



# Ministry of Energy, Mines & Petroleum Resources Mining & Minerals Division

Assessment Report

BC Geological Survey	Title Page and Summar;
TYPE OF REDDITTBype of survey(st):	TOTAL COST: \$2280,00
	SIGNATUREIS
NOTICE OF WORK PERINT NUMBER/(SIDATE(S):	YEAR OF WORK: Zo12
STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(R):	474790
PROPERTY NAME: BX SOUTH CLAIM GRO	
CLAIM NAME(S) (on which the work was done): 932	153 no clin name
gian for reference on mit	
COMMODITIES SOUGHT: Capper/Slver/Molyberdu.	160ld
MMERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092INE	642
MINING DIVISION: Kamlay5 NTS	mas 092I10W/092I056
LATITUDE: 50 ° 30 '0357' LONGITUDE: 120 ° 5	5 '41.53" (at centre of work)
OMNERIAS Christopher Delorme 30 6	
WARRING ADDRESS JOS LOGAN CANE pare ADD THO  VIK 1PF	S MERRITT B.C.
OPERATORIS   June paid for the work]:  1) Charis to phar Delare 31	Gy Deloine
HALLING ACCRESS: 240 COGAN LANE = 12/ orbits  VIKIP 7 November 15	meerITBC.
PHOPERTY GEOLOGY KEYWORDS (BROOKS), aga, glostygraphy, structure, absoration  Out 12 Aut 14 (Bithlen Phote 9)  Late Thasse-Milde ) Masse	o, reservativation, streams attracting: Brooks of the Brooks shall.
gyosun, propylitic alteration	6
REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT N	UNBERS

Next Page

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COST: APPORTIONE: (Incl. support
GEDLOBICAL (scale, area)			
Ground, mapping			
Photo interpretation			
BEOPHYSICAL/New Alternatives)			
Ground			
Magnetic			
Electromagnetic		1	
Induced Polerization /			
Radiometric			
Selemic			
Other			CVS
Aktome			1-
SEOCHENICAL.			-1
(number of eatrpies analysed for	.)		of the
Soil			- 2
SH	- /		- (4)
Control of the contro	do 3.9 Metres The	930/53	186.630
Other			
DRIBLING (total matres; number of holes, six	n)		-
Core			
Non-core			
RELATED TECHNICAL			
Samplinglassaying			1
Petrographic			10
Mineralographic			- jo
Metallurgio.	21.1	1614296, 926652, 014254, 97015	2.
PROSPECTIVG (scale, eres)	360 hectures	1014303, 926531,1014301,	2
PREPARATORY / PHYSICAL			000
Line/grid (kilometres)			
Topographic/Photogrammeb) [scale, area)	ė		
Legal surveys (scale, area)			
Road, local access (kilometre			
Trench (metres) hand	trendual 3-2-ties	930153	
Underground dev. (metres)			
Other			(Applied)
		TOTAL COST:	\$1596.01
		TOTAL COST:	MIN IN IN

# **ASSESSMENT REPORT**

for

# **GEOCHEMICAL and PROSPECTING**

Work Done on 926652,930152,930153,1014169,1014259,1014296,1014301,1014302,1014303 1014305, 1014764

on the

# BX SOUTH CLAIM GROUP

Kamloops Mining Division BCGS 0921.046/.056 Center of Work

5,596,390 N 646,917 E

BC Geological Survey Assessment Report 34634

Owner

Guy Delorme and Christopher Delorme

Operator

Guy Delorme and Christopher Delorme

Author

**Christopher Delorme** 

Work performed on October 27<sup>th</sup> to the 29<sup>th</sup> 2013

**Event Number** 

5474790

Table of Contents	Page
Summary	2
Introduction/ Property	2
Location and Access	3
Location Map/Climate Physiography	4
Claim Location Map/Water and Power	5
Infastructure/Claim Map	6
History and Previous Work	7
Regional Geology	8
Regional Geology Map/Property Geology	9
Property Geology Map/Mineralization	10
Rock Sample Photo/Traverse Map	11
2013 Work Program/Site Location Samples Photo	12
Assay Certificates13	to 19
Location and Values Map Samples/Rock Descriptions	20
Conclusions/References	21
Cost Statement/Authors Qualifications	- 22

### **SUMMARY**

The BX South Claim Group was acquired to extend the known IP survey and add additional fractional claims to the BX main grid area for prospective further target areas . Previous work conducted on the Northern portion of the claim block near the main showing gave interesting results which has led to this current work program. The property has a total area of 1089.16 hectares which is situated in the Highland Valley Area near Logan Lake BC. The boundaries of the mineral claims are 3km to the east to the Town of Logan Lake and 3 km west to the historic Bethlehem mine at their closest points.

The Highland Valley area is one of the most attractive belts in British Columbia for potential copper deposits. Numerous discoveries have been made over recent years by various different operators. Highland Valley Mine to date still is one of the largest operating mines in North America with expansions underway to sustain the mining industry in this area.

Re-evaluation was taken into consideration during this year's prospecting and geochemical program of previous work programs to identify new showings and interpret historical data. Mineralization appears to be confined to the altered diorite which has no magnetic signatures and would show a low resistivity. One new discovery was made during this year's Prospecting program.

# **INTRODUCTION**

From October 27<sup>th</sup> to October 28<sup>th 2013</sup> an exploration program was conducted for two days by Christopher and Guy Delorme over the BX South Claim Block. Several samples were collected and sent for assay over different areas of the claims. The purpose of the work program was to identify dioritic rocks that extend from the known showings to the north and overlay the existing IP anomaly and magnetometer surveys on the south.

The Writer has previously worked on portions of the current program and is familiar with the area.

### **PROPERTY**

The BX South Claim Group is comprised of 14 different contiguous mineral tenures covering a total area of 1089.16 hectares.

Tenure	Туре	Claim name	Good Until	Area (HA)
Number				
926529	mineral	HIGHLAND VALLEY EAST	2022/10/29	472.5509
926530	Mineral	HIGHLAND VALEEY EAST 2	2022/10/29	287.79
926531	Mineral	HIGHLANDVALLEY COPPER	2022/10/29	20.55
926652	Mineral		2014/10/29	20.55
930152	Mineral		2014/10/29	20.55
930153	Mineral		2014/10/29	41.11
1014169	Mineral		2014/10/29	41.10
1014259	Mineral		2014/10/29	20.55
1014296	Mineral		2014/10/29	41.09
1014301	Mineral		2014/10/29	41.11
1014302	Mineral	HC SLIVER	2014/10/29	20.55
1014303	Mineral		2014/10/29	41.11
1014305	Mineral		2014/10/29	20.56
1014764	Mineral	FRACTION	2014/10/29	20.56

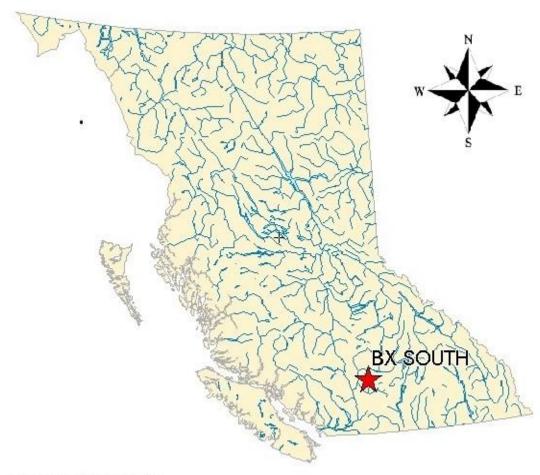
### LOCATION AND ACCESS

The BX South Claim Group is located in the Highland Valley Copper Camp within BCGS map number 092H.046/.056 in the Kamloops Mining District. The Property is 209 air kilometers northeast of Vancouver B.C. 44 kilometers southwest of Kamloops and within eight kilometers east of the Highland Valley Copper Mine. The center of the work is situated at UTM coordinates 5,596,390 N 646,917 E. Access to the property is from Logan Lake B.C. via highway heading west, from the junction which starts as 97C highway, tenure 926530 can be reached by travelling 2.05 km west on highway 97C for a further distance of 1.67km on the road leaving the property at this point. Heading further down 97C for a total of 6km in total from the beginning of 97C turn right onto a gravel road then make an immediate left and go a total of 3.6km staying on the same road to reach the southern boundary of 1014301 at UTM coordinate 5595800 N 647411 E. Proceeding another 750 meters down this road will lead to the center of the work program.

Figure 1.

# **BX SOUTH CLAIM GROUP**

# **LOCATION MAP**



lap Center: 54.4781N 124.7082W

### CLIMATE AND PHYSIOGRAPHY

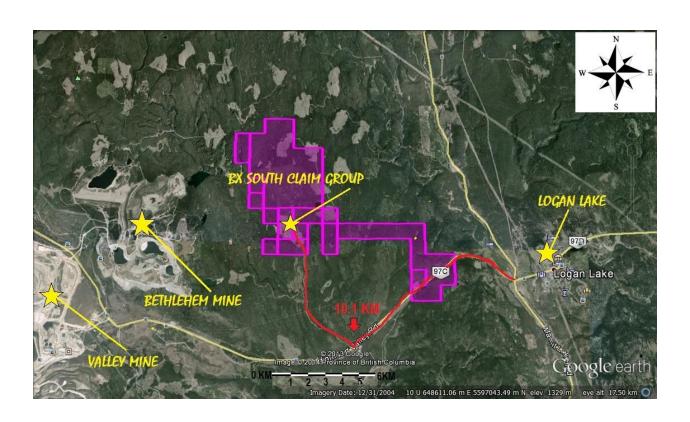
The Highland North is situated within the dry belt of British Columbia with rainfall between 25cm and 30 cm per year. Temperatures during the summer months could reach a high of 35 C but average 25 C with the winter temperatures reaching a low of -10 C and averaging 8 C. Snow cover on the ground is common from December to April which would not hamper a year-round exploration program.

The Property is covered mainly by a moderate to dense stand of forest cover with localized logged areas.

The topography is of a gentle to moderate terrain and slopes with elevations ranging from 1,090 meters within a valley in the southeast and up to 1,470 meters.

Figure 2.

# BX SOUTH CLAIM GROUP CLAIM LOCATION



# WATER AND POWER

Sufficient water for all phases of the exploration program should be available from the many lakes and creeks, which are located within the confines of the property. A high voltage power line is located two kilometers east of the Property with a power line supplying the needs of the Highland Valley Mine passing through the southern portion of the Property. A gas line runs through the property as well.

# **INFRASTRUCTURE**

Merritt, or Kamloops, 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. Logan Lake, where many of the Highland Valley employees reside, has many facilities to accommodate any exploration crew. Currently there are upgrades being constructed to accommodate extra needs for power consumption in the area for electricity.

Figure 3

**BX SOUTH CLAIM GROUP** 

CLAIM MAP (Map from Map Place)



## HISTORY AND PREVIOUS WORK

A majority of the past exploration work programs were done in the 1950's and 1960's during the boom of the highland valley discovery area. Since then many different companies over the years have gone in and done various different types of exploration methods to discover a deposit. Some information is not available from past work.

 $\label{eq:prescription} PREVIOUS~1958: \quad \text{The showing was trenched by the B.X. Mining Company.}$ 

1958: In 1958 the BOB STAR and COW groups were optioned by Noranda Company Limited and Work consisted of ground electromagnetic survey and geological mapping. Trenching and 8 km of road were constructed; the options were dropped by midsummer. AR 241

1965: The Consolidated Mining and Smelting Company of Canada Limited completed 15 kilometers of Induced Polarization Survey on the Cow Claims.

1969: In 1969 work done on behalf of Laura Mines Limited on the WJ claims, which covered the BX showing, consisted of 93 kilometers of line cutting, 1567 soil samples, 93 kilometers of ground magnetometer survey and 43 kilometers of induced polarization geological mapping, 4 trenches totaling 152 meters were bulldozed and 9 diamond drill holes totaling 853 meters were drilled. AR 2,187.

**2011:** SJ Geophysics Ltd. Completed a 3D IP Survey and a Magnetometer Survey on the BX Property for Happy Creek Minerals Ltd.

**2012:** Blue River Resources completed 5 Diamond Drill Holes Hole's totaling 1,158.17 meters on tenure number 926529.

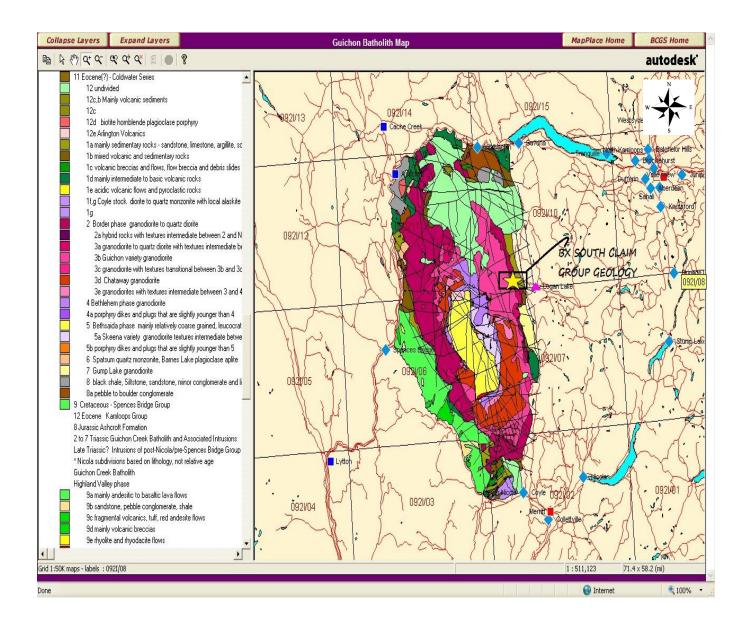
# Regional Geology:

The Guichon batholith is an early Jurassic composite calcalkaline batholith with a NW trending axis. The Guichon Creek batholith is one of the most studied intrusions in the Canadian Cordillera because it hosts rich porphyry Cu and Mo deposits and is the principal Cu reserve for British Columbia (McMillan, 1985). Interpretation of gravity data suggests that the north-northwesterly elongate plan of the intrusion is a section through the top of an inverted champagne glass shape which leads downwards to a steeply east north east plunging conical stem more than 8 km deep (Ager et al., 1973). The batholith is composed of several concentric phases which have contacts that may be sharp locally but are generally gradational. The phases of the batholith can be distinguished on the basis of composition and texture; from oldest to youngest they are: (i) Hybrid phase, (ii) Highland Valley phase (HVP), (iii) Bethlehem phase (BTL) and (iv) Bethsaida phase (BTS). K-Ar ages suggest that the batholith was emplaced in a single brief period of intrusion in the early Jurassic.

Figure 4

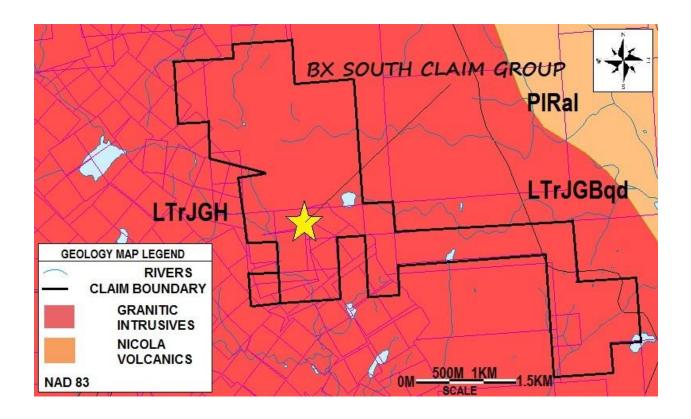
**BX SOUTH CLAIM GROUP** 

Regional Geology Map



### **PROPERTY GEOLOGY:**

The Highland North is underlain by the Guichon Creek Batholith with a predominant Highland Valley Phase of quartz dioritic rocks with a portion of the Property in the southeast underlain by the Bethlehem Phase granodioritic rocks. The Batholith/Nicola contact is northerly within a kilometre in the southeast and north westerly as a fault contact in the northeast. Reported structures on the Property include a north trending fault in the IP Surveyed area.



#### **MINERALIZATION:**

Mineralization on the BX south claim group consists of malachite, chalcopyrite, azurite and bornite in a shear zone located at 646916 E 5596402 N. The mineralized zone is a 3 meter wide east west trending zone consisting of a clastic/granodioritic/dioritic rock type all having varying amounts of copper oxides and or sulphides distributed throughout. Various other portions of the claims have fine disseminated copper sulphides in the granitic rocks under high magnification.

FIGURE

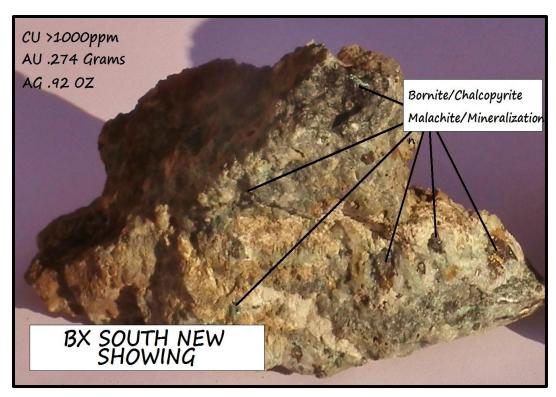
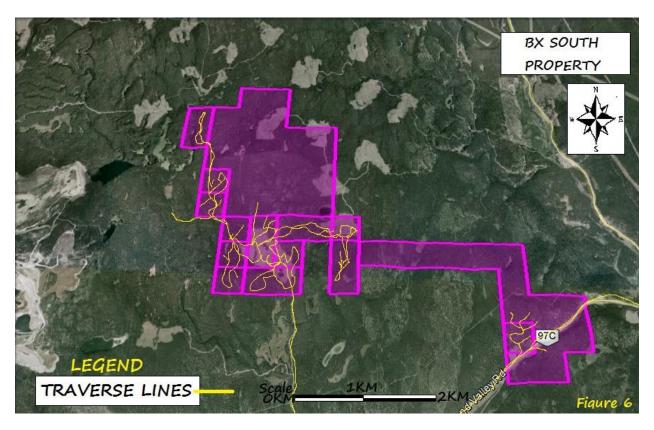


Figure 6 Traverse Map



#### 2013 WORK PROGRAM

The 2013 work program was successful in finding mineralization with elevated values in gold silver and copper in three out of the 6 samples sent in for assay. The main discovery is at 646911E and 5596417N NAD 83 location. 2 other samples were taken nearby with minimal results. Scarce other locations throughout the property had chalcopyrite mineralization under 80 x magnification in the granitic rocks. Three days were spent on the property looking for bedrock that hosts mineralization, due to extensive overburden finding bedrock was scarce.

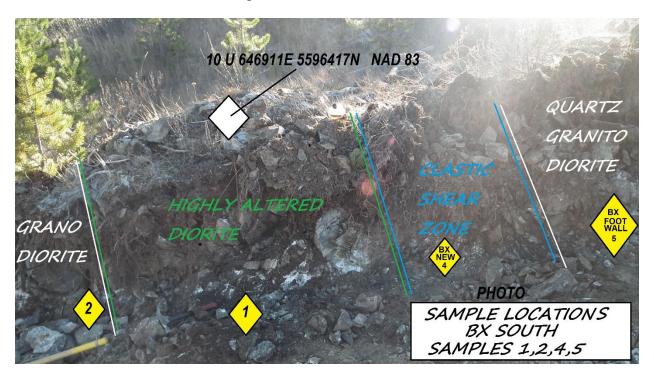


FIGURE 7 MAP PHOTO



Bill To: Delorme,

Christopher #340

Merritt, BC V1K1P9

Logan Lake

CANADA

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St.
Vancouver, BC Canada V6P 6E5
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Invoice Date: January 6, 2014
Invoice Number:

PRO13005289

Submitted by: Christopher

Delorme

Job Number: VAN13005289

Order Number:

Project Code: BX SOUTH

Shipment ID:

			Quote Numb	er:	
Item	Package	Description	Sample No.	Unit Price	Amount
1	R200-250	Crush and Pulverize 250 g	3		\$21.60
2	1DX2	15g Aqua Regia digestion ICP-MS	3	\$19.95	\$59.85
3	DIS-PLP	Warehouse handling of pulps	3	\$0.10	\$0.30
4	DIS-RJT	Warehouse handling of reject	3	\$0.25	\$0.75
			Net Total		\$82.50
			Canadian G	ST	\$4.13
			Grand To	tal CAD	\$86.63

#### Invoice Stated In Canadian Dollars

#### Payment Terms:

Due upon receipt of invoice. Please pay the last amount shown on the invoice.

For **cheque payments**, please remit payable to: Acme Analytical Laboratories (Vancouver) Ltd., 9050 Shaughnessy St. Vancouver BC, V6P 6E5 Please specify Acme invoice number on cheque remittance.

For **electronic payments**, please wire funds to one of the following accounts:

For payment in Canadian Funds: Acme Analytical Laboratories (Vancouver) Ltd. HSBC 885 West Georgia St For payment in US Funds: Acme Analytical Laboratories (Vancouver) Ltd. HSBC 885 West Georgia St



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd. 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA PHONE (604) 253-3158

Client: Delorme, Christopher

#340 Logan Lake

Merritt BC V1K1P9 CANADA

Submitted By: Christopher Delorme Receiving Lab: Canada-Vancouver Received December 17, 2013 Report Date: January 24, 2014 Page:

1 of 2

#### **CERTIFICATE OF ANALYSIS**

#### VAN13005289.1

#### CLIENT JOB INFORMATION

Project: BX SOUTH

Shipment ID:

P.O. Number

Number of Samples:

#### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

ADDITIONAL COMMENTS

Procedure	Number of	Code Description	Test	Report	Lab
Code	Samples		Wgt (g)	Status	
R200-250	6	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	6	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

#### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days

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

Delorme, Christopher Invoice To:

#340 Logan Lake Merritt BC V1K1P9 CANADA

CC:



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

All results are considered the conflicential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.

""" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Client: Delorme, Christopher

#340 Logan Lake

Merritt BC V1K1P9 CANADA

es Group Company www.acmelab.com

Project:

BX SOUTH

Report Date:

January 24, 2014

Acme Analytical Laboratories (Vancouver) Ltd. 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA PHONE (604) 253-3158

Page:

2 of 2

Part: 1 of 2

														7,000	30.				15.70		5307
CERTIFICA	ATE OF AN	IALY	/SIS	3												VA	AN1:	3005	5289	).1	
	Method Analyte	WGHT Wgt	1DX15 Mo		1DX15 Pb	1DX15 Zn	1DX15 Ag	1DX15 Ni	1 DX15 Co	1DX15 Mn	1DX15 Fe	1DX15 As	1DX15 Au	1DX15 Th	1DX15 Sr	1DX15 Cd	1DX15 Sb	1DX15 Bi	1DX15 V	1DX15 Ca	1DX15 P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1	Rock	0.68	3.5	>10000	37.6	117	33.6	8.8	5.4	1459	2.45	29.2	234.5	2.5	36	2.1	70.5	70.8	17	4.18	0.031
2	Rock	0.63	1.9	6346.3	6.9	84	0.5	9.7	6.3	605	2.05	0.9	32.8	5.2	21	0.3	1.8	0.7	39	1.58	0.052
3	Rock	0.96	< 0.1	54.3	3.3	82	< 0.1	16.8	14.6	586	1.76	5.6	3.2	4.6	29	< 0.1	0.4	0.3	44	1.83	0.040
BX New Showing	Rock	0.05	2.9	>10000	19.4	107	25.9	7.3	4.2	1155	1.90	55.0	278.6	1.8	18	2.1	118.2	68.4	14	2.83	0.023
BX Foot Wall	Rock	0.11	0.3	290.1	11.8	103	0.1	22.2	14.2	1226	2.76	2.0	2.0	6.3	58	< 0.1	0.6	0.2	68	3.09	0.061
BX Pit	Rock	0.08	0.1	87.4	2.2	205	< 0.1	29.8	17.8	1280	2.74	2.7	1.5	3.7	24	< 0.1	0.9	0.1	46	1.12	0.044



Delorme, Christopher

#340 Logan Lake

Merritt BC V1K1P9 CANADA

www.acmelab.com

Project:

Client:

BX SOUTH

X 000111

Report Date:

January 24, 2014

Acme Analytical Laboratories (Vancouver) Ltd. 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA PHONE (604) 253-3158

Page:

2 of 2

Part: 2 of 2

#### CERTIFICATE OF ANALYSIS

#### VAN13005289.1

	Method	1DX15	1 DX 15	1DX15	1 DX 15	1DX15	1DX15	1DX15										
	Analyte	La	Cr	Mg	Ba	Ti	В	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1	Rock	6	8	0.46	13	0.001	<1	0.69	0.007	0.15	0.4	0.69	1.0	< 0.1	1.22	2	0.7	< 0.2
2	Rock	7	14	0.50	13	0.002	2	0.80	0.006	0.27	< 0.1	0.09	1.4	< 0.1	0.49	2	<0.5	< 0.2
3	Rock	5	27	2.55	27	0.008	<1	2.11	0.042	0.06	< 0.1	0.01	7.2	< 0.1	< 0.05	6	<0.5	< 0.2
BX New Showing	Rock	5	7	0.31	17	0.001	4	0.64	0.004	0.23	0.2	1.17	1.1	< 0.1	0.66	2	<0.5	< 0.2
BX Foot Wall	Rock	11	19	0.99	18	0.027	4	1.33	0.013	0.29	< 0.1	0.01	4.3	< 0.1	< 0.05	5	<0.5	< 0.2
BX Pit	Rock	8	26	2.55	66	0.004	1	2.52	0.019	0.17	< 0.1	0.02	5.9	< 0.1	< 0.05	6	<0.5	< 0.2



Client: Delorme, Christopher

#340 Logan Lake

Merritt BC V1K1P9 CANADA

www.acmelab.com

Project: Report Date: BX SOUTH

January 24, 2014

Acme Analytical Laboratories (Vancouver) Ltd. 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA PHONE (604) 253-3158

Page:

1 of 1

Part 1 of 2

QUALITY CO	QUALITY CONTROL REPORT									VAN13005289.1											
	Method Analyte Unit MDL	WGHT Wgt kg 0.01	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm	1DX15 Ca % 0.01	1DX1
Pulp Duplicates	mbe	0.01	011		0.1		9.0	34.1	94.1	-	0.10.1	0.0	010	-				91.1	-	0.01	0100
BX Pit	Rock	0.08	0.1	87.4	2.2	205	< 0.1	29.8	17.8	1280	2.74	2.7	1.5	3.7	24	< 0.1	0.9	0.1	46	1.12	0.04
REP BX Pit	QC		0.2	89.7	2.1	205	< 0.1	31.0	18.0	1259	2.73	3.4	1.3	3.5	23	< 0.1	1.0	0.1	45	1.12	0.04
Reference Materials																					
STD DS10	Standard		13.8	154.2	161.2	357	2.0	74.1	13.2	893	2.81	45.2	74.2	7.9	72	2.5	9.4	13.0	44	1.07	0.07
STD OXC109	Standard		1.4	37.1	11.8	39	< 0.1	75.2	20.3	410	2.90	0.7	211.8	1.6	154	< 0.1	< 0.1	< 0.1	47	0.66	0.11
STD DS10 Expected			14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	7.8	11.65	43	1.0355	0.07
STD OXC109 Expected													201								
BLK	Blank		< 0.1	0.2	<0.1	<1	< 0.1	< 0.1	< 0.1	<1	< 0.01	< 0.5	< 0.5	<0.1	<1	< 0.1	< 0.1	< 0.1	<2	< 0.01	< 0.00
Prep Wash								2,00	-500		-0		7927.7		340						
G1	Prep Blank		< 0.1	3.5	3.6	45	< 0.1	3.0	4.2	545	1.87	0.6	2.6	5.5	58	< 0.1	< 0.1	0.1	36	0.46	0.07



www.acmelab.com

Client: Delorme, Christopher

#340 Logan Lake

Merritt BC V1K1P9 CANADA

Project: BX SOUTH Report Date:

January 24, 2014

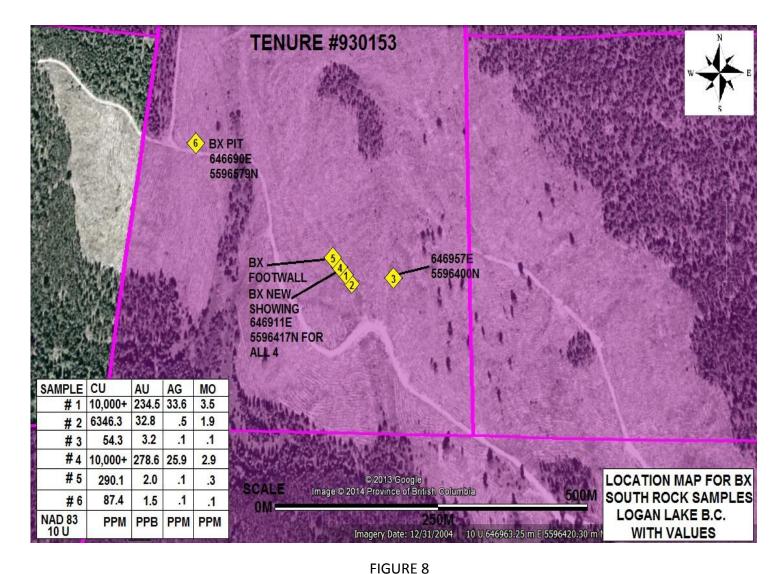
Acme Analytical Laboratories (Vancouver) Ltd. 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA PHONE (604) 253-3158

Page: 1 of 1 Part 2 of 2

#### QUALITY CONTROL REPORT

### VAN13005289.1

	Method	1DX15	1DX15	1DX15	1DX15	1 DX 15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1 DX 15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Mg Ba	Ti	В	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates	**																	
BX Pit	Rock	8	26	2.55	66	0.004	1	2.52	0.019	0.17	<0.1	0.02	5.9	< 0.1	< 0.05	6	< 0.5	< 0.2
REP BX Pit	QC	8	26	2.57	68	0.004	2	2.51	0.019	0.17	<0.1	< 0.01	5.9	< 0.1	< 0.05	7	< 0.5	< 0.2
Reference Materials	19																	
STD DS10	Standard	18	55	0.78	336	0.082	6	1.04	0.065	0.34	3.4	0.29	2.8	5.1	0.29	4	1.8	4.6
STD OXC109	Standard	13	61	1.45	57	0.388	2	1.51	0.676	0.41	0.3	< 0.01	1.1	< 0.1	< 0.05	5	< 0.5	< 0.2
STD DS10 Expected		17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
STD OXC109 Expected																		
BLK	Blank	<1	<1	< 0.01	<1	< 0.001	<1	< 0.01	< 0.001	<0.01	<0.1	< 0.01	< 0.1	< 0.1	< 0.05	<1	< 0.5	< 0.2
Prep Wash								-0.20										
G1	Prep Blank	11	9	0.51	173	0.108	- 1	0.92	0.082	0.51	<0.1	0.01	2.5	0.3	< 0.05	5	< 0.5	< 0.2



ROCK DESCRIPTION

1	Highly Altered Diorite, Dark Blue Dark Green Color, Brecciated
2	Granodiorite , Pink Feldspar Alteration
3	Quartz Granodiorite , Barren of visible mineralization

4	Clastic Shear Zone , Malachite embedded in gouge material ,
5	Quartz Granodiorite , Pink Feldspar Alteration
6	Possible Float from pit, 2 rocks from bottom of pit all slightly dioritic, pit 6 feet deep

FIGURE 9

# **CONCLUSIONS**

Based upon previous reports and geophysics completed from different operators, there is a possibility that the newly discovered zone could be much more extensive. The geophysics of the low resistivity IP and moderately higher IP chargeability anomaly on line 6400N from the 2011 IP program (Zayonce) to further warrant a more aggressive work program. Trenching followed by geological mapping could warrant follow up Diamond Drilling. Sulphide mineralization in the Guichon Creek Batholith makes otherwise seemingly low IP chargeabilties a very good target due to other varying factors and variables.

# **REFERENCES**

Aho, A.E. - Report on Geologic, Magnetometer, and Geochemical Surveys on the Raha Mineral Claims for

Torwest Resources Ltd. October 22, 1958. AR 241.

Baird, J.G. - Report on Induced Polarization Survey on some Ezra Claims for New Indian Mines Ltd. July 28, 1969 AR 1,976.

Google - Downloads

Garrow, T. – 2010 Diamond Drilling Assessment Report on the Dansey Project for Highland North Inc. January 20, 2012. AR 32,980.

Hemsworth, F.J. - Report on the Geochemical Survey of the Ezra Claims for New Indian Mines Ltd. December, 1964. AR 606.

MapPlace – Map data downloads.

Sookochoff, L., Zhonghua, P. – Dansey Project Technical Report for Logan Copper Inc. January 16, 2010.

Stadnyk, M.P. - Report on Geochemical, and Geophysical (Magnetometer and Induced Polarization)

Surveys on the W. J. Mineral Claim Group for Laura Mines Ltd. December 12, 1969. AR 2,

Zayonce, L. – Logistics Report on a Three Dimensional Induced Polarization Survey on the BX Property

Highland Valley for Happy Creek Minerals Ltd. October 2011.

# **COST STATEMENT**

20
00
00
AL
20
20
50
53
99
50
00
01