TITLE PAGE



BC Geological Survey Assessment Report 37582



Ministry of Energy, Mines & Petroleum Resources Mining & Minerals Division BC Geological Survey

Assessment Report Title Page and Summary

TYPE OF REPORT [type of survey(s)]: TECHNICAL - PROSPECTING	TOTAL COST: \$2498.55
AUTHOR(S): KEN ELLERBECK	SIGNATURE(S):
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):	YEAR OF WORK: 2018
STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S):	Event 5697867 MAY 21, 2018
PROPERTY NAME: BRASSIE CREEK	
CLAIM NAME(S) (on which the work was done): 1050121 BRASSIE J	DIN
COMMODITIES SOUGHT: Au Ag Pb Zn Cu	
MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092INW018	
MINING DIVISION: KAMLOOPS	NTS/BCGS: 921.075
LATITUDE: 50 ° 44 '28.1 " LONGITUDE: -121	o 1 '15.7 " (at centre of work)
OWNER(S): 1) KEN ELLERBECK	2)
MAILING ADDRESS: 255 BATTLE STREET WEST KAMLOOPS BC V2C 1G8	
OPERATOR(S) [who paid for the work]: 1) KEN ELLERBECK	2)
MAILING ADDRESS: 255 BATTLE STREET WEST KAMLOOPS BC V2C 1G8	
PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, Limestone, Marble, Diorite, Basalt, Skarn, Magnetite, Hematite,	
Skarn-type magnetite-copper mineralization, Skarn, Silicification	, Oxidation
Massive, Vein, Disseminated Skarn, Industrial Min. Type: K03: F	e skarn, K02: Pb-Zn skarn
Cu Zn Pb Silver, Gold, Iron, Magnetite.Upper Triassic Nicola Un	defined Formation riassic-Jurassic Guichon Creek Batholith
REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT R	EPORT NUMBERS:
2476, 2772, 2773, 3506, 3743, 5730, 7531, 10148, 13329, 2162	5, *24809, 25285, 25502

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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			
Photo interpretation			
GEOPHYSICAL (line-kilometres) Ground			
Magnetic			
Induced Polarization			
Seismic			
Airborne			
GEOCHEMICAL (number of samples analysed for)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area) 200M >		1050121	\$2498.55
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/t	rail		
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	\$2498.55

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KEN ELLERBECK

(Owner & Operator)

TECHNICAL EXPLORATION REPORT

(Event 5697867)

PROSPECTING and EXPLORING

Work done on

Tenures 1050121

of the 4 Claim

BRASSIE CLAIM GROUP

Kamloops Mining Division BCGS Maps 0921.075

Centre of Work UTM 10 639632E 5622901N

AUTHOR KEN ELLERBECK, PMP

REPORT SUBMITTED

June 20, 2018

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INTRODUCTION PURPOSE

In May 2018, a prospecting program was completed on Tenure 1050121 of the 4 Claim BRASSIE CLAIM GROUP. The purpose of the prospecting program was to locate, if possible, historic reported geological features (typical Cu, Au, Ag bearing 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 May 06, 2018.

ACCESS AND LOCATION

Road access to the Property from Kamloops is westward via Highway #1 for 40 kilometres to the Wallachin junction. Tenure 105021, is six (6) kilometres south of the junction and is accessible via a series of graveled and dirt roads and crossing the Thompson River and both the Canadian National Railroad main line and the Canadian Pacific Railway railroad main line from Vancouver to Kamloops and beyond. Secondary roads provide access to the northern and the southern portions of the Property.

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 Brassie Claim Group light to moderate snow cover on the ground could be from December to April and would not hamper a year-round exploration program.

Kamloops, an historic mining center 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

BRASSIE Claim Group

Tenures were acquired by staking by the Owner. *Good Until dates are after assessment filed.

Title Number	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days For- ward	Area in Ha	Applied Work Value	Sub- mission Fee
1039494	1014024 East	2012/OCT/27	2019/FEB/01	2019/DEC/08	310	81.79	\$ 1088.53	\$ 0.00
1039496	1011864 Brassie	2011/OCT/26	2019/FEB/01	2019/DEC/08	310	40.91	\$ 694.57	\$ 0.00
1050121	BRASSIE JOIN	2017/FEB/18	2019/FEB/01	2019/DEC/08	310	102.26	\$ 434.25	\$ 0.00
1056913	BRASSIE WESTOF	2017/DEC/08	2018/DEC/08	2019/DEC/08	365	40.91	\$ 204.53	\$ 0.00

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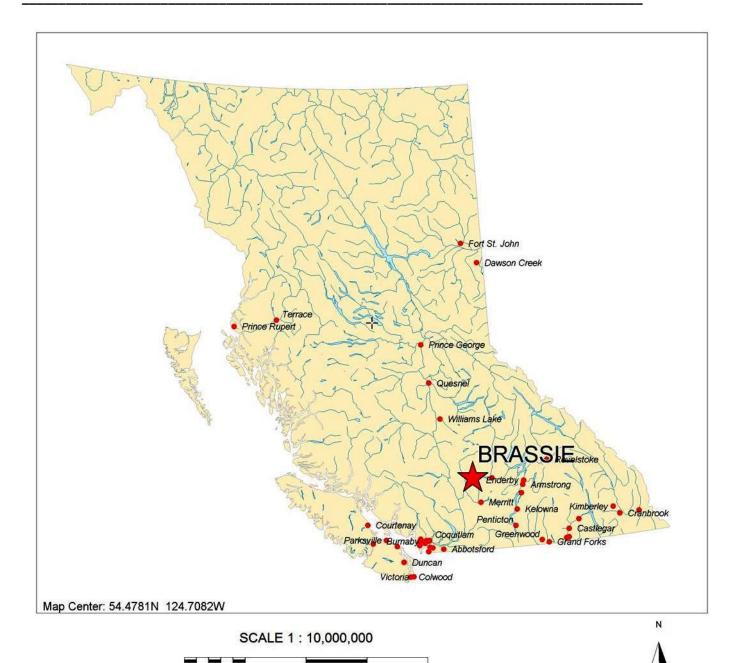


Figure 1 BRASSIE CLAIM LOCATION MAP

100

MILES

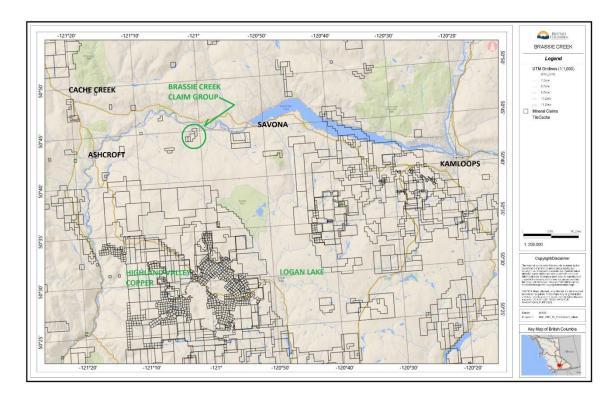
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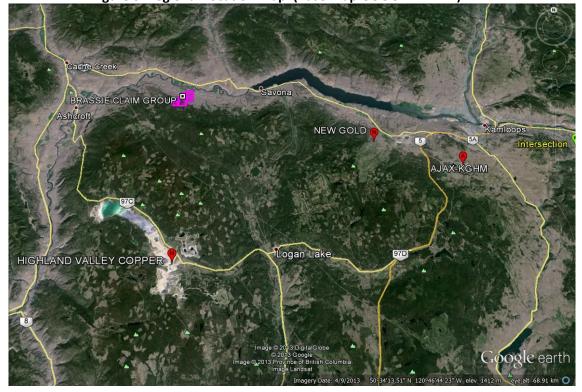
300

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Figure 2 BRASSIE CLAIM LOCATION MAP

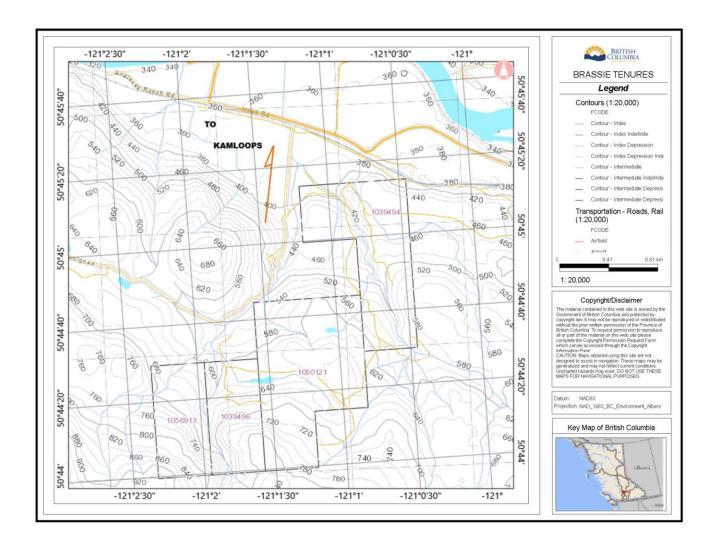






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Figure 4 BRASSIE Claim Map and Index Map - UTM 10 - iMapBC



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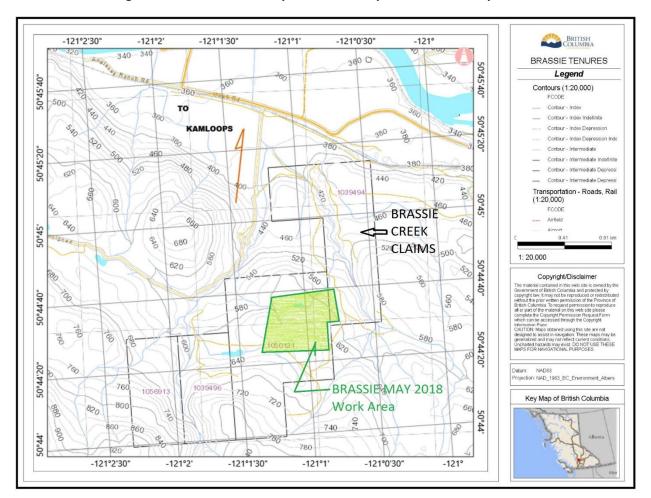


Figure 4 BRASSIE Claim Map and Index Map - UTM 10 - iMapBC

HISTORY

Exploration by others on land near the current BRASSIE Claim Group has been reported. Brassie Claim Group was acquired by online staking by the Author and Current Owner. Tenure 1039494 was acquired October 27, 2012, Tenure 1039496 was acquired October 26, 2011. Tenure 1050121 was acquired February 18, 2017. Tenure 1056913.

In 2012 a Geological Assessment report (AR33229) was filed covering Structural Analysis conducted on areas contained in the current claims. Prospecting was conducted on areas within the current tenures in September 2013 (AR 34217).

Mineral File Number: 092INW055 Name: CHIEF Mineral File Number: 092INW061 Name: WAL

Mineral File Number: 092INW018 Name: BRASSIE CREEK

The above MINFILE occurrences are within the BRASSIE CLAIM GROUP.

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From Sookochoff Consultants Inc. August 26, 2012;

BRASSIE CREEK prospect (Fe skarn: Pb-Zn skarn)

MINFILE 092INW018; Within Tenure 1039496

Previous work consisted of a VLF-EM survey, induced polarization survey, geological mapping, three diamond-drill holes totalling 230 metres and a ground magnetometer survey in 1970-71 on behalf of Supertest Investments and Petroleum Ltd. BP Minerals diamond drilled six holes in 1973 but no report was filed. Between the period 1974 to 1987, work on behalf of Bethlehem Copper Corporation, BP Minerals Limited, Ninja Resources Ltd., MineQuest Exploration Associates Ltd. and QPX Minerals Inc., consisted of ground and/or airborne electromagnetic and magnetic surveys, induced polarization surveys, percussion drilling, soil geochemistry and geological mapping mainly focused on the Chief (092INW055) claims area which were adjacent to the Geo claims (now called the Brassie Creek showing). In 1991, geological mapping was carried out on the Brassie Creek showing area on behalf of Amex Exploration Services Ltd. In 1996 and 1997, geological mapping, soil geochemistry, IP and magnetic surveys were carried out on behalf of Christopher James Gold Corp. on the Brassie Creek property. The property was drilled in 1998 where the first hole drilled intersected 3.62 metres grading 11.02 grams per tonne silver, 0.24 per cent copper and 5.9 per cent zinc. A 2.35-metre interval above this intersection yielded 1.24 grams per tonne gold (Press Release, Christopher James Gold Corp., June 10, 1999). The first hole intersected 14 metres grading 0.23 gram per tonne gold, 7.25 grams per tonne silver, 0.24 per cent copper and 1.9 per cent zinc.

CHIEF showing (Alkalic porphyry Cu-Au)

MINFILE 092INW055; Within Tenure 1039494

Previous work on the Geo claims (now called Brassie Creek (092INW018) and which adjoined the Chief claims) consisted of a VLF-EM survey, induced polarization survey, geological mapping, three diamond-drill holes totalling 230 metres and a ground magnetometer survey in 1970-71 on behalf of Supertest Investments and Petroleum Ltd. BP Minerals diamond drilled 6 holes in 1973 but no report was filed. Between the period 1974 to 1987, work on the Chief property on behalf of Bethlehem Copper Corporation, BP Minerals Limited, Ninja Resources Ltd., MineQuest Exploration Associates Ltd. and QPX Minerals Inc. consisted of ground and/or airborne electromagnetic and magnetic surveys, induced polarization surveys, percussion drilling, soil geochemistry and geological mapping.

WAL showing (Porphyry Cu +/- Mo +/- Au)

MINFILE 092INW061; Within Tenure 1039494

A six-hole, 597 metre percussion drilling program was carried out in 1979 by Bethlehem Copper Corporation on the Wal property in order to assess the mineral potential around the periphery of a gossan and to attempt to intersect a mineralized intrusive breccia (Chief, 092INW055) which crops out on the west bank of a creek near the south part of the Wal claim. Hole W-79-1, the northernmost hole, was drilled in the bed of a creek north of the first gossan outcrop. It intersected dark green Nicola volcanics and felsic intrusive quartz porphyry. Both units show strong pyrite mineralization with traces of chalcopyrite and malachite. Copper contents vary from 0.004 to 0.192 per cent with higher grades near the intrusive contact (Assessment Report 7736).

In 1978, Bethlehem Copper Corporation performed geological mapping, an electromagnetic survey over 5.6 kilometres and a geochemical survey.

SUMMARY OF WORK DONE 2018

Prospecting was conducted within Tenure 1050121 on May 06, 2018. (Figure 4 Index - Work Areas) to explore for reported geological features and mineral showings. Specifically, the writer was looking for evidence of some trenching carried out in 2005 by Dawson (Christopher James Gold) on areas of combined Mag High, IP interest and Cu Au geochemical.

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The trench locations had been successfully reclaimed and locating the trenches required extensive traverse of the suggested trench locations area in the 2018 Work Area. Of interest was rock outcrop adjacent the trenches, as well as any float remaining from the 2005 trenching work.

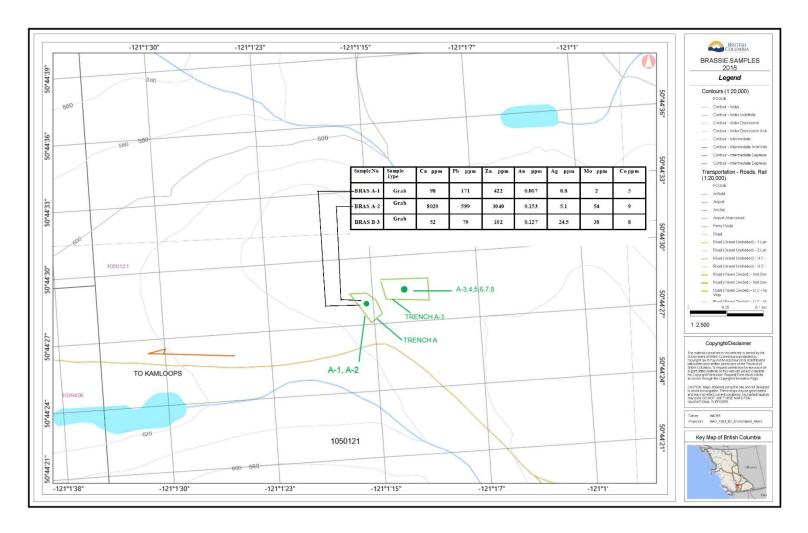
Three (3) of the locations of a 2005 trenching program were located and some float and bedrock were observed and sampled.

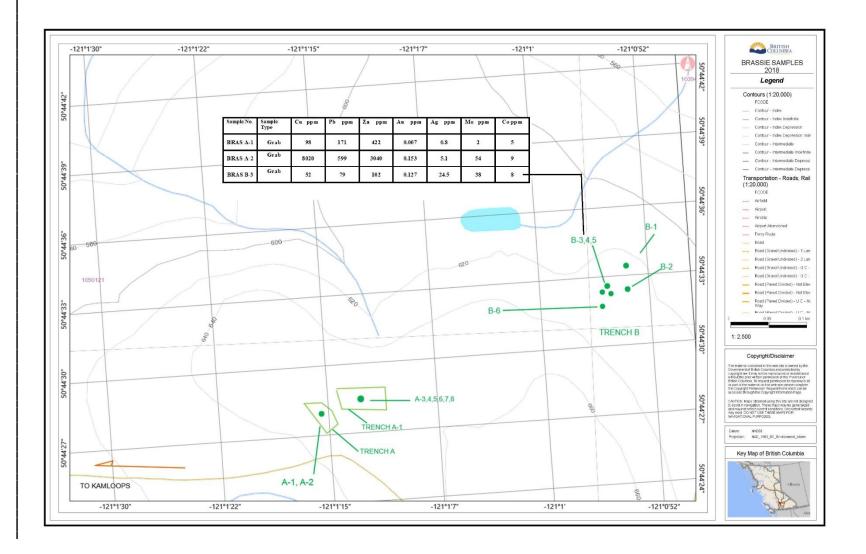
One (1) field day was spent on 1050121 including prospecting and travelling to and from the property. One (1) day was spent researching reference material, and a further two (2) days were spent compiling data, drafting and writing this report.

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EVENT # 5697867

Figure 5 Sample Location Area Maps





2018 WORK PROGRAM

Sampling Program - The author was on the BRASSIE Claim Group in May 2018 to select rock samples for verification of the reported mineralization and geology on the Property and to explore unidentified outcrops near reported 2005 Trenching.

Fourteen (14) rock grab samples were taken within the 2018 work area and three (3) grab samples were submitted for assay.

Table I. Particulars of 14 Grab Samples taken by ELLERBECK (2018) BRASSIE Group

LOCATION	UTM LO	OCATION	DESCRIPTION			
/ SAMPLE #			All OUTCROP unless indicated			
BRAS A-1 To Lab	639632	5622901	Trench "A" Skarn, Float, Hematite, extremely hard, highly altered, siliceous, garnet? No visible metal, heavy			
BRAS A-2 To Lab	639632	5622901	Trench "A" Skarn, Float, Highly altered, visible metal, magnetite, iron, spalerite, malachite stain, highly siliceous, heavy			
BRAS A-3	639655	5622911	Trench "A-1", Float, Skarn, highly altered limestone, visible metal, iron veinlets, magnetite, hematite			
BRAS A-4	639655	5622911	Trench "A-1", Float, Skarn, highly altered limestone, quartz veins, iron stain			
BRAS A-5	639655	5622911	Trench "A-1", Float, Skarn, highly altered limestone, iron stain, bleached to white/green, contact with diorite (pink/green)			
BRAS A-6	639655	5622911	Trench "A-1", Float, very heavy pink diorite? In contact with magnetite/hematite, highly siliceous			
BRAS A-7	639687	5622917	Trench "A-1", Float, very heavy, very hard, fractured, magnetite- hematite, contact with diorite, highly altered, vuggy			
BRAS A-8	639687	5622917	Trench "A-1", Float, limestone, minor iron staining			
BRAS B-1	640050	5623083	Trench "B", Diorite, gray-green, siliceous, E-W strike, 20°S dip			
BRAS B-2	640049	5623050	Trench "B", Diorite, gray-green, siliceous, E-W strike, 20°S dip, pink diorite veining			
BRAS B-3 To Lab	640040	5623040	Trench "B", Float, limestone, highly altered, iron veining, visible metal, quartz inclusions, magnetite, hematite			
BRAS B-4	640038	5623040	Trench "B", Float, rotten/crumbly, iron stain, visible metal, highly altered, accreted/conglomerate, quartz inclusions, hematite			
BRAS B-5	640026	5623040	Trench "B", Float, Diorite, quartz veining, brown/pink, homogenous			
BRAS B-6	640016	5623038	Trench "B", Float, highly altered diorite, quartz inclusions, no visible metal, contact with volcanic/andesite			

Sample No.	Sample Type	Cu ppm	Pb ppm	Zn ppm	Au ppm	Ag ppm	Mo ppm	Со ррт
BRAS A-1	Grab	98	171	422	0.007	0.8	2	5
BRAS A-2	Grab	8020	599	3040	0.153	5.1	54	9
BRAS B-3	Grab	52	79	102	0.127	24.5	38	8

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FIGURE 6 LOCATION AND TYPICAL ROCK PICTURES **BRAS A-1 TYPICAL ROCK PICTURE**



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BRAS A-2 TYPICAL ROCK PICTURE

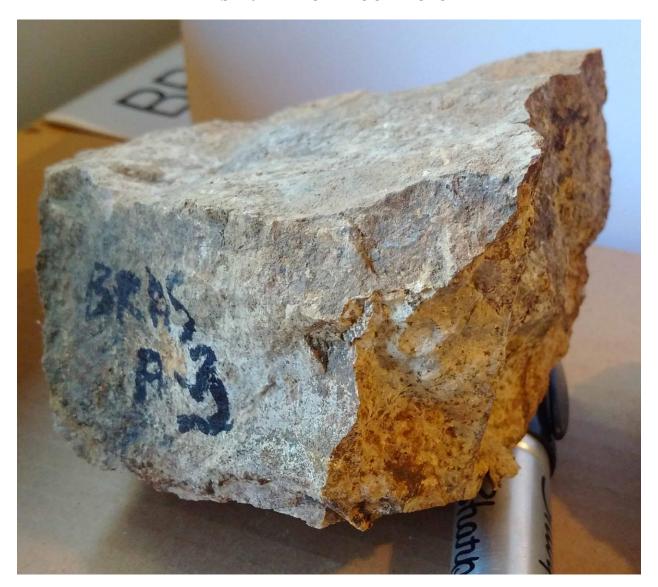


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BRAS A-3 TYPICAL ROCK PICTURE



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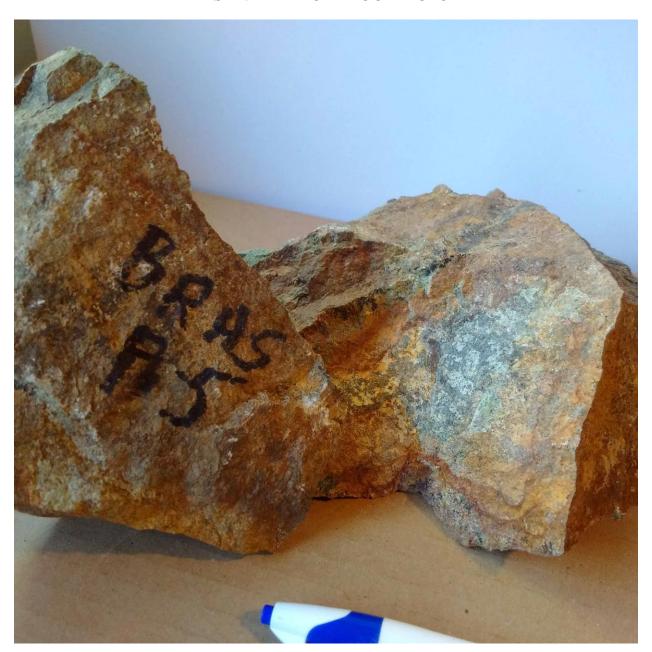
KEN ELLERBECK

BRAS A-4 TYPICAL ROCK PICTURE



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BRAS A-5 TYPICAL ROCK PICTURE



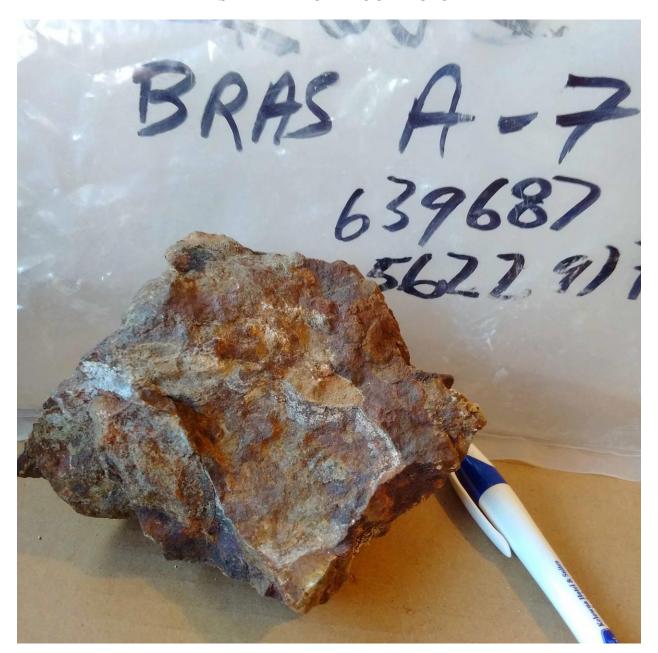
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BRAS A-6 TYPICAL ROCK PICTURE



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BRAS A-7 TYPICAL ROCK PICTURE



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BRAS A-8 TYPICAL ROCK PICTURE LIMESTONE



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LIMESTONE ABOVE TRENCH "A"



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LIMESTONE ABOVE TRENCH "A-1"



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LIMESTONE ABOVE TRENCH "A-1"



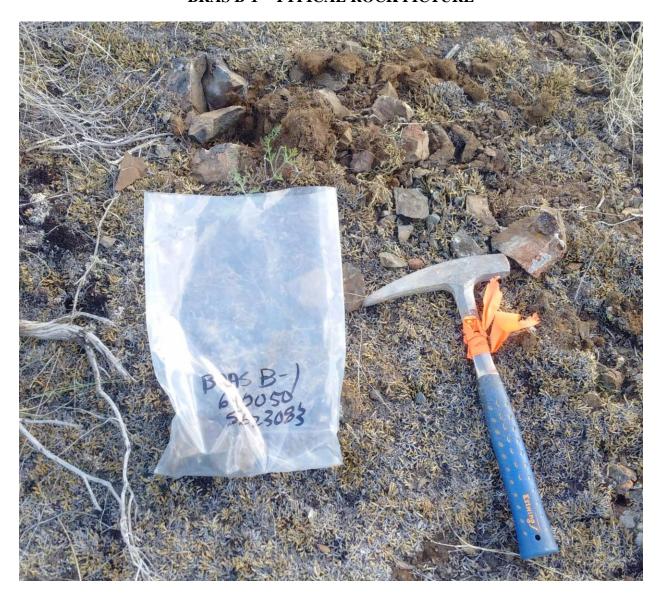
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BRAS TRENCH "B"

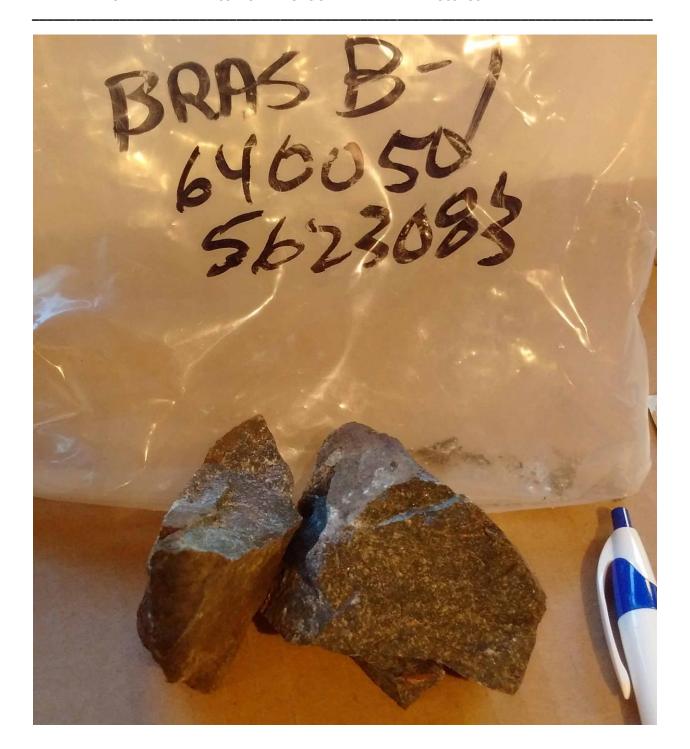


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BRAS B-1 TYPICAL ROCK PICTURE



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BRAS B-2 TYPICAL ROCK PICTURE



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BRAS B-3 TYPICAL ROCK PICTURE



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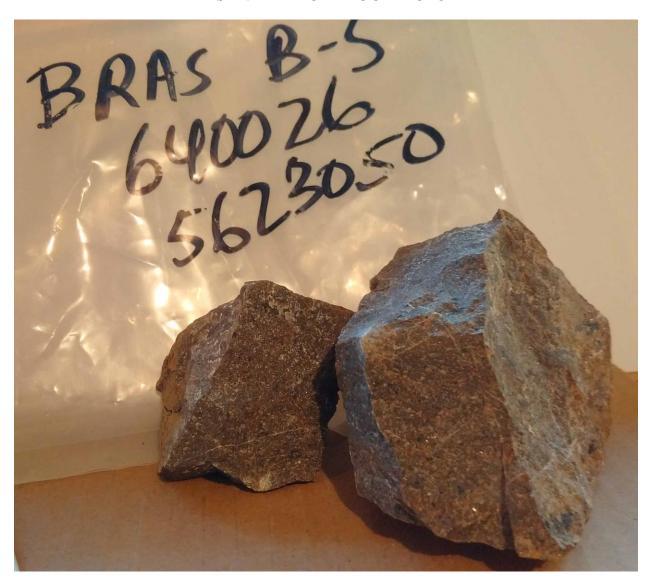
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BRAS B-4 TYPICAL ROCK PICTURE



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BRAS B-5 TYPICAL ROCK PICTURE



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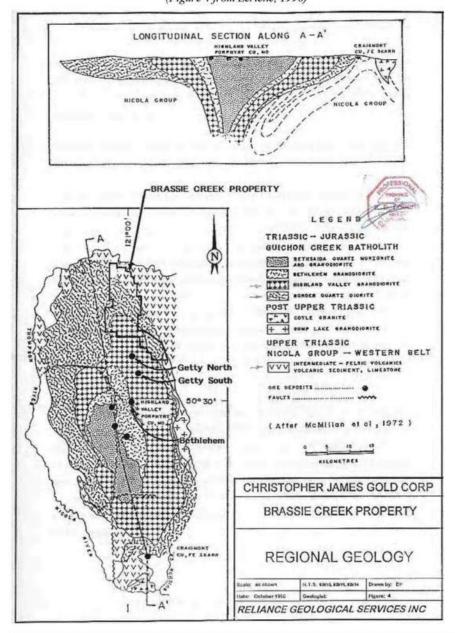


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SUMMARY OF REGIONAL AND PROPERTY GEOLOGY Fig. 7 Regional Geology - BRASSIE CLAIM GROUP

Ken Ellerbeck Brassie 1011864 Claim Group Event 5399509

Figure 5. Brassie Creek Property: Regional Geology (Figure 4 from Leriche, 1996)

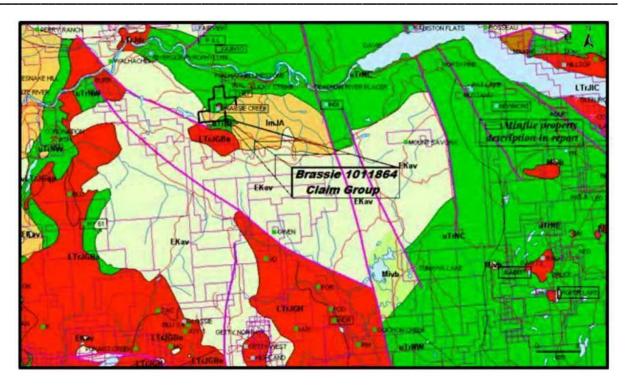


Sookochoff Consultants Inc.

August 26, 2012

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The four (4) claim Brassie Claim Group covers an area of 260 hectares located 222 kilometres east-northeast of Vancouver and 70 kilometres west of Kamloops where within 15 kilometres two past producing mines have been re-explored, and are developed mineral resources. The **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 2018 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 south of the Brassie 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).

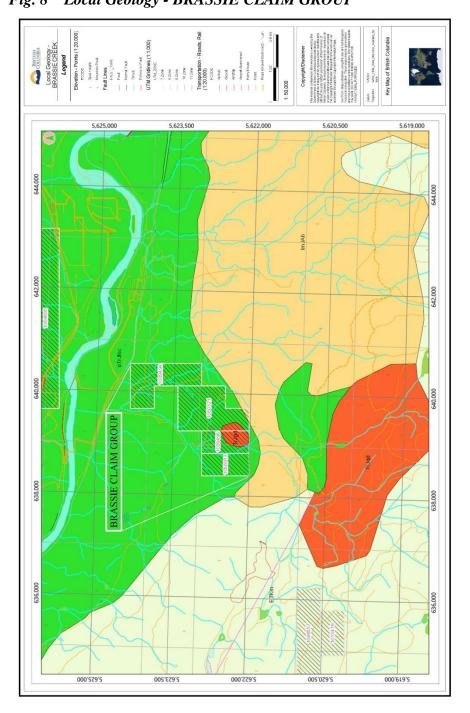
Both the New Afton and the Ajax mineral resources are predominantly hosted by the Late Triassic Iron Mask Batholith; a sub-volcanic multiple intrusion of dioritic to syenitic composition which lies lengthwise northwesterly for 35 kilometres long and up to 10 kilometres wide in a major cross structure 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 **south of the Brassie 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 Craigmont Mine hosted by Nicola aged

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limestones at the south end of the Batholith, and the Getty copper oxide/porphyry deposits hosted by the Guichon Batholith between the Valley deposit and the Brassie Creek Claim Group Property close to a breccia pipe just to the east of a major north-south fault. The Northerly trending faults associated with porphyry copper mineralization in the Getty North and South areas may project northward into the Brassy Creek area (Dawson, 2005) where stocks, sills and dykes of dioritic to monzonitic composition related to the Guichon Batholith occur. Fig. 8 Local Geology - BRASSIE CLAIM GROUP



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Within the Brassie Claim Group, historical exploration dates from the late 1800's when a 23 metre-long adit was completed to explore a northwesterly trending zone of fracture controlled mineralization. Samples from the Brassie prospect analysed 0.26% copper over one metre and from the Hasso showing of minor disseminated malachite in quartz-carbonate veinlets, a select sample analysed 0.44% copper. A select sample of diorite with malachite stains along fractures, returned values of 5973 ppm (0.59%) copper, 11 ppb gold, and 9.0 ppm silver Leriche (1996). Diamond drilling in 1998 returned assays of up to 0.24% copper, and 1.9% zinc over a 14 m. intersection.

(Wells 2000) The Pennie Lake to Rattlesnake Creek area including the Brassy Creek gorge is geologically quite complex with patchy bedrock exposures. It probably represents a roof zone to border phase monzonitic to dioritic intrusions of the Guichon Creek Batholith (Triassic). Two kilometre scale dioritic stocks occur in this area, one southeast of Pennie Lake and the other beneath the benchland northeast of Brassy gorge (to Rattlesnake Creek). Contact metamorphism is evident over a large area with conversion of limestone to marble and mafic volcanics to variably magnetic hornfels with patchy epidote. This setting is complicated by displacements along northwest trending fault zones. Previous exploration identified several magnetite lenses at marble-volcanic contacts in Brassy Creek gorge. The best known of these are the Brassie (Cu, Au, Ag, Zn) and Hasso (Cu, Ag, Au, Zn, Pb) occurrences. These returned copper and zinc values in the 0.2% to 0.45% range, gold up to 1 g/t and silver up to 200 g/t (Hasso) during 1996 exploration (Piroshco, 1996). Fracture controlled mineralization in the adit area 200 to 300 meters to the north has previously returned silver values up to 19.84 oz/t, 0.31% copper and 0.12% lead (Wendebom, 1970).

In the lower Rattlesnake Creek area BP Minerals identified disseminated copper mineralization in intrusive breccia in an area where diorites are intruded by later quartz monzonite and porphyry bodies (Findlay, 1975). Minequest (Ridley, 1983) suggested that a rhyolite intrusion in this area was Tertiary in age (the quartz porphyry?). The Rattlesnake Creek area has gold mineralization in a variety of settings including silicified Ashcroft conglomerate (up to 335 ppb Au), disseminated in porphyry (100ppb) and quartz veinlet stockworks in diorite (further to south up to 780 ppb Au). Some of this gold mineralization is clearly post-Jurassic (Tertiary age?) and has associated anomalous arsenic and mercury values (epithermal). The Northern Brassy-Rattlesnake Creek area features a mixed sequence of Nicola Group (Triassic) mafic volcanic and sedimentary rocks (mainly thick limestone beds) intruded by dioritic to monzonite composition dikes, sills and stocks. These are overlain with angular unconformity by Ashcroft Formation (Jurassic) elastic sediments with basal conglomerates. (Wells 2000).

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TECHNICAL DATA AND INTERPRETATION

Prospecting on the BRASSIE CLAIM GROUP in 2018 revealed the presence of mineral bearing rocks in the Work Area.

Elevated levels of Au were found in Sample BRAS A-2, BRAS B-3; Elevated levels of Ag were found in Samples BRAS A-1, BRAS A-2, BRAS B-3; Elevated levels of Cu, Pb, Zn, Mo were found in BRAS A-1, BRAS A-2, BRAS B-3;

Table I. Particulars of Grab Samples ELLERBECK (2018) BRASSIE CLAIM GROUP

LOCATION	UTM LO	OCATION	DESCRIPTION					
/ SAMPLE #	01112	01111011	All OUTCROP unless indicated					
BRAS A-1 To Lab	639632	5622901	Trench "A" Skarn, Float, Hematite, extremely hard, highly altered, siliceous, garnet? No visible metal, heavy					
BRAS A-2 To Lab	639632	5622901	Trench "A" Skarn, Float, Highly altered, visible metal, magnetite, iron, spalerite, malachite stain, highly siliceous, heavy					
BRAS A-3	639655	5622911	Trench "A-1", Float, Skarn, highly altered limestone, visible metal, iron veinlets, magnetite, hematite					
BRAS A-4	639655	5622911	Trench "A-1", Float, Skarn, highly altered limestone, quartz veins, iron stain					
BRAS A-5	639655	5622911	Trench "A-1", Float, Skarn, highly altered limestone, iron stain, bleached to white/green, contact with diorite (pink/green)					
BRAS A-6	639655	5622911	Trench "A-1", Float, very heavy pink diorite? In contact with magnetite/hematite, highly siliceous					
BRAS A-7	639687	5622917	Trench "A-1", Float, very heavy, very hard, fractured, magnetite- hematite, contact with diorite, highly altered, vuggy					
BRAS A-8	639687	5622917	Trench "A-1", Float, limestone, minor iron staining					
BRAS B-1	640050	5623083	Trench "B", Diorite, gray-green, siliceous, E-W strike, 20°S dip					
BRAS B-2	640049	5623050	Trench "B", Diorite, gray-green, siliceous, E-W strike, 20°S dip, pink diorite veining					
BRAS B-3 To Lab	640040	5623040	Trench "B", Float, limestone, highly altered, iron veining, visible metal, quartz inclusions, magnetite, hematite					
BRAS B-4	640038	5623040	Trench "B", Float, rotten/crumbly, iron stain, visible metal, highly altered, accreted/conglomerate, quartz inclusions, hematite					
BRAS B-5	640026	5623040	Trench "B", Float, Diorite, quartz veining, brown/pink, homogenous					
BRAS B-6	640016	5623038	Trench "B", Float, highly altered diorite, quartz inclusions, no visible metal, contact with volcanic/andesite					

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Table II. Summarized Assay Results- Grab Samples-Ellerbeck (2018) – BRASSIE

Sample No.	Sample Type	Cu ppm	Pb ppm	Zn ppm	Au ppm	Ag ppm	Mo ppm	Со ррт
BRAS A-1	Grab	98	171	422	0.007	0.8	2	5
BRAS A-2	Grab	8020	599	3040	0.153	5.1	54	9
BRAS B-3	Grab	52	79	102	0.127	24.5	38	8

PURPOSE

In May 2018 a prospecting program was completed on Tenure 1050121 of the four (4) claim BRASSIE CLAIM GROUP. The purpose of the prospecting program was to locate, if possible, historic reported geological features (typical Cu, Au, Ag bearing 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 May 06, 2018.

PROSPECTING RESULTS – Outcrops/Bedrock observance confirmed local/property and regional geological mapping. Mineralization was noted and sampled.

In the 2018 Work Area, the writer identified historically noted mineralization by way of float presumed to have originated from Trench "A", "A-1", and "B" of Christopher James Gold Corp. 2005 work (Dawson, Kenneth M.).

"Trench A in its anomalous central part (Figure 7 and Plate 1) shows garnet-diopside-epidote skarn with magnetite partly oxidized to hematite, and chalcopyrite, pyrite, sphalerite plus limonite, malachite and azurite. A monzo-diorite sill is in intrusive contact with skarn at attitude 230/25 with some endoskarn developed in the intrusive."

"Trench A1 at its eastern end shows a garnet-diopside skarn/marble contact with attitude 320110 (Figure 7). The magnetite-rich skarn in the eastern trench is cut by quartz veins, but lacks abundant sulphide minerals. It exhibits anomalous values in Au, Ag, Pb and Zn Marble and oxidized skarn are overlain by hornfelsed basalt with gentle (ca. 5°) northerly dips."

"Magnetite-sulphide skarn with significantly elevated values in any of the elements Au, Ag, Cu, Pb and Zn was detected in trenches A, Al, C and G, and drill holes were planned accordingly. Elevated values in some of these elements were detected in trenches B, D and F, but were deemed less significant, and the decision to drill these sites was deferred."

From R.C. Wells, 2000:

"On the property, border phase Guichon diorites intrude Nicola Group (upper Triassic age) mafic volcanic flows and volcaniclastic rocks with thick limestone beds. The limey sequence in

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the Brassy Creek area has been converted to skarn, hornfels and marble in the thermal aureole to the dioritic intrusions. Several polymetallic (from Cu, Pb, Zn, Ag and Au) were encountered by earlier exploration programs in the area. Previous exploration in the property focussed on either Craigmont style Cu-Fe skarn or copper porphyry targets largely ignoring the potential for polymetallic skarns or mantos".

ASSAY RESULTS

Elevated levels of Au were found in Sample BRAS A-2, BRAS B-3; Elevated levels of Ag were found in Samples BRAS A-1, BRAS A-2, BRAS B-3; Elevated levels of Cu, Pb, Zn, Mo were found in BRAS A-1, BRAS A-2, BRAS B-3;

INTERPRETATIONS AND CONCLUSIONS

The reported presence of various minerals in historic showings in the 2018 work location area was confirmed by the Rock Samples taken within Tenure 1050121.

Prospecting revealed the presence of mineralization in highly altered float from previous trenching work. The potential for economic mineral zones on the Brassie Property could occur as altered/skarn zones in volcanics and limestone related to intrusive related rocks (rhyolites/diorites). The reported (ARIS reports) presence of mineralization in proximity to the BRASSIE CLAIM GROUP was researched, as well as the host rock type for that mineralization. Assays of samples taken during the 2018 Work Program revealed the presence of significant mineralization warranting further investigation.

SUMMARY AND RECOMMENDATIONS

The Brassy Creek Claim Group is geologically complex. It is possibly a border phase monzonitic to dioritic intrusions of the Guichon Creek Batholith (Triassic).

Dioritic stocks occur within the claim group in the area which was prospected in 2013 and 2015 lying beneath the benchland northeast of Brassy gorge and continuing to Rattlesnake Creek. Contact metamorphism is evident over a large area with conversion of limestone to marble, some containing mineralization, in the prospected area. This setting is complicated by displacements along northwest trending fault zones. Previous exploration by others identified several magnetite lenses at marble-volcanic contacts in Brassy Creek gorge.

Intrusives have introduced gold values associated with rhyolite and with quartz veinlets in sedimentary rocks in Rattlesnake Creek.

An example of recommended work from Christopher James Gold Corp. 2005 work (Dawson, Kenneth M.):

"Drill hole B-05-0 1 is planned to intersect the mineralized skarn zones under both trenches A and A1. The collar will be located 45 m northwest of trench Al and 90 m northwest of trench A, at 639952E, 5622975N. The hole will be drilled at azimuth 145° and dip-45° to an estimated depth of 150 m. An access trail about 60 m long will need to be constructed from the vicinity of trench A."

KEN ELLERBECK June 20, 2018 Page 42 of 54

Elevated values of mineralization were obtained from float samples taken in Trench "A" and "A-1.

Due to the elevated mineralization found in Sample BRAS B-3, a drill hole in the vicinity of Trench "B" is warranted.

A program of intensive prospecting and mapping of all the outcrops in the vicinity of the Christopher James Gold Corp. 2005 trenching work (Dawson, Kenneth M.) is recommended in order to understand all of the influences of the possible Guichon Batholith intrusive.

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ITEMIZED COST STATEMENT – BRASSIE 2018

Exploration Work type	BRASSIE CLAIM GROUP	Days			Totals
PROSPECTING & EXPLORATION	NRC1	Daves	Data	Subtotal*	
Personnel (Name)* / Position Ken Ellerbeck / Owner	May 6, 2018	Days 1	\$500.00	Production of the Control of the Con	
Q. Ellerbeck / Helper	May 0, 2016	0	\$250.00		
Q. Ellerbeck / Helper			\$500.00		
			\$250.00	0.0000000000000000000000000000000000000	
			\$500.00	100 Brosson Control	
			\$250.00		
			\$230.00	\$500.00	\$500.00
Office Studies	List Personnel (note - Office of	nlv. do no	t include		Ψ500.00
Literature search	Ken Ellerbeck	1.0	\$500.00	100 to 10	
Database compilation	Ken Ellerbeck	0.5	\$500.00		
General research	Ken Ellerbeck	0.5			
Report preparation	Ken Ellerbeck	1.0			
Other (specify)	Ren Energeen	110	4500100	\$0.00	
odici (specify				\$1,500.00	\$1,500.00
Ground Exploration Surveys	Area in Hectares/List Personnel			42/500000	42,500.00
Prospect	see Personnel Field Days				
Underground	occ recommendation				
Trenches				\$0.00	\$0.00
Trancies				φ0.00	40.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Soil	ALS MINERALS Vancouver	0.0	\$49.46		
Rock	ALS MINERALS Vancouver	4.0			
B-10-10-10-10-10-10-10-10-10-10-10-10-10-				\$192.00	\$192.00
Transportation		No.	Rate	Subtotal	
KM Kamloops-Property-return		199.00	\$0.95	\$189.05	
KM SAMPLES TO LAB	May 24, 2018	50.00	\$0.95		
				\$0.00	
				\$236.55	\$236.55
Accommodation & Food	Rates per day				
Hotel			\$0.00	\$0.00	
Camp			\$0.00		
Meals	2 man-days @\$35/day	2.00	\$35.00	0.000 (0.000) (0.000) (0.000)	
		- Constitution	i sinomena	\$70.00	\$70.00
Miscellaneous					10.00000000
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 F I's	21				63.400 FF
TOTAL Expenditures					\$2,498.55

Page **44** of **54** KEN ELLERBECK June 20, 2018

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

KEN ELLERBECK June 20, 2018 Page 45 of 54

LIST OF SELECTED REFERENCES

BC Geological Survey, Ministry of Energy, Mines & Petroleum Resources - MINFILE

British Columbia Survey Branch, The Map Place.

Dawson, K.M. – 2005: Review of 2005 Trenching program and Proposed Drill Program for Brassie Creek Skarn Deposit, Walhachin, B.C. for Christopher Lames Gold Corporation. August 30, 2005.

Hodgson, G.D. – 1984: Thom Claims Geology for Minequest Exploration Associates Ltd., November 1984. AR13329.

Leriche, P.D., Pirocho, D. – 1996: Summary Report on the Brassie Creek Property for Christopher James Gold Corp. 2 December 1996.

Wells, R.C. – 2000: Report on the 1999 Exploration Program on the Brassie Creek Property for Christopher James Gold Corporation. January 20, 2000. AR 26,155.

Sookochoff, L., - 2012: Report on the 2012 Geological Assessment Report (Event 5399509) on a structural analysis for Ken Ellerbeck, August 2012.

Solat, Hughes P., - 1991: Detailed Geological Mapping Grid Area. August 15, 1991. AR 21625

LIST OF SOFTWARE PROGRAMS USED

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

KEN ELLERBECK June 20, 2018 Page 46 of 54

APPENDIX 1 SAMPLE PREPARATION AND METHOD OF ANALYSIS



ALS Candas Ltv. 2103 Dollarton Hwy North Vancouver BC V7H OA7 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218 www.alsglobal.com/geochemistry

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

Page: 1 Total # Pages: 2 (A - C) Plus Appendix Pages Finalized Date: 11 - JUN - 2018 Account: ELLERK

Project: LD & Brassie This report is for 7 Rock samples submitted to our lab in Kamloops, BC, Canada on 28-MAY-2018.

The following have access to data associated with this certificate:

KN ELLERECK

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

ANALYTICAL PROCEDURI	ES
DESCRIPTION	INSTRUMENT
Ore Grade Cu - Aqua Regia	ICP-AES
Au 30g FA-AA finish	AAS
35 Element Aqua Regia ICP-AES	ICP-AES
Ore Grade Ag - Aqua Regia	ICP-AES
Ore Grade Elements - AquaRegia	ICP-AES
	DESCRIPTION Ore Grade Cu - Aqua Regia Au 30g FA-AA finish 35 Element Aqua Regia ICP-AES Ore Grade Ag - Aqua Regia

Signature: Colin Ramshaw, Vancouver Laboratory Manager

KEN ELLERBECK June 20, 2018 Page **47** of **54**



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TO: KEN ELLERBECK Page: Appendix 1
255 WEST BATTLE STREET Total # Appendix Pages: 1
KAMLOOPS BC V2C 1G8 Finalized Date: 11 - JUN - 2018
Account: ELLERK

	www.aisgiobai.com/geochemistry										
LS		Project: LD & Brassie									
		CERTIFICATE OF ANALYSIS	KL18124587								
	CENTIFIC AT	EE COMMENTS									
	CERTIFICATE COMMENTS										
	LABORATORY ADDRESSES										
Applies to Method:	Processed at ALS Kamloops located at 2953 Shuswap CRU-31 CRU-QC	Drive, Kamloops, BC, Canada. LOG-22	PUL-31								
Applies to Method.	PUL-QC SPL-21	WEI-21	F0L-31								
	Processed at ALS Vancouver located at 2103 Dollarton										
Applies to Method:	Ag - OG46 Au - AA23 ME - OG46	Cu-OG46	ME-ICP41								

KEN ELLERBECK June 20, 2018 Page **48** of **54** **EVENT # 5697867**

7

APPENDIX

- ASSAY RESULTS **ANALYSIS** OF, CERTIFICATE

ALS Canada Ltd. 2103 Dollarton Hwy North Vancouver BC V7H 0A7 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218 www.alsglobal.com/geochemistry

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

Page: 2 - A Total # Pages: 2 (A - C) Plus Appendix Pages Finalized Date: 11-JUN-2018 Account: ELLERK

Project: LD & Brassie

(ALS	,							[C		CATE O	F ANAI	LYSIS	KL181	24587	
Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	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	ME-ICP41 Ga ppm 10
LD-18-2 LD-18-3 LD-18-6 LD-18-8 BRAS-A-1		0.84 0.49 0.46 0.89 0.58	>100 2.9 1.8 38.2 0.8	0.26 0.10 0.37 0.27 0.40	2550 128 89 12 456	10 <10 10 10 30	1720 3320 1240 2580 100	<0.5 <0.5 <0.5 <0.5 <0.5	3 <2 <2 3 <2	0.07 0.05 0.13 0.10 19.8	58.9 19.5 15.1 <0.5 5.5	6 7 4 1 5	7 9 3 11 2	>10000 613 528 8930 98	4.12 4.15 3.12 1.37 13.55	<10 <10 <10 <10 <10
BRAS-A-2 BRAS B-3		1.21 1.13	5.1 24.5	0.29 0.31	969 294	40 10	160	1.1 <0.5	6 <2	11.1	3.7	9 8	9 4	8020 52	17.50 3.33	<10 <10

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

June 20, 2018



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To: KEN ELLERBECK 255 WEST BATTLE STREET KAMLOOPS BC V2C 1G8 Page: 2 - B Total # Pages: 2 (A - C) Plus Appendix Pages Finalized Date: 11 -JUN-2018 Account: ELLERK

Project: LD & Brassie

(763	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	KL181	24587	
Sample Description	Method Analyte Units LOD	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	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	ME-ICP41 Th ppm 20
LD-18-2 LD-18-3 LD-18-6 LD-18-8 BRAS-A-1		27 <1 <1 <1 1	0.16 0.08 0.30 0.19 0.01	10 <10 10 <10 10	0.02 0.02 0.02 0.01 0.10	910 4000 4230 106 5440	5 3 1 1 2	0.01 <0.01 <0.01 <0.01 0.01	3 2 1 1 <1	330 550 790 360 200	2020 17 9 4 171	0.14 0.06 0.01 0.08 <0.01	523 69 24 8 21	6 3 7 3 2	14 27 8 48 102	<20 <20 <20 <20 <20
BRAS-A-2 BRAS B-3		44 <1	<0.01 0.13	20 10	0.11 0.28	4640 2170	54 38	0.01 0.02	4 6	2970 180	599 79	1.14 1.42	89 4	5 2	134 133	<20 <20

^{*****} See Appendix Page for comments regarding this certificate *****

June 20, 2018

KEN ELLERBECK



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Page: 2 - C Total # Pages: 2 (A - C) Plus Appendix Pages Finalized Date: 11 -JUN-2018 Account: ELLERK

Project: LD & Brassie

(ALS	,								C	ERTIFIC	ATE OF ANALYSIS	KL18124587	
Sample Description	Method Analyte Units LOD	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	Ag-OG46 Ag ppm I	Cu-OG46 Cu % 0.001	Au-AA23 Au ppm 0.005			
LD-18-2 LD-18-3 LD-18-6 LD-18-8 BRAS-A-1		<0.01 <0.01 <0.01 <0.01 <0.01	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	27 18 8 3 22	<10 <10 <10 <10 10	7380 1810 1250 49 422	428	1,185	0.018 <0.005 <0.005 <0.005 0.007			
BRAS-A-2 BRAS B-3		0.01 <0.01	<10 <10	<10 <10	103 23	<10 <10	3040 102			0.153 0.127			

^{*****} See Appendix Page for comments regarding this certificate *****