



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 Report (T)(G) TOTAL COST: \$4550

AUTHOR(S): Christopher Delorme SIGNATURE(S): [Signature]

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): _____ YEAR OF WORK: 2017

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): _____

PROPERTY NAME: SDJV

CLAIM NAME(S) (on which the work was done): SDJV

COMMODITIES SOUGHT: Copper

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092HNE153/092HNE092

MINING DIVISION: Similkameen NTS/BCGS: 092HG78/092H088

LATITUDE: _____ " LONGITUDE: _____ " (at centre of work)

OWNER(S): G79880E 5513659N NAD 83

1) Christopher Delorme 2) Guy Delorme

MAILING ADDRESS:
340A LOGAN LANE AVE
MERRIT B.C. V1K0B5

OPERATOR(S) [who paid for the work]:

1) C. Delorme 2) _____

MAILING ADDRESS:
SAME

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Volcanic Flows, fragmental intruded by dikes sills and plugs
of JURASSIC age. NW/NE trending faults. Chalco Chalcoite
disseminated in feldspar porphy, nodules. flow breccia, fracture
controlled Niobium Volcanics

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 5480075, 5480076

34709, 35045

Next Page

SDV PROPERTY ASPEN GROVE

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			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	X3		129.35
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	2 Km Sq.		
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
			TOTAL COST: 4527.68

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Technical Report
ON THE
SDJV PROPERTY

NICOLA MINING DIVISION
BRITISH COLUMBIA
ASPEN GROVE

GEOCHEMICAL

Center of Work
679880E 5513659N
Zone 10U NAD 83
BCGS 092H.078

Event Number 5678050

Author

Christopher Delorme

Owner's

Guy Delorme

Christopher Delorme

Operator's

Guy Delorme

Christopher Delorme

BC Geological Survey
Assessment Report
37347

1.0 Summary/Introduction

Christopher and Guy Delorme conducted a geochemical program over the SDJV Property between the dates of June 10th 2017 and December 19th for two trips total and one trip to ALS Laboratory in Kamloops B.C. . The purpose of the program was to find and ascertain the past historical workings from previous operators and verify grades and the extent of mineralization. A Garmin etrek Magnetometer was used with a NAD 83 Setting. Snow was a factor for the second trip of the program but was a successful trip in identifying mineralization.

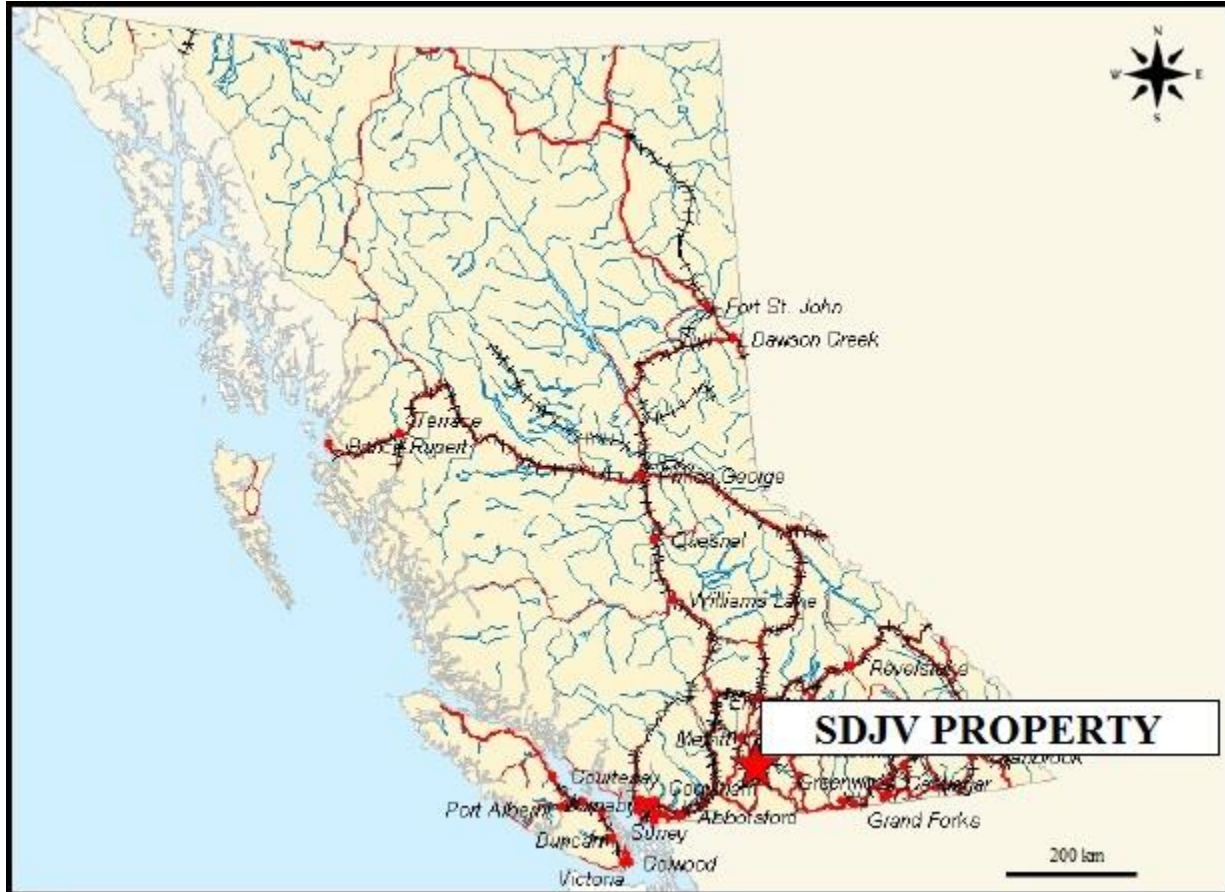
2.0 Location and Access

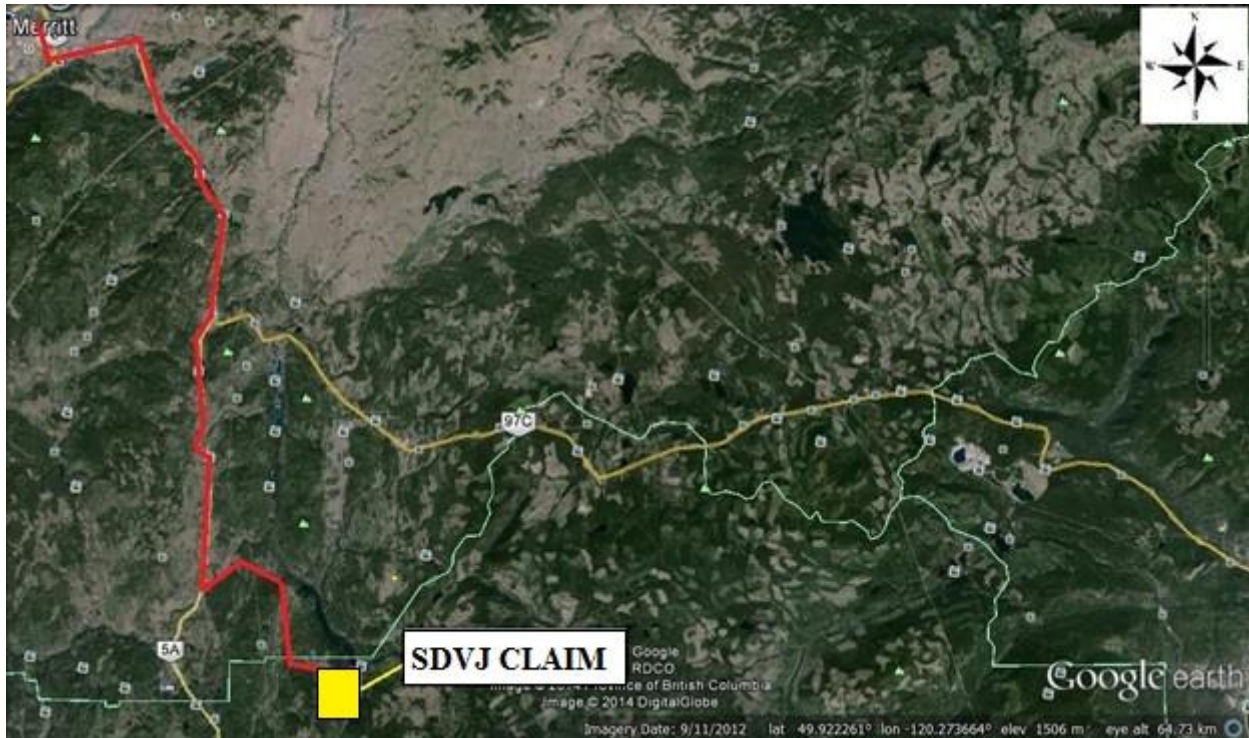
The SDVJ Property is located in south-central British Columbia 187 by air Kilometers north east of Vancouver and 2km west of Missezula Lake .The centre of the claim group coordinates are at an approximate geographic location UTM reading 10 U 679272E 5515430N 120.30 longitude 49.45 latitude, on map sheet NTS 092H15E and BCGS Map 092H078 . The SDVJ Claim Group is approximately 45 kilometers south of Merritt B.C.

Access to the property is by taking highway 97 C from Merritt to Kelowna for a 25 km distance then turning south onto 5A towards Princeton BC for 14.8 km turning left onto Ketchan Lake forest service road for 10.49km then turn left and go 4.5km to the northern grid or turn right at of the property at 14.3km and go a further distance of 1.2km to the most southern portion of the property. To Access the Eastern entry point of the property continue past the Ketchan Lake Forest Service Road

on Highway 5A south for 37km then turn east onto Summers Creek Forest Service Road for 28km until a small off road trail is on the immediate left.

2.1 Location Maps





3.0 Physiography and Climate

The mineral claims lie within the Thompson plateau area of the larger Interior plateau region. The physiographic setting of the area is defined as the dry interior and/or Sub-Alpine belt, depending on the local elevation within the property boundaries. The property covers low, rounded hilly terrain, exhibiting a north-south fabric about Ketchikan Lake.

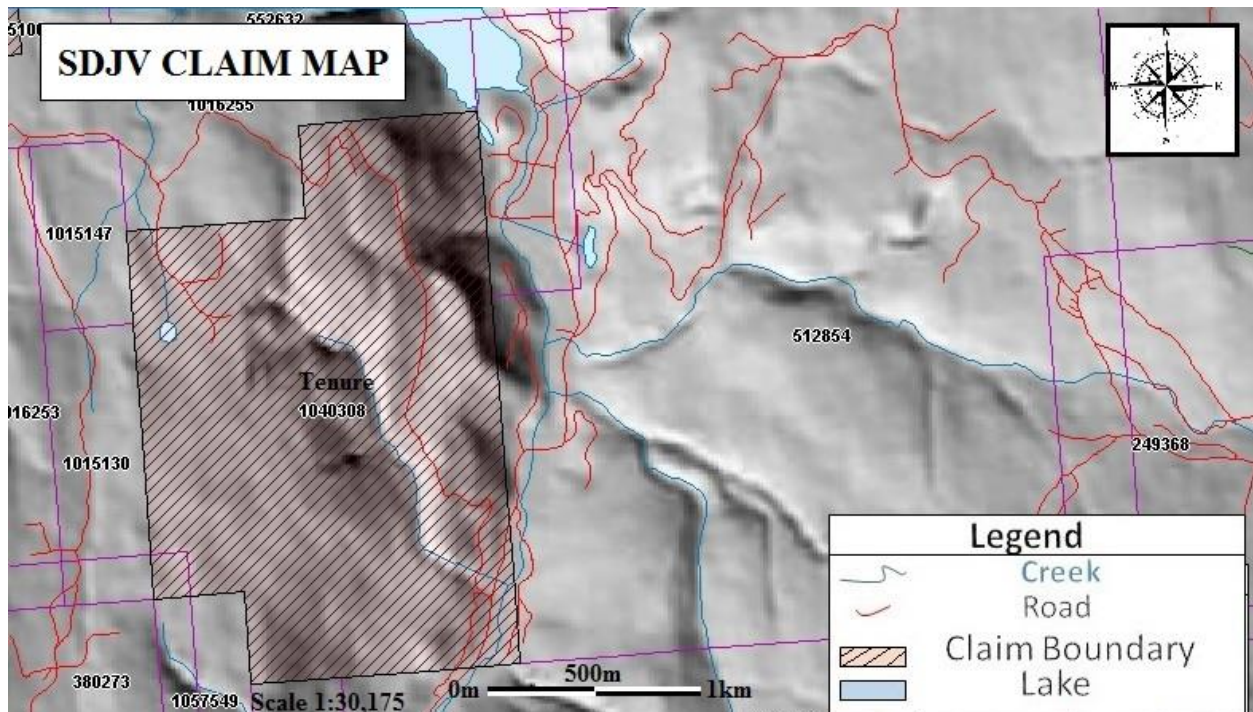
Patches of coniferous and deciduous trees interspersed with open range areas cover the property. The elevations of the claim area range from 1,265 metres (4,150 feet) to 1,433 metres (4,700 feet). The general area receives about 60-90 cm. (25"-35") of precipitation annually depending mainly on local elevation, of which 20% may occur as a snow equivalent. The winter weather is generally moderately cold. The summer weather could be described as variable, but most often dry and fairly hot with squally precipitation.

4.0 Property and Ownership

On January 4th to the 5th Guy and Christopher Delorme Acquired the 100 percent ownership of the property from Brian Scott and Steven Scott. The titles are now held 50/50 in the Delorme Name.

Owner	Tenure #	Claim Name	Area In Hectares	Good to Date
Christopher/Guy Delorme	1040308	SDJV	438.36	2019/JAN/01
FMC 141575/FMC 106466				

4.1 Claim Map



5.0 History and previous Work

- 1929: A small shipment from the Shamrock "mine" averaged 5.78% copper (Minfile).
- 1963: Consolidated Wood green carried out trenching on the Shamrock prospect and completed 3 diamond drill holes (Minfile).
- 1979: Cominco Ltd. drilled 6 percussion holes in the central part of present claims, based on LP. Magnetic and geochemical surveys. Only two holes reached bedrock. One hole reportedly averaged 0.141% Cu over 32 metres. Further mapping and drilling were recommended (Mehner, 1979, Scott, 1979, Ostenko, 1979). There is no record of follow-up.
- 1985: Vanco Exploration carried out geochemical and geological mapping on central part of present claims. They also mapped and sampled the Shamrock prospect (Lisle, 1985). There is no record of follow-up exploration.
- 1988: Laramide Resources carried out a geochemical survey for gold in the northern part of the present claims (Watson, 1988).
- 1990: Mine quest Exploration carried out 56 kilometres of I.P.surveying on central part of present claims (Gourlay, 1990).
- 1991: Rayrock Yellowknife Mines drilled 9 percussion holes on the Mine quest property. No significant Cu or Au values are reported, but a significant, but untested, copper prospect on Zig 3 Claim was noted (Gourlay, 1991).

- 2004-2005: Copper Hill Exploration Corp. and Copper Belt Resources carried out geological and photo- geological mapping of the entire claim block, along with magnetometer and VLF surveying of one Mine quest 1990 IP anomaly area (Bergey, 2005).

Ketchan Lake Prospect

- 1962: Plateau Metals Ltd. staked the present Ketchan Lake prospect area. Later the same year, they carried out a magnetometer survey and completed 3 diamond drill holes (Minfile).
- 1966: Adera Mining Ltd. optioned the property and carried out geological and geophysical surveys, along with trenching and 512 metres of diamond drilling (Lammle, 1966; Schurr. 1966).
- 1973: Bethlehem Copper Corporation staked Log Group of mineral claims following a large-scale regional exploration program.
- 1974: Bethlehem Copper carried out geological mapping and geochemical sampling, followed by drilling of 10 percussion holes (Nethery, 1974).
- 1975: Bethlehem Copper completed 351 metres of diamond drilling in 4 holes (Anderson, 1975; Anderson, 1976). Assay results from this drilling were not published.
- 1979: Bethlehem Copper completed 410 metres in 2 diamond drill holes to test the results of an LP. Survey carried out earlier in the year (Anderson, 1979; Simpson, 1979,).
- 1991: Cominco Ltd. completed 15 percussion drill holes 1067 metres (Aulis, 1991).

- 1992: Cominco Ltd drilled 8 percussion holes 640 metres (Aulis, 1992).
- 2005: Copper Belt Resources drilled 10 diamond drill holes 1210 metres (Thomson, 2006).
- 2006: Copper Belt Resources drilled 2 diamond drill holes 485 metres (Thomson, 2007).

2007: Copper Belt Resources drilled 5 diamond drill holes - 931 metres (Thomson, 2007).

- 2014 Christopher Delorme Magnetometer Survey over the Ketchan South Property 2.35 km ARIS 34709
- 2014 Laurence Sookochoff, Structural Analysis over the Ketchan Property 104 Hectares ARIS 35045

6.0 Regional Geology

The geological history of the underlying rocks in this area is thought to be representative of a northwest-southeast trending island arc depositional environment that is cut by steeply dipping north-south faults. The predominant lithology has the oldest rock units assigned to the Nicola Group of Upper Triassic to Lower Jurassic age. The Nicola Group (Nicola), in this general area has been divided into three distinct, adjacent, elongate (structurally controlled), volcano (igneous) sedimentary assemblages or belts which are not considered to be of strictly contemporaneous age. These belts are defined as follows: the Central Belt is the oldest while the Eastern Belt is next oldest. Both are thought to be locally derived and are of alkali igneous (some calcalkaline) composition, The youngest, Western Belt of the Nicola Group does not appear to be strictly, locally derived and are mainly of calcalkaline

composition. The origin and composition of the Nicola (the three belts) from oldest to youngest are described as follows:

a) Central Belt – sub aerial and submarine assemblages; pyroxene and plagioclase abundant andesitic to basaltic flows, breccia, conglomerate and lahar deposits; coeval intrusives mainly diorite and lesser syenite. b) Eastern Belt - submarine volcano-sedimentary units, lahars, basalt flows and high-level syenitic stocks.

c) Western Belt - flow and pyroclastic rocks ranging in composition from andesite to rhyolite and interbedded sediments as limestone, volcanic conglomerate and sandstone (fossiliferous). The Nicola and its' equivalents form an elongated belt of eugeosynclinal rocks which are observed from near the 49°I' parallel, trending northward for over 240 kilometres (150 miles) and possibly beyond to northern British Columbia and the Yukon Territory for a possible total distance of 1,300 km (800 miles). The width of the Nicola locally approaches 50 km (30 miles) in places and is often bound on its' east margin by Jurassic or later intrusives and volcanics and on the west by Jurassic/Tertiary aged intrusives and Carboniferous to Tertiary volcanics. The next oldest rocks in the general area are non-correlated sediments thought to 'be of Lower Jurassic to Lower Cretaceous age. The next youngest units are variable units of igneous and sedimentary rocks assigned to the Kingsvale Group of Lower Cretaceous age. The next youngest units are a variety of well-rounded, boulder conglomerates of post Lower Cretaceous age. The next youngest rocks observed in the general area are the more acidic, talcalkaline intrusive rocks which are seen to range in composition from granite through quartz diorite, these units have been assigned an Upper Cretaceous or Lower Tertiary age. The youngest rocks observed in the general area are those of the Princeton Group, assigned a Tertiary age and comprised of a lower volcanic unit of andesite or basalt and an upper sedimentary unit composed of shale, sandstone, conglomerate which are sometimes seen to contain economic occurrences of coal. The lower Princeton Group volcanic's have been observed, in places to lay,

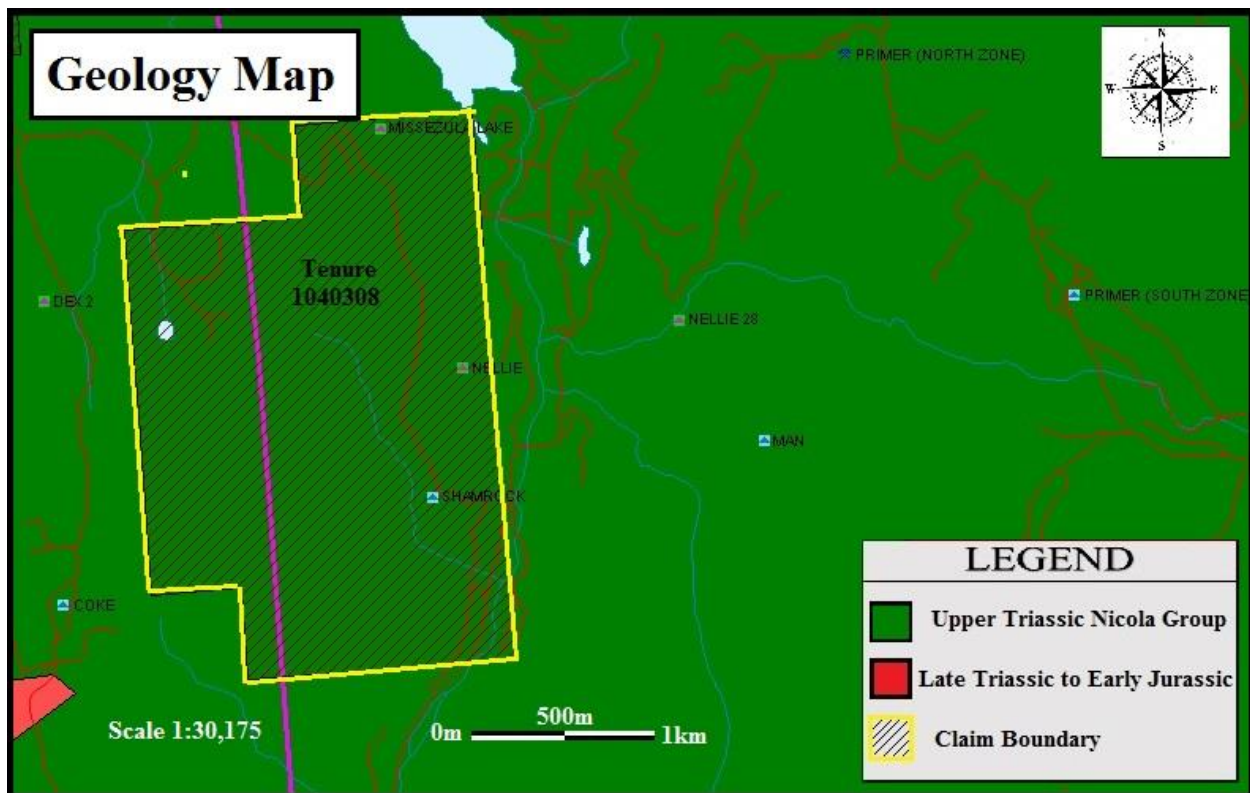
uncomfortably over portions of the Upper Triassic aged Copper Mountain intrusions that are thought to be coeval with the Nicola volcanic rocks of the area. The Nicola is found in places to have been cut by small stocks and dykes of ages varying from late Triassic into the Tertiary. The general area has also experienced widespread faulting which display an east-west and north easterly trend that in turn have sometimes been cut by younger northerly trending faults. For example in the Copper Mountain-Inger belle Mine area, in the southern portion of the Nicola, the boundary of the Copper Mountain Stock is truncated by the north trending, west dipping "Boundary Fault". East of the Boundary Fault, faulting is generally east-west, northwesterly and north easterly. The connection, if there is one between the Boundary Fault on the south and Fault(s) on the north side of the Town of Princeton, BC is masked by the large, Tertiary aged Princeton Basin. These faults may have affected the ore control which poses the possibility of much younger hydrothermal sources of mineralization, possibly Tertiary. Within the major southeastern lobe of the Nicola Group some 39 km. east-southeast of Princeton, B.C. occurs the famous lode gold mines of the Hedley area. These deposits are found to occur within metamorphosed limestone units (skarns) of the Nicola near diorite gabbro intrusive contacts.

7.0 Local Geology

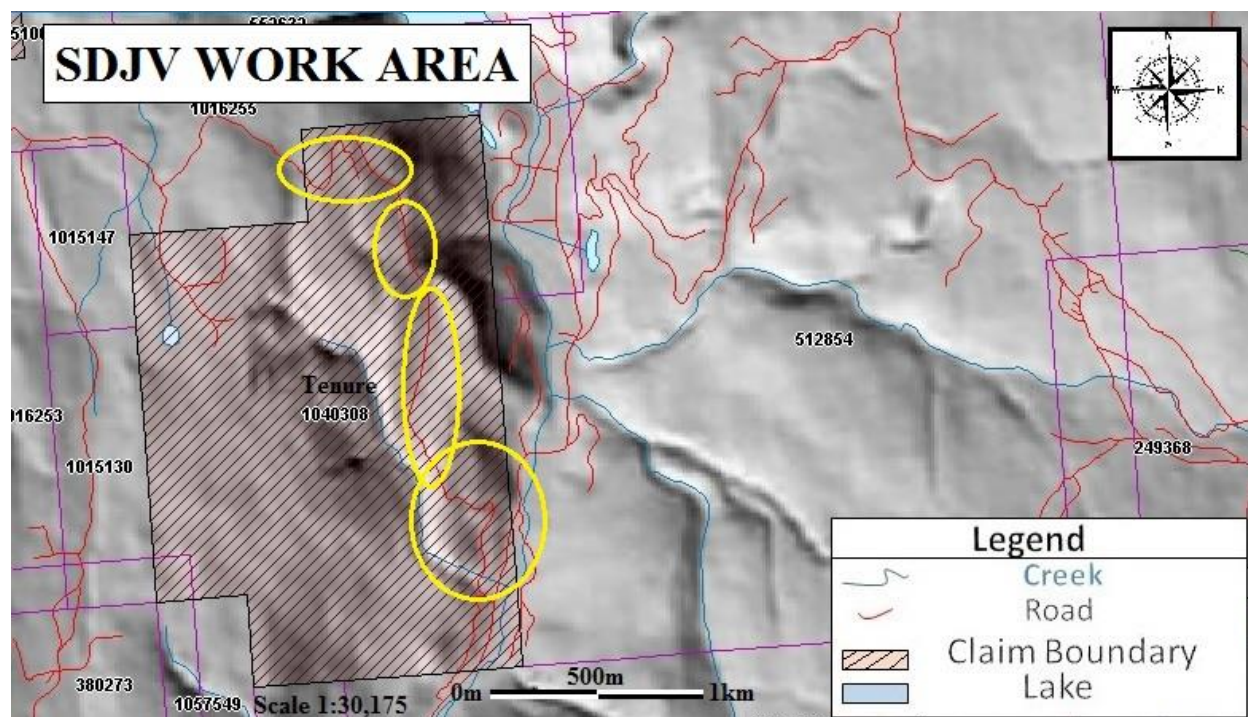
Volcanic flows and Fragmental intruded by dikes, sills and plugs of Jurassic age. The region is extensively faulted including the prominent north striking Allison Lake, Otter Creek and Summers Creek faults. Numerous north-west and north - east trending faults, shears and breccia zones branch from these major faults. Copper mineralization is widespread and is generally found in Nicola group rocks associated with intensive faulting and brecciation. Minerals observed in the claims area are chalcopyrite, chalcocite and pyrite disseminated in a feldspar

porphyry andesite flow breccia .A narrow northerly striking chalcocite vein is observed west of Summers Creek and much malachite and azurite staining is observed in a recent trench in a creek canyon on the eastern side of the property .Most observed mineralization to date occurs between 3,400 and 3,600feet A.S.L. and appears to favour a single bed and to be fracture controlled.

7.1 Geology Map



8.0 Work Area Map



9.0 Photos Work Program

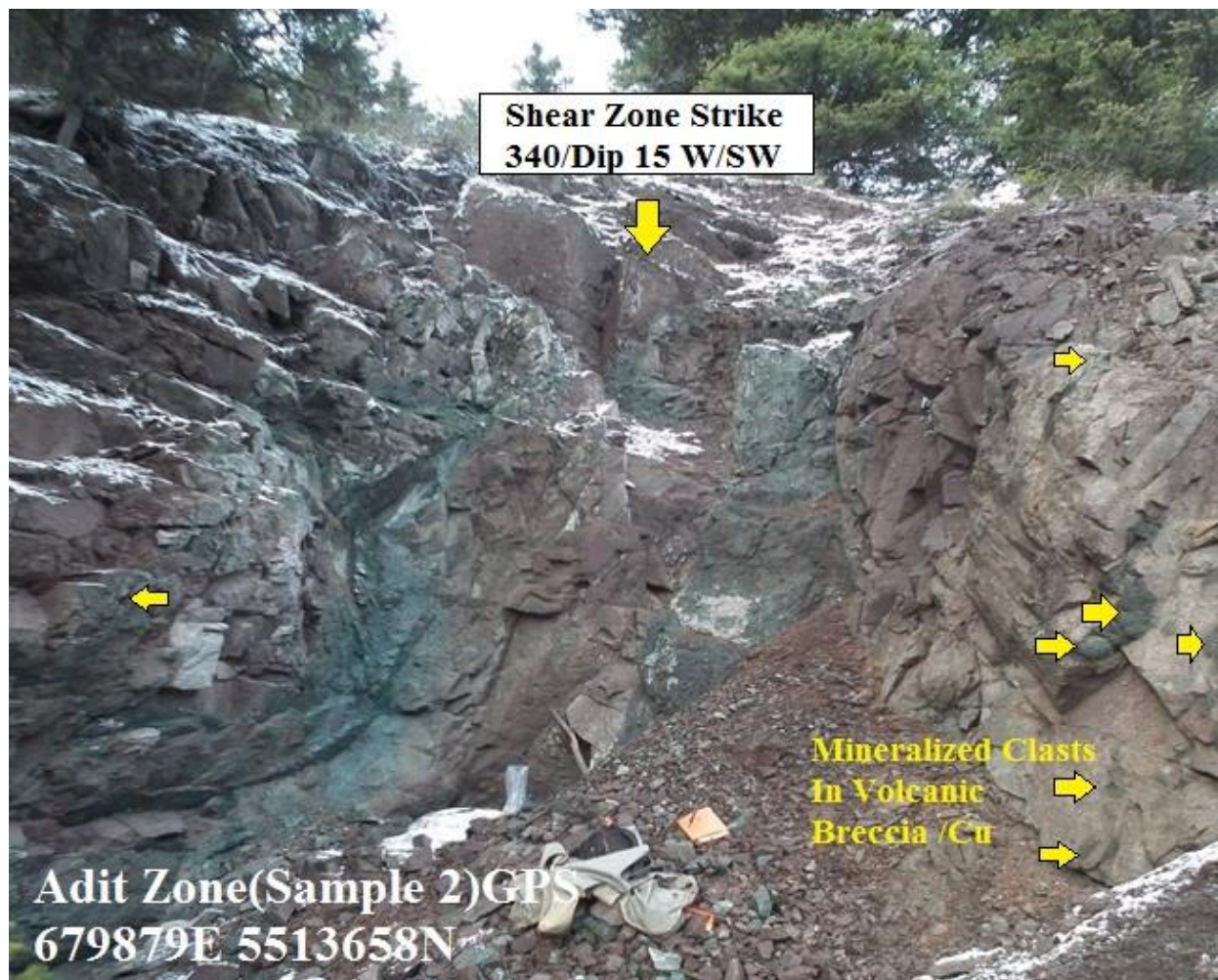




PIT Location Map GPS 679884E 5513674N

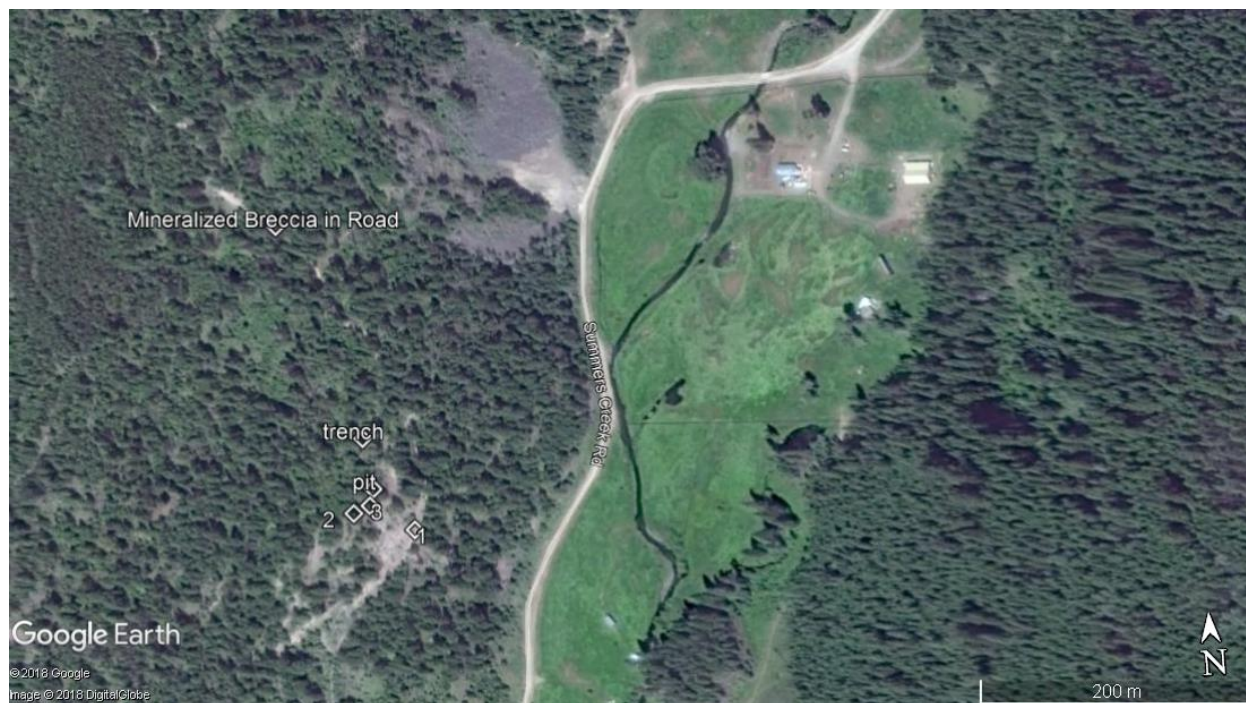


SAMPLE LOCATION 1 WINTER

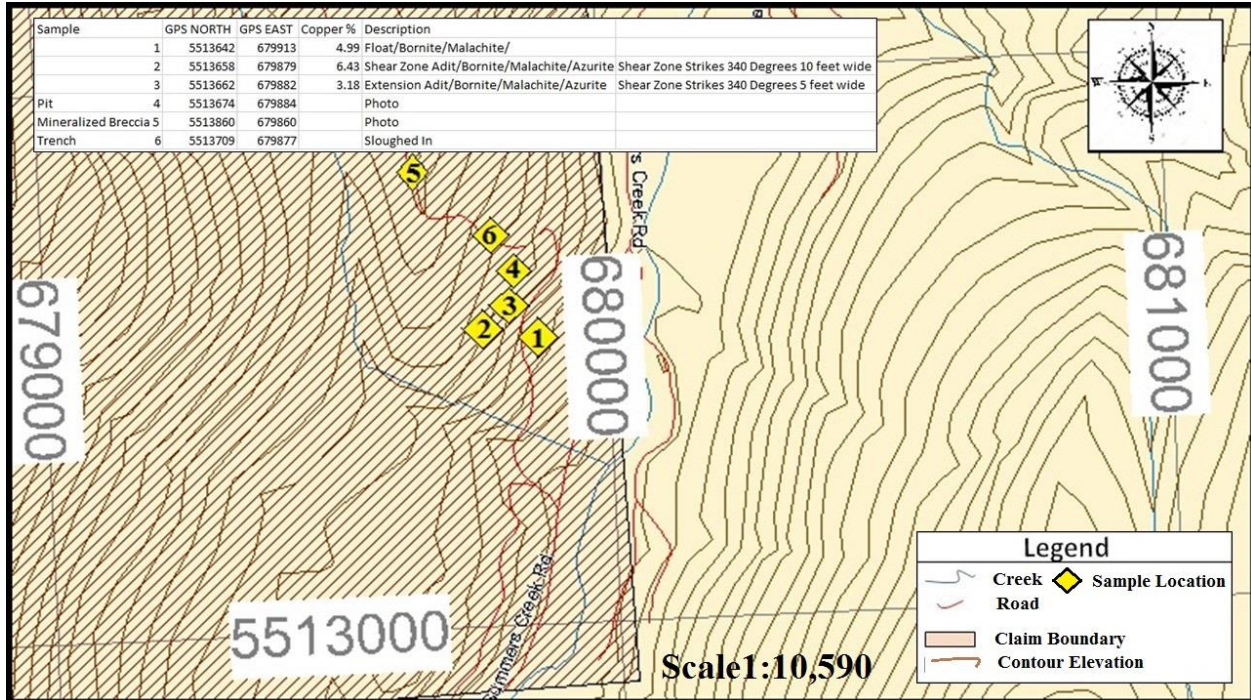




10.0 Sample Location Map



10.1 Sample Location Map with Results



10.2 Results Excel

Sample	GPS NORTH	GPS EAST	Copper %	Description
1	5513642	679913	4.99	Float/Bornite/Malachite/
2	5513658	679879	6.43	Shear Zone Adit/Bornite/Malachite/Azurite
3	5513662	679882	3.18	Extension Adit/Bornite/Malachite/Azurite
Pit	5513674	679884		Photo
Mineralized Breccia	5513860	679860		Photo
Trench	5513709	679877		Sloughed In

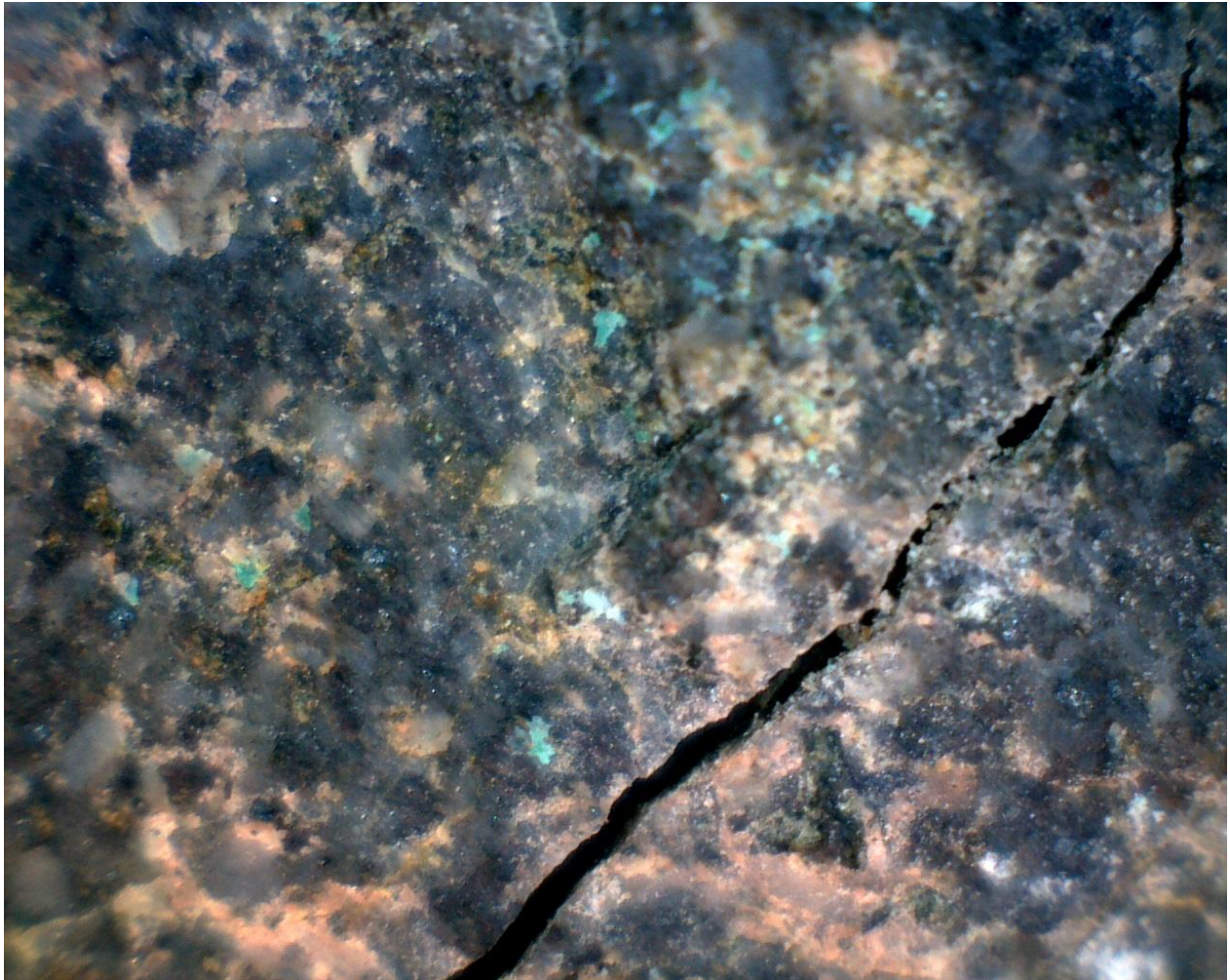
11.0 Photos Rock Samples

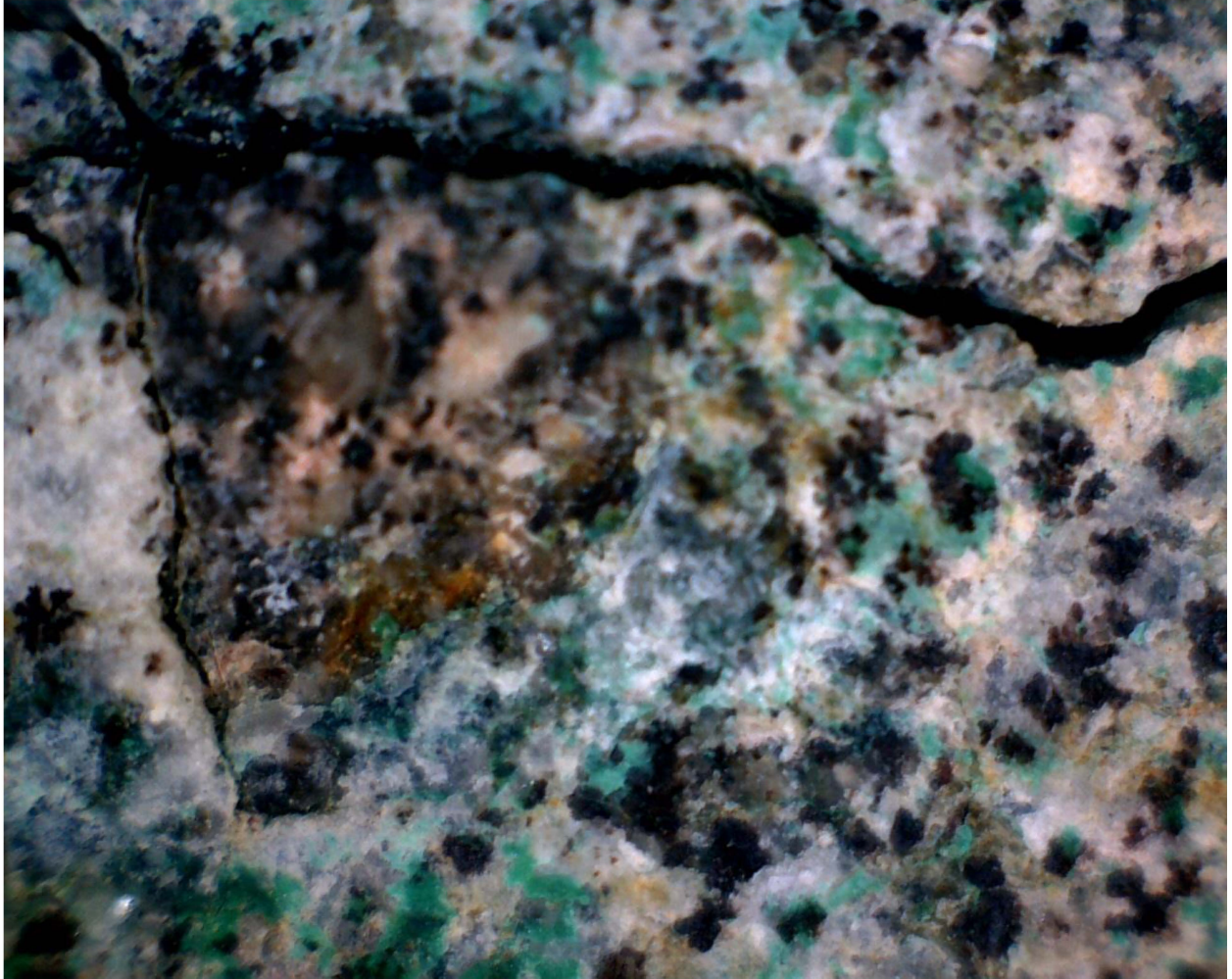


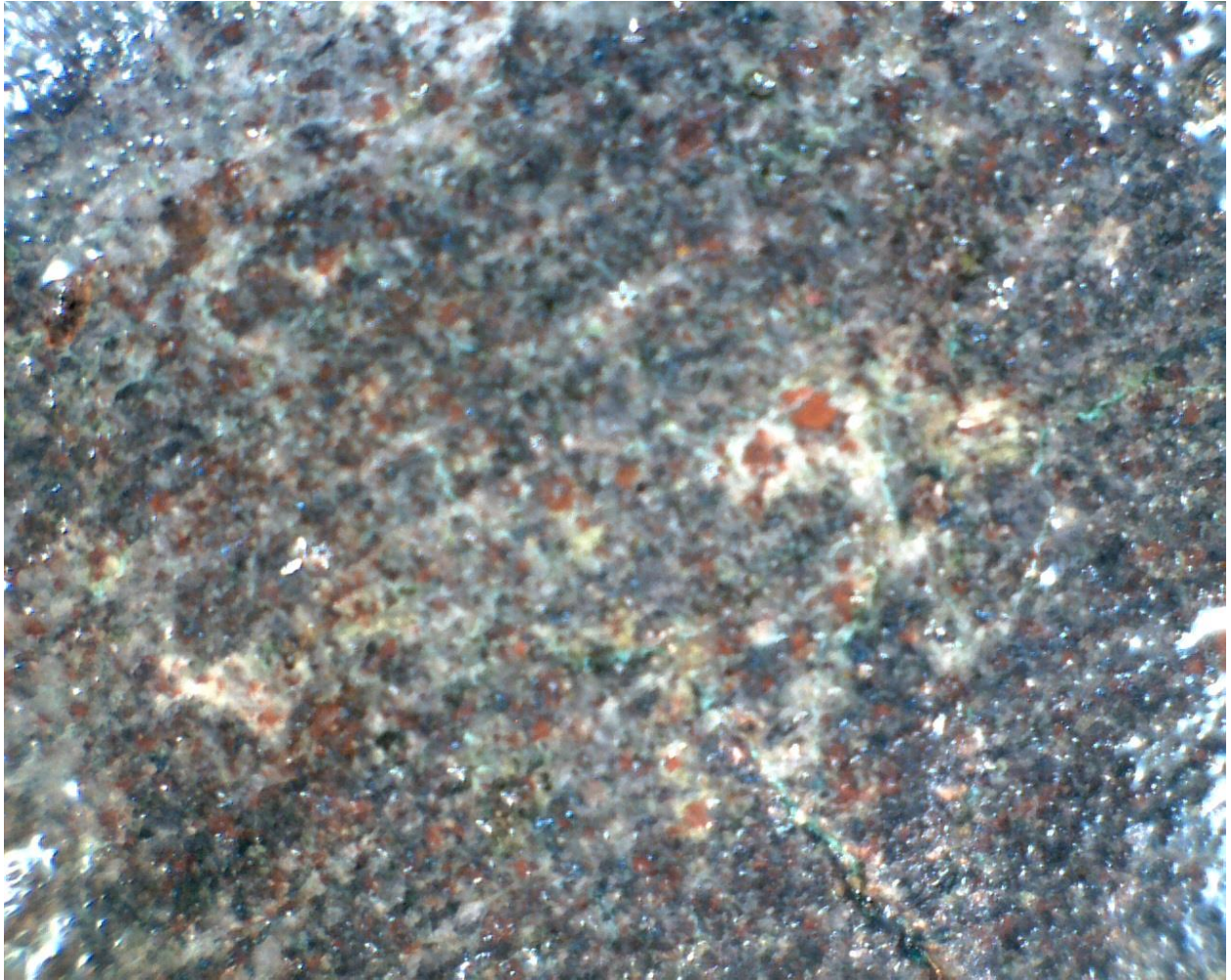




12.0 Microscopic Photos 30X









Note All Microscopic Photos are from Rocks Not Sampled But in the immediate area of Sampling with same Characteristics.

13.0 Assay Results



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: CHRISTOPHER DELORME
 340 LOGAN LANE AVE.
 MERRITT BC V1K 1C8

Page 1 of 1

INVOICE NUMBER 4139961

BILLING INFORMATION		ANALYSED FOR		UNIT PRICE	TOTAL	
QUANTITY	CODE	DESCRIPTION				
Certificate:	KL18005100	1	BAT- 01	Administration Fee	33.10	33.10
Sample Type:	Rock	6	PREP- 31	Crush, Split, Pulverize	7.70	46.20
Account:	DELOCH	3.45	PREP- 31	Weight Charge (kg) - Crush, Split, Pulverize	0.75	2.59
Date:	22- JAN- 2018	6	ME- ICP41	35 Element Aqua Regia ICP- AES	11.50	69.00
Project:		3	ME- OG46	Ore Grade Elements - AquaRegia	8.95	26.85
P.O. No.:		3	Cu- OG46	Ore Grade Cu - Aqua Regia	2.55	7.65
Quote:						
Terms:	Due on Receipt					
Comments:	C2					

SUBTOTAL (CAD) \$ 185.39

R100938885 GST \$ 9.27

TOTAL PAYABLE (CAD) \$ 194.66

To: CHRISTOPHER DELORME
 ATTN: CHRISTOPHER DELORME
 340 LOGAN LANE AVE.
 MERRITT BC V1K 1C8

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
 Bank: Royal Bank of Canada
 SWIFT: ROYCCAT2
 Address: Vancouver, BC, CAN
 Account: 003-00010-1001098
 Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7

PAID



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 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **CHRISTOPHER DELORME**
340 LOGAN LANE AVE.
MERRITT BC V1K 1C8

Page: 1
 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 22-JAN-2018
 This copy reported on
 23-JAN-2018
 Account: DELOCH

CERTIFICATE KL18005100

This report is for 6 Rock samples submitted to our lab in Kamloops, BC, Canada on 8-JAN-2018.

The following have access to data associated with this certificate:

CHRISTOPHER DELORME

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES


ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG46	Ore Grade Cu - Aqua Regia	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

To: **CHRISTOPHER DELORME**
ATTN: CHRISTOPHER DELORME
340 LOGAN LANE AVE.
MERRITT BC V1K 1C8

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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 North Vancouver BC V7H 0A7
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Page: 2 - A
 Total # Pages: 2 (A - C)
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 Finalized Date: 22-JAN-2018
 Account: DELOCH

CERTIFICATE OF ANALYSIS KL18005100

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
Aspen - 1		1.08	7.7	4.24	12	10	50	0.7	11	3.50	2.1	15	4	>10000	4.83	10
Aspen - 2		0.89	8.4	3.88	26	10	70	<0.5	11	3.32	2.5	13	4	>10000	3.51	10
Aspen - 3		0.76	4.9	5.07	14	10	90	<0.5	11	3.41	9.1	15	4	>10000	4.64	10
[REDACTED]																

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



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Page: 2 - B
 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 22-JAN-2018
 Account: DELOCH

CERTIFICATE OF ANALYSIS KL18005100

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
Aspen - 1		5	0.09	10	1.60	1620	7	0.07	4	1530	70	0.43	3	10	259	<20
Aspen - 2		5	0.08	10	1.31	997	4	0.07	3	1400	54	1.26	2	10	291	<20
Aspen - 3		1	0.10	10	1.29	1086	7	0.12	4	1510	29	0.16	2	8	453	<20
[REDACTED]																

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



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 North Vancouver BC V7H 0A7
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Page: 2 - C
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CERTIFICATE OF ANALYSIS KL18005100

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	Cu %
		0.01	10	10	1	10	2	0.001
Aspen - 1		0.26	<10	<10	206	<10	516	4.99
Aspen - 2		0.23	<10	<10	139	<10	376	6.43
Aspen - 3		0.24	<10	<10	186	<10	248	3.18
[REDACTED]								
[REDACTED]								

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



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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 22-JAN-2018
Account: DELOCH

CERTIFICATE OF ANALYSIS KL18005100**CERTIFICATE COMMENTS****LABORATORY ADDRESSES**

Applies to Method:	Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.			PUL-31
	CRU-31	CRU-QC	LOG-22	
	PUL-QC	SPL-21	WEI-21	
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Cu-OG46	ME-ICP41	ME-OG46	

14.0 Conclusions and Recommendations

The 2017 Program was successful in finding and establishing consistent grades and workings from historical reports. Copper Mineralization was traced for 250 meters From Sample #1 to the Volcanic Breccia Showing. Historical Trenches were sloughed in beyond a point where investigation is possible by means of hand digging. The Shear Zone appears to follow a NNW/SSE fault structure trending roughly 340 degrees and dipping 15 degrees to the W/SW. It is possible that the Shear Zone is continuous for the 250 meters along strike but may be buried under overburden. Soil Sampling and Further Prospecting is recommended to delineate the total extent of the mineralization.

15.0 Authors Qualifications

The author has spent over 20 years in the exploration industry. Work related experience has been over the past 20 years or more, staking mineral claims in the USA and Canada, conducting or working on the crew of geophysics with methods of VLF, Magnetometer, Induced Polarization and Self-Potential Survey's. Conducted numerous soil sampling surveys and also line cutting. I have also worked on over 15 different types of diamond drills, have experience in roadbuilding and heavy equipment operation, completed reclamation requirements on mineral properties, researching mineral properties, evaluating data, prospecting and report writing and preparation as well as permitting and first nation consultation. The Author has also worked on an operating mine from weighing in the trucks of ore to final stages of shipping the ore.

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17.0 Cost Statement

Report Maps			1500
Prospecting	2 Man Days x 2 Men C+G Delorme	4x\$400 June 10th and December 19th	1600
Lab ALS	1 Trip Jan 22nd C Delorme	Half Day @\$200	200
Truck		500km @.50 cents km	250
Assays	3 samples		129.35
Microscopic photos	x4@\$20 per photo		80
Food Room and Board			700
Supplies	Flagging ,Batteries, Etc		90.65
		Total	4550