			
Underground dev. (metres)			
Other			
			1010 01
			1012.91

BC Geological Survey Assessment Report 35374

# **KEN ELLERBECK**

(Owner & Operator)

# **TECHNICAL EXPLORATION REPORT**

(Event 5536787) on

### **PROSPECTING and EXPLORING**

Work done on

**TENURES 1016381** 

of the 3 Claim

## BAGEE CLAIM GROUP

Kamloops Mining Division BCGS Maps 092I.016

> Centre of Work 5582000N, 685000E

AUTHOR KEN ELLERBECK, PMP

**REPORT SUBMITTED** 

February 07, 2015

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#### **INTRODUCTION**

#### PURPOSE

In October 2014 a prospecting program was completed on Tenures 1016381 of the three (3) claim BAGEE Claim Group.

The purpose of the prospecting program was to locate, if possible, and examine some historic reported geological features (gold bearing gossan structures in particular) as well as to prospect for unidentified outcrops and showings of significance. Information for this report was obtained from sources cited under Selected References and from a property examination made on October 12, 2014.

#### ACCESS AND LOCATION

Road access to the Property from Kamloops, BC is by Highway 5A south for 60 km. to Stump Lake and 60 km. north of Merritt, BC.

Access to the property is entirely via foot transportation from Highway 5A, crossing BAGEE. There is one trail within the subject claims but it does not assist in prospecting activities. Access permission was obtained from the Frolek Cattle Company which owns the surface rights where the BAGEE Claim Group is located.

The Property is located within the dry belt of British Columbia with rainfall between 25 and 30 cm per year. Temperatures during the summer months could reach a high of 35°C and average 25°C with the winter temperatures reaching a low of -10°C and averaging 8°C. On the BAGEE Claim Group moderate snow cover on the ground could be from December to April and would not hamper a year-round exploration program. Elevations range from 800m to 1200 m.

Merritt, BC, and Kamloops, BC both historic mining centers, could be a source of experienced and reliable exploration and mining personnel and a supply for most mining related equipment. Kamloops is serviced daily by commercial airline and is a hub for road and rail transportation. Vancouver, a port city on the southwest corner of, and the largest city in the Province of British Columbia, is four hours distant by road and less than one hour by air from Kamloops.

#### **PROPERTY DESCRIPTION**

		1	1	
Tenure Number	<u>Type</u>	Claim Name	Good Until	<u>Area</u> (ha)
<u>1015833</u>	Mineral	KCE	20160101	185.4345
<u>1016381</u>	Mineral	BAGEE	20160101	206.1113
1016386	Mineral	BAGENTERPRISE – Expired now	20150128	61.8518

#### **Mineral Titles Online Report – BAGEE Claim Group**

Total Area: 453.3976 ha

Fort St. John 💐 Dawson Creek Terrace Prince Rune Prince George Quesnel Wittiams Lake Kimperley Canbrook Courtena astlega lan Port Albern Burnaby Grand Forks Abbotsford Duncan Surrey Victoria Colwood

#### Figure 1 LOCATION MAP from MTO Mapbuilder

Man Center: 54 4781N 194 7089W



Figure 2 CLAIM LOCATION MAP (Base Map GOOGLE EARTH)

Figure 3 Regional Location Map (Base Map GOOGLE EARTH)





Figure 4 Claim Map and Index Map iMapBC

#### HISTORY

Exploration by others on land in and near the current BAGEE Claim Group has been reported.

From Drilling Report on the Stump Lake Project (Microgold), TOTEM Minerals Inc. October 31, 2009 J. T. SHEARER, M.Sc, P.Geo. Consulting Geologist. The Microgold property include the present day BAGEE Claim Group.

"Epithermal style gold mineralization, hosted by Upper Triassic Nicola Group volcanic and sedimentary rock has been found on the property. The Microgold property demonstrates many features of classic epithermal deposits such as: the vein mineralogy and textures, the tendency for mineralization to occur in flat vein structures, the suite of geochemical indicator elements, and the presence of gold mineralization locally up to near economic levels. The reported presence of brecciation also fits this model although the exact nature or origin of the breccias is presently uncertain. All of these features create a target that in recent years has attracted the attention of numerous epithermal-oriented explorationists and companies. These rocks are part of the Quesnel Terrane within the Intermontane Tectonic Belt. Gold and silver exploration date back to the 1800's in the Stump Lake area and from the early 1980's on the Microgold Property." and "Hole TSL-09-02 targeted the extensive silicified West Zone.(within BAGEE Claim Group). The clay and carbonate altered volcanics are in fault contact. Malachite was observed on fractures near the end of the hole. All assay intervals contain very low gold values up to 381 ppb Au."..

"Recorded mineral exploration history in the Stump Lake area dates from the late 1800's. Narrow quartz veins at Mineral hill, southeast of Stump Lake, were mined primarily between 1916 and 1941. Total production is reported as 70395 tonnes averaging 3.74 grams per tonne gold, 111.75 grams per tonne silver, 0.03% copper, 1.42% lead, and 0.24% zinc. A small quantity of scheelite was recovered by re-working the tailings during the Second World War. During the 1960's and 1970's, sporadic base metal-oriented exploration targeted areas west and northwest of the Microgold Property. Most of this work investigated copper and coppermolybdenum showings along the fault contact between the Nicola Horst and the regional volcanic assemblages."

In 2011 Commander Resources Ltd. conducted work on their Stump Lake gold property located 2 km. north of BAGEE...."Scattered showings of a gold-bearing breccia unit were initially identified over a 1.2 kilometre strike length in limited outcrop with gold values ranging from 0.5 to 6 g/t Au. Recent work has now extended the srike length of gold mineralization to over two and a half (2.5) kilometres." And "The breccia bodies have been emplaced at the western margin of a block of Triassic Nicola volcanics, a fault-bounded uplift that juxtaposes older, arcrelated volcanics with younger (Upper Cretaceous) granitoid intrusives. The Moore Creek Fault forms the western boundary of the block less than one kilometre from the Stump lake Showings. Preliminary interpretation of regional magnetic data indicates a series of small intrusives underlie the gold prospective area." News Release September 13, 2011, Commander Res Ltd.

The BAGEE Claim Group was acquired by online staking by the Author and Current Owner. Tenure 1015833 was acquired by online staking January 09, 2013, 1016381 and 1016386 were acquired on January 28, 2013. Subsequent to the field work being conducted Tenure 1016386 has lapsed.



Figure 5 . Commander Resources Ltd. Gold Discovery Anderson Lake / BAGEE area







Figure 7 TOTEM Minerals Inc. Gossan Alteration 2006

#### **SUMMARY OF WORK DONE 2014**

The Tenure Numbers in the BAGEE CLAIM GROUP on which work was performed:

Prospecting was conducted on 1016381on October 12, 2014.

One (1) field day was spent on the BAGEE CLAIM GROUP project, including prospecting and travelling to and from the property. One (1) day was spent researching reference material, and a further one (1) day was spent compiling data, drafting and writing this report.

Figure 8 Sample Locations Area



#### 2014 WORK PROGRAM

**Sampling Program -** The author was on the BAGEE Claim Group in October 2014 to select rock samples for verification of the reported mineralization and geology on the Property. Ten (10) grab samples were taken from 10 different sites. Three (3) grab samples were submitted for assay.

Tabla I	Doutionlong	of Croh	Complea tol	on hy F	IIEDDECK	(2012) D	ACEE Claim	Chann
<i>I uvie 1</i> .	r al uculai s	of Grad	Samples lar	ten by E	LLENDEUN	(2013) D.	AGEE Clain	I GLOUP

LOCATION	UTM LO	OCATION	DESCRIPTION				
/ SAMPLE #			All OUTCROP unless indicated				
BAG-1-14	0684911	5581870	Altered Granitic with pyrite cubes				
BAG-2-14	0684929	5581856	Dark grey to black Volcanic with Fe staining				
BAG-3-14 *	0684930	5581845	Granite-fine grained-tan to reddish – 3.23% Fe				
BAG-4-14	0684931	5581848	Dark grey to black Volcanic with heavy Fe staining				
BAG-5-14	0684943	5581791	Very Hard Siliceous fine grained - gray				
BAG-6-14 *	0684916	5581907	Altered grey-green volcanic - Iron Stained – 4.35% Fe				
BAG-7-14	0684954	5581789	Volcanic – grey with quartz veinlets				
BAG-8-14 *	0685145	5581840	Granitic- fine grained with quartz veining – 1.57% Fe				
BAG-9-14	0685145	5581840	Granitic- fine grained with quartz veining				
BAG-10-14	0684926	5581881	Highly altered Granitic with Fe staining - Gossan				

#### FIGURE 9 LOCATION AND TYPICAL ROCK PICTURE (1 of 10)

**BAG -1-14** 







BAG-3-14



Page **13** of **31** 

BAG-4-14



BAG-5-14





**BAG-6-14** 

BAG-7-14



**BAG-8-14** 

BAG-9-14



#### **BAG-10-14**



#### SUMMARY OF REGIONAL AND PROPERTY GEOLOGY

#### **REGIONAL GEOLOGY**

From Drilling Report on the Stump Lake Project (Microgold), TOTEM Minerals Inc. October 31, 2009 J. T. SHEARER, M.Sc, P.Geo. Consulting Geologist. The Microgold property include the present day BAGEE Claim Group.

The geology of the area surrounding Nicola Lake, including Stump Lake, has been mapped on a regional scale several times since 1896, starting with a classic study by G. M. Dawson. Mapping at a scale of 1:253440 was completed by Cockfield (GSC) in 1948 followed by more detailed mapping of selected areas in the 1960's and 1970's. A new regional map sheet was compiled by Monger and McMillan (GSC) in 1984. Geological mapping in 1988 and 1989, in conjunction with the LITHOPROBE multidisciplinary earth science project based on seismic surveys, was published by the BC government as Open File 1990-29 "Nicola Lake Region Geology and Mineral deposits" by J. M. Moore et.al. Regional geology is shown on Figure 4, after Gamble (1985), modified from Moore's work.

The area north of Stump Lake is underlain by mafic volcaniclastic rocks of the Late Triassic Nicola Group. These are bordered on the west by the Triassic Nicola Horst complex, unconformably overlain on the east by Eocene clastic and volcanic rocks of the Kamloops group, and obscured on the north by Miocene olivine basalts. Small tertiary intrusions of mainly intermediate composition have been noted and a small Tertiary sedimentary basin occupies a structural depression at the south end of Kullagh Lake. Structurally, the area is dominated by major faults trending north to northeasterly. The Quilchena-Moore Creek fault system, which marks the eastern edge of the Nicola Horst, passes a few kilometres west of the Microgold Property. This 015° trending system can be traced for at least 50km and has been tentatively dated as Tertiary. To the east, the contact of the Nicola and Kamloops formations is marked by the 345° trending Stump Lake fault which cuts along the eastern side of the Microgold claim block and appears to coalesce with the Quilchena-Moore Creek fault a few kilometres north of the property. South of Stump Lake, the Stump Lake fault curves westerly, joining the Quilchena fault at the northeast end of Nicola Lake. This fault-bounded, 25km long elliptical block of mainly Nicola Group rocks is cut by numerous northerly and northeasterly trending faults. The recently expanded Microgold property covers nearly 10km of this block. Previous workers have suggested that the polymetallic sulphide assemblages mined at Mineral Hill are mesothermal equivalents of the epithermal gold-bearing quartz veins north of Stump Lake and postulated the presence of a fault structure coincident with the lake or a syncline bordering and parallel to the north shore of Stump Lake.

#### LOCAL GEOLOGY

#### Triassic

The property is underlain mainly by Triassic 'Nicola' Group intermediate to mafic volcaniclastic rocks. This package consists of augite porphyry, red and green pyroclastics and maroon (hematitic) conglomerates. The most common Rock type on the property is an andesitic flow breccia.

This typical 'Nicola' package, with an apparent slight increase in sedimentary component, extends to the West zone area (BAGEE Claims) where argillite, occasionally graphitic, is found interbedded with tuffs.

#### Alteration (Gossan Alteration Figure 7)

Silicification, generally as chalcedony, is widespread, occurring as finely laminated veins or brecciated veins. Chalcedony veins are extensive and persistent. Individual veins, of which flat lying examples are the strongest, can be traced for more than 250 metres, with thickness to 2m. Exact relationships between flat and vertical veins are unclear, although this is obviously a multi-episodic system. Within veins and breccia zones, minor pyrite is the only common sulphide. Fluorite, a common accessory mineral in epithermal systems, is found both within veins as fine laminations and along selvages, in amounts up to 10% of the vein material. One of the main features of the Microgold Zone in the Kullagh Lake area is a broad 'X' shaped, gossanous, bleached alteration envelope, probably controlled by two main structures. Trending 010° and 080°, two limbs of the 'X' intersect at the south end of the south extension of Kullagh Lake. BP drill holes C-85-9,13 and 15, all with estimated secondary silica greater than 10% and the highest average gold values on the property, are located within the intersection zone. The presence of secondary silicification in Eocene sediments dates at least some of the alteration and mineralization events as late Tertiary.

The epithermal mineralization features at the Microgold (BAGEE) property has attracted the attention of numerous epithermal-oriented exploration geologists and companies. The alteration on the property is believed to be above the boiling zone in a hydrothermal system and hence above the zone of deposition of precious metals. The relative abundance of alteration, in particular potassium feldspar and fluorite alteration in the surface exposures has encouraged previous near surface exploration.



Figure 10 BAGEE CLAIM GROUP Local and Regional Geology



#### SUMMARY OF REGIONAL AND PROPERTY GEOLOGY (.....continued)

Prospecting on the three (3) claim BAGEE Claim Group confirmed the presence of basaltic – andesitic volcanic rocks and altered Gossan Alteration in the Work Area.

Elevated levels of Zn were found in BAG-3-14, BAG-6-14, BAG-8-14.

LOCATION	UTM LO	OCATION	DESCRIPTION
/ SAMPLE #			All OUTCROP unless indicated
BAG-1-14	0684911	5581870	Altered Granitic with pyrite cubes
BAG-2-14	0684929	5581856	Dark grey to black Volcanic with Fe staining
BAG-3-14 *	0684930	5581845	Granite-fine grained-tan to reddish – 3.23% Fe
BAG-4-14	0684931	5581848	Dark grey to black Volcanic with heavy Fe staining
BAG-5-14	0684943	5581791	Very Hard Siliceous fine grained - gray
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BAG-7-14	0684954	5581789	Volcanic – grey with quartz veinlets
BAG-8-14 *	0685145	5581840	Granitic- fine grained with quartz veining – 1.57% Fe
BAG-9-14	0685145	5581840	Granitic- fine grained with quartz veining
BAG-10-14	0684926	5581881	Highly altered Granitic with Fe staining - Gossan

Table I. Particulars of Grab Samples taken by ELLERBECK (2014) BAGEE Claim Group

The BAGEE Claim Group covers an area of 438 hectares located 60 kilometres south of Kamloops, BC and 325 km. east-northeast of Vancouver. Within 15 kilometres of Kamloops two past producing mines have been re-explored, and are developed mineral resources.

The NEWGOLD (New Afton) mineral reserves are reported as 4.8 million ounces gold, 54.7 million ounces of silver, and 2.75 billion pounds of copper. The AJAX mine, is reportedly scheduled for production in early 2015 at 60,000 tonnes per day for a 23 year mine life. The Ajax mineral resource is reported at 365 million tonnes grading 0.31% copper and 0.20 grams per tonne gold.

The Highland Valley Mine, located 39 kilometres west of the BAGEE Claim Group, has been in production since 1983 and is processing 120,000 to 130,000 tonnes per day. Reported proven and probable mineral reserves as of December 31, 2011 are reported at 673,000,000 tonnes with a grade of 0.29 % copper. The Reserves are reportedly expected to support a mine life to 2026 (Teck Annual Information Report; March 5, 2012).

Both the New Afton and the Ajax mineral resources are predominantly hosted by the Late Triassic Iron Mask Batholith; a sub-volcanic multiple intrusion of dioritic to syenitic composition which lies lengthwise northwesterly for 35 kilometres long and up to 10 kilometres wide in a major cross structure of the Quesnel Trough and is emplaced in contemporaneous volcanic rocks of the Upper Triassic Nicola Group.

The Valley deposit of the Highland Valley Mine west of the BAGEE Claim Group is hosted by the Bethsaida porphyritic quartz monzonite and granodiorite phase of the Late Triassic to Early Jurassic Guichon Creek Batholith. Leriche (1996) reports that the Guichon Creek Batholith is internally divided into segments by northerly and northwest to westerly trending structures where both fault sets played important roles in localizing mineralization.

The Guichon Creek Batholith and Nicola Group rocks are host to several types of copper deposits including the world-class porphyry deposits at Highland Valley within the central portion of the Batholith, the skarn deposits at the former Craigmont Mine hosted by Nicola aged limestones at the south end of the Batholith (5 km north of the LAW Claim Group), and the Getty copper oxide/porphyry deposits hosted by the Guichon Batholith.

#### TECHNICAL DATA AND INTERPRETATION

Table II. Summarized Assay Results- Grab Samples-Ellerbeck (2014) – BAGEE Claim Group

Sample	Туре	Cu ppm	Pb ppm	Zn ppm	Au ppm	Ag ppm	Mo ppm
BAG-3-14	Grab	12	7	67	< 0.005	< 0.20	1
BAG-6-14	Grab	18	3	89	0.005	< 0.20	<1
BAG-8-14	Grab	6	<2	65	< 0.005	<0.20	<1

#### PURPOSE

In October 2014 a prospecting program was completed on Tenures **1016381** of the three (4) claim BAGEE Claim Group.

The purpose of the prospecting program was to locate, if possible, and examine some historically referenced showings and workings, including if possible, old drill sites and to prospect the Work Area to examine outcrops and showings of significance.

Information for this report was obtained from sources as cited under Selected References and from a property examination made on October 12, 2014.

#### ASSAY RESULTS of Rock Samples:

BAG-3-14: Large Outcrop – light tan - altered Gossan Alteration.; Elevated Zn. 3.23% Fe.

BAG-6-14: Altered grey-green volcanic – Gossan alteration – iron stained. Need detailed mapping and rock assay of outcrops – significant extent of outcrop; Elevated Zn. 4.35% Fe.

BAG-8-14: Granitic with White Quartz veining. 1.57% Fe. Elevated Zn; Needs tight grid established for soils and prospecting in area – find other granitic/quartz vein/intrusions;

#### **PROSPECTING RESULTS - Outcrops**

Sample 1: confirmed local/property and regional geological mapping; Sample 2: confirmed local/property and regional geological mapping; Sample 3: confirmed local/property and regional geological mapping; Sample 4: confirmed local/property and regional geological mapping; Sample 5: confirmed local/property and regional geological mapping; Sample 6: confirmed local/property and regional geological mapping; Sample 7: confirmed local/property and regional geological mapping; Sample 8: confirmed local/property and regional geological mapping; Sample 8: confirmed local/property and regional geological mapping; Sample 9: confirmed local/property and regional geological mapping; Sample 10: confirmed local/property and regional geological mapping;

#### INTERPRETATIONS AND CONCLUSIONS

The reported presence of mineralization in historic ARIS assessment report references, AR31316 (see Fig. 7) was confirmed against field encountered outcroppings during the October 12, 2014 prospecting program. Gossan altered rocks were encountered. The presence of mineralization within the BAGEE Claim Group was confirmed by the assay

results from Rock Samples BAG-3-14, BAG-6-14 AND BAG-8-14.

Elevated values of Zn and Fe in Rock Samples warrant further detailed investigation.

#### SUMMARY AND RECOMMENDATIONS

The BAGEE Claim Group is geologically conducive to hosting mineral bearing rock, contains reportedly the occurrence of similar geological features to the Past Producer Enterprise Mine at Stump Lake (immediately adjacent the south boundary of BAGEE Claim Group), and has reported Au content in a Diamond Drill Hole contained within the BAGEE Claim Group. *Drilling Report on the Stump Lake Project (Microgold), ARIS 31316, TOTEM Minerals Inc. October 31, 2009 J. T. SHEARER, M.Sc, P.Geo. Consulting Geologist.* 

In addition, Commander Resources Ltd in 2011 announced the discovery of a significant goldbearing structure just 2.5 km North of the Northern boundary of the BAGEE Claim Group. Within Commander, scattered showings of a gold-bearing breccia unit were initially identified over a 1.2 kilometre strike length in limited outcrop with gold values ranging from 0.5 to 6 g/t Au. Recent work has now extended the srike length of gold mineralization to over two and a half (2.5) kilometres.

Therefore it is recommended by the Author that a comprehensive prospecting plan be created and executed in the field as soon as practical in order to confirm and map the extent of the Gossan Alteration Zone and to confirm and map the extent of the Enterprise Mine – Stump Lake geology within the BAGEE Claim Group.

#### **ITEMIZED COST STATEMENT for BAGEE CLAIM GROUP PROSPECTING 2014**

Exploration Work type	Comment	Days			Totals
<b>PROSPECTING &amp; EXPLORATIO</b>	BAGEE CLAIM GROUP				
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Ken Ellerbeck / Owner	October 12, 2014	1	\$400.00	\$400.00	
Q. Ellerbeck / Helper	October 12, 2014	1	\$200.00	\$200.00	
		0	\$0.00	\$0.00	
		0	\$0.00	\$0.00	
		0	\$0.00	\$0.00	
		0	\$0.00	\$0.00	
				\$600.00	\$600.00
Office Studies	List Personnel (note - Office o	nly, do no	ot include	field days	
Literature search	Ken Ellerbeck	0.5	\$400.00	\$200.00	
Database compilation	Ken Ellerbeck	0.5	\$400.00	\$200.00	
General research	Ken Ellerbeck	0.5	\$400.00	\$200.00	
Report preparation	Ken Ellerbeck	1.0	\$400.00	\$400.00	
Other (specify)				\$0.00	
				\$1,000.00	\$1,000.00
Ground Exploration Surveys	Area in Hectares/List Personnel				
Prospect	see Personnel Field Days				
Underground					
Trenches				\$0.00	\$0.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Soil	ALS MINERALS Vancouver	0.0	\$0.00	\$0.00	
Rock	ALS MINERALS Vancouver	3.0	\$40.00	\$120.00	_
				\$120.00	\$120.00
Transportation		No.	Rate	Subtotal	
KM Kamloops-property-return	October 12, 2014	200.00	\$0.95	\$190.00	
KM Kamloops-property-return			\$0.95	\$0.00	
To Assay Lab - Return		25.00	\$0.95	\$23.75	
				\$213.75	\$213.75
Accommodation & Food	Rates per day				
Hotel			\$0.00	\$0.00	
Camp			\$0.00	\$0.00	
Meals	2 man-days @\$30/day	2.00	\$30.00	\$60.00	
				\$60.00	\$60.00
Miscellaneous					
Telephone			\$0.00	\$0.00	
Other (Specify)					
				\$0.00	\$0.00
Equipment Rentals					
Field Gear (Specify)			\$0.00	\$0.00	
Other (Specify)					
				\$0.00	\$0.00
Freight, rock samples					
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$0.00	\$0.00
TOTAL Expenditures					\$1,993.75

#### STATEMENT OF AUTHOR'S QUALIFICATIONS

#### STATEMENT OF AUTHOR'S QUALIFICATIONS

#### KENNETH C. ELLERBECK, PMP

I hold a BSc in Mechanical Engineering, University of Alberta, Edmonton, 1973.

I have completed University level introductory geology courses.

I hold a Certificate in Project Management from University of British Columbia, Sauder School of Business, 2010.

I hold a Project Management Professional designation - PMP - 1391810 - 2011.

I have been actively involved in all aspects of mineral exploration since 1980 in the Province of British Columbia.

I have managed staking and exploration programs since 1980 on my own mineral tenures as well as for tenures held by both private and publicly-held junior exploration companies.

My mineral exploration experience includes staking, prospecting, trenching, trench mapping, line cutting and grid construction, geochemical surveys, geophysical surveys, diamond drilling supervision and general exploration program supervision.

SIGNED

KENNETH C. ELLERBECK

#### LIST OF SELECTED REFERENCES

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**ADOBE PHOTOSHOP 7.0** PAINT for WINDOWS ARIS MAPBUILDER – Map Data downloads Imap BC – Map Data downloads MtOnline - MINFILE downloads.



KEN ELLERBECK

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

CERTIFICATE KL14173159

#### To: KEN ELLERBECK **255 WEST BATTLE STREET KAMLOOPS BC V2C 1G8**

ALS CODE

WEI-21

LOG-22

CRU-QC

PUL-QC

CRU-31

SPL-21

PUL-31

ALS CODE

ME-ICP41

Au-AA23

Page: 1 Total # Pages: 2 (A - C) Plus Appendix Pages Finalized Date: 1-DEC-2014 Account: ELLERK

INSTRUMENT

ICP-AES

AAS

SAMPLE PREPARATION

ANALYTICAL PROCEDURES

DESCRIPTION

DESCRIPTION

Au 30g FA-AA finish

**Crushing QC Test** 

**Pulverizing QC Test** 

**Received Sample Weight** 

Sample login - Rcd w/o BarCode

Fine crushing - 70% < 2mm

Split sample - riffle splitter

Pulverize split to 85% < 75 um

35 Element Aqua Regia ICP-AES

# APPENDIX **\_**

KEN ELLERBECK

BAGEE

**CLAIM GROUP** 

EVENT #

5536787

This report is for 12 Rock samples submitted to our lab in Kamloops, BC, Canada on 20-NOV-2014. The following have access to data associated with this certificate:

**KEN ELLERBECK** 

To: KEN ELLERBECK ATTN: KEN ELLERBECK

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 \*\*\*\*\*

**255 WEST BATTLE STREET** KAMLOOPS BC V2C 1G8

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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#### CERTIFICATE OF ANALYSIS KL14173159

	CERTIFICATE COMMENTS										
Applies to Method:	LABORATORY ADDRESSES   Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.   CRU-31 CRU-QC LOG-22 PUL-31										
Applies to Method:	PUL-QC Processed at ALS Vancouver located a Au-AA23	SPL-21 It 2103 Dollarton Hwy, North Vancouve ME-ICP41	WEI-21 er, BC, Canada.								

KEN ELLERBECK

February 07, 2015

KEN ELLERBECK

BAGEE CLAIM GROUP

# **APPENDIX 2** ASSAY RESULTS

Page: 2 - A Total # Pages: 2 (A - C) Plus Appendix Pages Finalized Date: 1-DEC-2014 Account: ELLERK

To: KEN ELLERBECK **255 WEST BATTLE STREET KAMLOOPS BC V2C 1G8** 

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indicia	.3								C	ERTIFIC	CATE O	F ANAL	YSIS	KL141	73159	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 AI % 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
LD2 LD3 LD4 Sack 3 Sack 4		0.91 0.54 0.50 1.02 0.79	<0.005 <0.005 <0.005 <0.005 <0.005	0.4 1.0 0.5 <0.2 <0.2	0.23 0.30 0.36 0.65 0.71	14 59 8 <2 <2	<10 <10 <10 <10 <10	60 220 810 40 60	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2 <2 <2	23.2 18.0 0.44 0.39 0.41	6.2 2.7 <0.5 <0.5 <0.5	<1 2 3 4 4	2 3 3 10 9	13 19 18 10 9	0.64 1.09 2.01 1.27 1.36
Sack 5 Bag - 3-14 Bag - 6-14 Bag - 8-14 M-5-14 0300629 563	2837	1.36 0.89 0.47 0.80 2.01	<0.005 <0.005 0.005 <0.005 <0.005	0.3 <0.2 <0.2 <0.2 1.7	3.01 1.75 2.34 1.04 0.19	<2 4 <2 <2 <2	<10 <10 <10 <10 <10	110 50 100 180 30	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 2 6	3.74 3.15 3.79 0.28 0.03	<0.5 <0.5 <0.5 <0.5 <0.5	19 5 9 4 <1	18 4 7 8 5	91 12 18 6 6	5.87 3.23 4.35 1.57 0.41
M-3-14 0300616 563 M-1-14 0300594 563	12823	0.89 0.99	<0.005 <0.005	0.5 12.2	0.24	<2 <2	<10 <10	50 <10	<0.5 <0.5	<2 51	0.01 <0.01	<0.5 <0.5	<1 <1	5 13	9 4	0.91 0.58



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#### To: KEN ELLERBECK 255 WEST BATTLE STREET KAMLOOPS BC V2C 1G8

Page: 2 - C Total # Pages: 2 (A - C) Plus Appendix Pages Finalized Date: 1-DEC-2014 Account: ELLERK

									CERTIFICATE OF ANALYSIS	KL14173159
Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2		
LD2 LD3 LD4 Sack 3 Sack 4		<20 <20 <20 <20 <20	<0.01 <0.01 <0.01 0.08 0.12	<10 10 <10 <10 <10	<10 <10 <10 <10 <10	17 23 3 25 34	<10 <10 <10 <10 <10	342 327 50 41 45		
Sack 5 Bag - 3- 14 Bag - 6- 14 Bag - 8- 14 M- 5- 14 0300629 563	32837	<20 <20 <20 <20 <20	0.20 <0.01 0.01 0.12 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	183 16 32 37 2	<10 <10 <10 <10 <10	105 67 89 65 11		
M-1-14 0300594 563	32856	<20	<0.01	<10	<10	1	10	17		

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



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minera	IS	ME-ICP41 M Ga ppm 10			ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	CERTIFICATE OF ANALYSIS KL141731					73159	9	
Sample Description	Method Analyte Units LOR		ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01					ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
LD2 LD3 LD4 Sack 3 Sack 4		<10 <10 <10 <10 <10	<1 <1 <1 <1 <1	0.02 0.06 0.26 0.16 0.47	<10 <10 10 10 10	0.32 0.25 0.04 0.46 0.51	3970 4690 457 338 325	41 108 2 <1 <1	0.01 0.01 0.06 0.07	<1 1 2 7 6	130 180 730 700 820	134 67 10 2 2	0.03 0.16 0.36 0.01 0.01	8 6 2 <2 <2	1 2 3 2 2	78 82 25 23 18
Sack 5 Bag - 3-14 Bag - 6-14 Bag - 8-14 M-5-14 0300629 5633	2837	10 <10 10 10 <10	1 <1 <1 <1	0.32 0.14 0.16 0.72 0.09	<10 10 10 10 <10	2.28 1.06 1.47 0.56 0.02	1155 664 702 450 22	<1 1 <1 <1 1	0.03 0.03 0.03 0.06 0.05	15 6 5 1	1880 710 930 970 50	<2 7 3 <2 24	0.16 0.11 0.03 0.01 0.01	<2 <2 <2 <2 <2 <2	12 4 7 3 <1	79 54 47 18 16
M-3-14 0300616 563; M-1-14 0300594 563;	2823 2856	<10 <10	<1 <1	0.10 0.01	<10 <10	0.02	23 23	1 2	0.04	1	120 10	13 41	0.03 0.19	<2 <2	<1 <1	16 <1

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