

**BC Geological Survey
Assessment Report
38686**



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)]: (T)(C) (W3) TOTAL COST: \$3217.70

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

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): _____ YEAR OF WORK: 2019

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5753272

PROPERTY NAME: _____

CLAIM NAME(S) (on which the work was done): Peacock/Creek

COMMODITIES SOUGHT: Copper Silver Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 09215E055

MINING DIVISION: NICOLA NTS/BCGS: _____

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

OWNER(S): 870515E 5563246N
1) Chris Delorme 2) Greg Delorme

MAILING ADDRESS: 340A Logen Lane Merritt B.C. V1K0B5

OPERATOR(S) (who paid for the work):
1) ~~Chris Delorme~~ Chris Delorme 2) _____
Lionheart Exploration

MAILING ADDRESS: 340A Logen Lane Merritt B.C. V1K0B5
Marine Building suite 1000 355 Burnard St Vancouver BC V6C2G8

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Nicola Group undifferentiated volcanics, Nicola Group Upper trassite, Meanderst, Nicola Belt Lith Granite, Ductile Gneiss, Barite, Mal Chal, argenticiferous barite, native copper

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 425 505 3634 6179, 6180
6264 9214, 9354, 10518, 25283, 28721, 32965, 33375, 34164,
35153.

Next Page

PEACOCK PROPERTY

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	X 8		
Rock	X 1		
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	1.5 km x 800 m		
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:			\$3217.70

TECHNICAL REPORT
ON THE
PEACOCK PROPERTY
NICOLA MINING DIVISION
MERRITT B.C.
EVENT 5724062

CENTER OF WORK
670515E 5563246N
WORK PERFORMED ON TENURE'S
1063801 1058807 1070420
NTS MAP 092107

OWNER'S
CHRISTOPHER AND GUY DELORME
OPERATOR
CHRISTOPHER DELORME
AUTHOR
CHRISTOPHER DELORME

Table of Contents

Page 1 2	Title Page
Page 3	Cover Page
Page 5	Summary Introduction
Page 6	Location/Location Map
Page 7	Claim Status
Page 8	Claim Map/Physiography and Climate
Page 9	Topography and History
Page 14	Regional Geology
Page 15	Local Geology
Page 17	Geology Map
Page 18	Photos Work Program
Page 20	Traverse Map/Sample Description/Results
Page 21	Sample Location Map with Results
Page 23	Assay Sheets/Receipts
Page 37	Conclusions and Recommendations
Page 39	References/Authors Qualifications
Page 40	Cost Statement

1.0 Summary

Christopher Delorme conducted a prospecting and geochemical program over tenure's 1058807,1070420,1063801. The program commenced on August 28th and Completed on August 29th for a total of two days spent on the property. Sample location were identified using a Garmin e-trek handheld GPS using and 83 and UTM datum coordinates. Orange flagging was used in the field to identify sample location's and photo catalogued. A total of 8 stream sediments and 1 rock sample were taken in total. Samples were shipped via Purolator to ALS Laboratory Kamloops. The samples were analyzed by a means of aqua regia digestion ICP. The Purpose of the work program was to identify new areas of mineralization in the Eastern portion of the property for copper silver gold enrichment in the bedrock. Stream Sediment Sampling was completed to further assist in the future of potential upstream mineralization from selected sample sites.

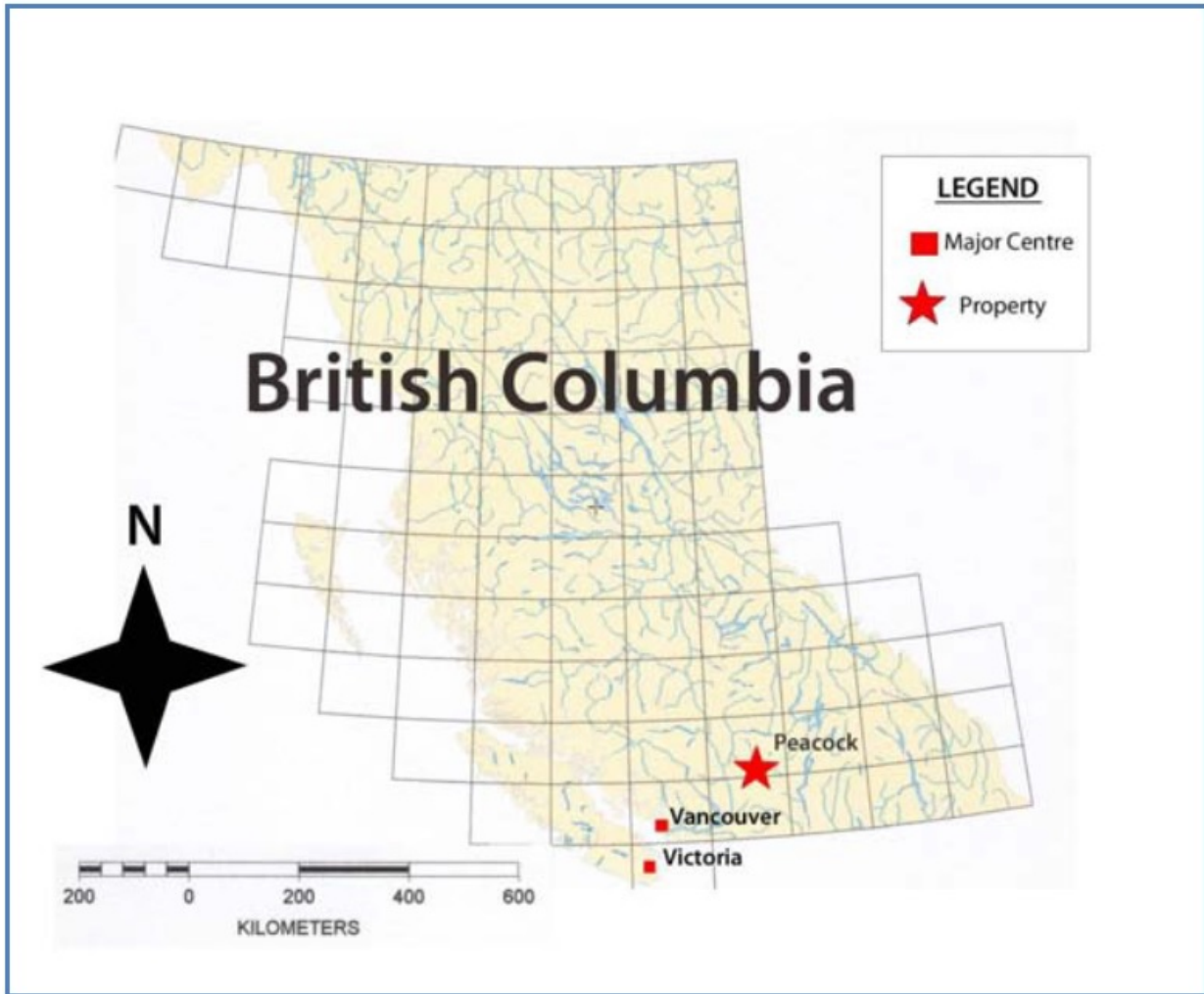
2.0 Introduction

The Property is situated 15 km northeast of Merritt, BC. The property lies within the Nicola Mining Division of British Columbia and comprises 3 mineral claim covering 1385.64 ha.

3.0 Location

The Peacock property is located in south-central British Columbia, 220km by air northeast of Vancouver and 4km north of the west end of Nicola Lake. The approximate geographic coordinates for the center of the property is 670074E 5564163N NAD 83 Zone 10 U elevation 1317meters, on NTS map sheet 92I.027 (92I/02). The Peacock claim group is located approximately 23.5 kilometers northeast of Merritt, British Columbia. Access to the property is from Merritt heading east on HWY 5A on the Princeton Kamloops Highway(5A) until reaching Mill Creek road approximately 7.7 km from the junction off Highway 5. Turn left onto Mill creek FSR and continue on for approximately 4.67 km to the first work area than continue on for a total of 6.17km at this junction there are two routes to enter the property either by Dog Forest Service Road (right) or left onto Coyote Forest service Road. Turn Right and continue on for 5.3 km to the eastern portion of the work area.

3.1 Location Map



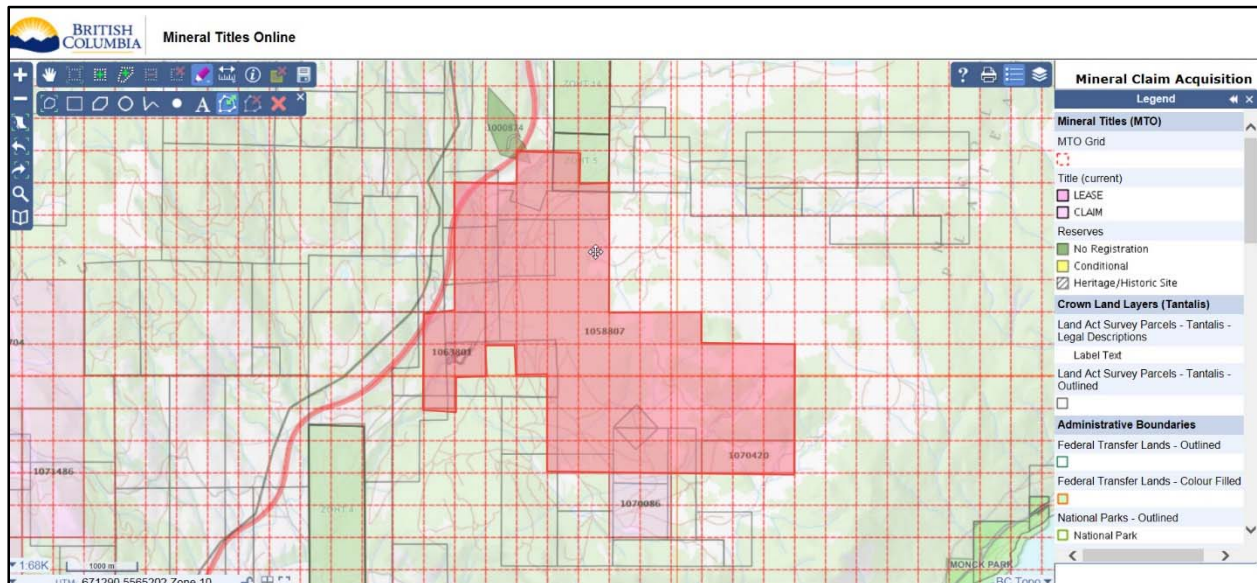
4.0 Claim Status

Tenure	Claim Name	Good to Date	Hectares
1063801	CREEK	2020/10/15	103.41
1070420	PEACOCK EAST	2020/08/16	62.06

1058807	PEACOCK	2020/04/002	1220.17
		total	1385.04

The above mineral tenures are owned by Christopher Delorme and Guy Delorme 50% ownership each. Lionheart Exploration Inc. recently entered into a option agreement to acquire the peacock property over a four year option.

4.1 Claim Map



5.0 Physiography & Climate

The Property is located east of the Cascade Mountains and south of the Highland Valley in the Thompson Plateau physiographic region of British Columbia. Most of the property is covered by medium- to high-density coniferous forest and, to a

lesser extent, deciduous forest. The Property is situated to the north of Nicola Lake. Several creeks including Clapperton Creek or (Mill Creek) border or is on the property. They either enter Nicola Lake or flow into Nicola River, which lies immediately to the south. Much of the area is covered by glacial drift. The climate is semi-arid which is typical of the southern interior of BC. Average annual precipitation is 32cm, consisting of rain and snow. Summer temperatures average 31°C, with winter temperatures on average about -15°C. Extremes of temperatures are possible, with highs approaching +42°C in summer months and -39°C during the winter. There is snow cover usually from November to Early May all depending on each winter's snowpack which varies.

6.0 Topography

The Property is situated north of Nicola Lake. Elevations in the Property area range from 840m to 1700m.

7.0 History

The earliest work on the Property dates back to the early 1900's where several reports discovered from property file (discovered by author) states that in two different time periods a dam blew above Clapperton creek which flooded and as well filled in several shafts on Clapperton Creek the owner of the

claims got a settlement from the government for his losses. Subsequently the area was forgotten until later dates of involvement in the area was later found and re-evaluated. Afterwards in the 1920's copper mineralization was discovered in a high-grade quartz vein Known as the Turlight Mine very similar to the one found in Clapperton Creek. Copper mineralization consisted of chalcopyrite and bornite. In 1929, Turlight Mines Ltd. sank a shaft to 60 feet (18 metres) in order to follow the prospective quartz vein. The workings were inactive until 1947 when they were put back into production by Guichon Mines Ltd.

During 1947 and 1948, the Property was under option to Anaconda Copper Mining Co. They drilled seven holes for a total of 2,578 feet (786 metres) to test the ore-bearing structure. Subsequent to the drilling program, the option was dropped. Guichon Mines Ltd. continued operations until the mine was closed in 1951. The Turlight workings are located within a Crown grant and legacy claim which lies internal to claim number 670683, however its exploration history and ore paragenesis makes it relevant to the assessment of the local geology and mineral potential. A number of exploration programs have run on the Property since mine closure.

In 1962, Toluma Mining and Development Co. performed in-field geochemical analysis of soil samples obtained from the area (Montgomery, 1962). The results were approximations of copper enrichment using assay color-matching techniques. Almost every sample was noted to contain copper. The strongest and

most widespread geochemical reactions were from the southeast section of the Property.

Toluma returned in 1963 to conduct geophysical surveying using Induced Polarization (IP) and Resistivity surveys. The geophysical technique was fairly new as evidenced by the extensive theory section in the report written by McPhar Geophysics Ltd., the providers of the survey equipment. The survey was intended to test areas of previous drilling and stripping and locate conductors on the property that might be a consequence of metallic mineral deposits.

Pacific Petroleum Ltd. worked on the Smith claim group in 1972 (Rowe & Cowan, 1972). Soil sample assay results identified a zone of anomalous copper enrichment trending northwest and covering an area 2,300 feet (701 metres) wide and 4,000 feet (1,219 metres) long. Copper anomalies of up to 7,300 ppm were recorded from this area.

Copperstar Mine Ltd. conducted exploration drilling in the area in 1977 (Lorimer, 1977a). Three holes were drilled for a total of 350 feet (106 metres) to determine the extent of mineralized surface exposure. Copper, molybdenum and silver were slightly above background in all 3 holes. There were some narrow zones of stronger enrichment, but overall it was determined that there was little of economic interest in the results. During the same program, drill testing of the old Turlight workings was undertaken with three holes to a total of 865 feet (263.6 metres) where low-level copper enrichment was encountered.

CRC Explorations conducted two exploration programs

during the year of 1998 and 2006. In 1998 under the supervision of Craig Payne a total of 1188 soil samples were collected as well as 33.7km of line cut and flagged in the Turlight Area in a northwest South East direction above the Claim area of the shaft mostly and as well as on the Turlight Shaft. This survey found two new zones of potential areas of interest the Northwest Zone and the South East Zone. IP was conducted at one time or another over a certain portion of the claim block but attempts to find this information has come up with no success. In 2006 CRC Exploration as well as COLUMBIA YUKON EXPLORATIONS INC conducted a drilling program consisting of 967 meters in 5 holes as well as other geophysics in the area. The results came back nominal to sub-grade this is stated in the report that possibly that the inversion tool used to evaluate the drill targets with the IP may or may not be effective or correlate correctly with the drill results. Subsequently the claims were allowed to lapse and been acquired by the writer.

In 2011 the writer hired Terry Garrow to conduct a geophysical survey over a portion of the claim block. The program consisted of a VLF and Proton Magnetometer Survey to encompass a prospective region of the claim block north of the Turlight Shaft. Total accumulated amount of lines by km length was 8km of survey conducted. The survey delineated two areas of high magnetics each being in the most western portion of the survey and the other in the western portion of the survey. The Geophysicist (Jason Garrow) found several locations of interest which were expressed to the writer to prospect at a later date as

well written in the report to subsequently prospect for potential mineral interest. The VLF also delineated several areas of changes in composition of geological contacts which were subsequently prospected.

In 2012 the writer and owner conducted a prospecting program with Peter Palikot/Guy Delorme to evaluate other potential areas of highly mineralized quartz veins in the vicinity of the Turlight Shaft to the north of the shaft and as well in the South East Area and in the North West Area and in Clapperton Creek. The program was successful in finding high grade copper and enriched silver and gold values as well as some intriguing molybdenum values sporadically. The samples were done by ICP which was not included in the previous reports but re-assays were submitted by the author to obtain a higher-grade evaluation which will be included in the report but not in the cost statement. In 2013 Dot Resources which optioned the property (Option has now been dropped) contracted out Aurora Geosciences (Robin Wylie) to conduct an ELF survey of 4.6km over a portion of the property approximately North West of the Turlight Shaft. The survey delineated one area of interest. Duly noted the ELF machine was bought as the second unit in the world by Aurora Geosciences and the technology is new and in the fore front of emerging technology-based sciences to incorporate a new technology to discover deep hidden based deposits based upon the earth's natural current from lightning strikes. The survey completed has delineated one target area about 500 meters north west from the Turlight Shaft.

In 2014 the writer contracted Laurence Sookochoff to conduct a Structural Analysis over a portion of the property to ascertain the possibilities of hosting a potential deposit.

Between 2014 and current date the Author has conducted several work programs over the Peacock Claim Group. The ARIS reports are 35848/35529/36169/37644/38095/37091.

8.0 Regional Geology

The regional geology is dominated by the Nicola Group of volcanic rocks ranging from andesite to basalt as agglomerates, breccia's and tuffs that have been affected by younger intrusions, such as, the three north-south trending batholiths; the eastern Wild horse Mountain, central Nicola and western Guichon Creek batholiths. The batholiths are of Jurassic age and compositionally zoned from an exterior rim of diorite through to a core of quartz monzonite. The batholiths intrude Nicola Group volcanic and pyroclastic rocks with minor limestone, argillite and conglomerate. The Guichon Creek batholith hosts several world class porphyry copper-molybdenum deposits including Valley Copper, Bethlehem Lornex Highmont and Craig Mont mines. At the northern end of the Nicola batholith is located the alkalic Iron Mask batholith which is host to numerous copper prospects including the Afton and Ajax mines. On the Peacock property, the Nicola Volcanic's are also intruded by the younger Nicola intrusions which are thought to have provided the hydrothermal

alteration and mineralization that make the Peacock Property an attractive mineralized target.

9.0 Local Geology

The Property is located at the southern end of the Nicola Batholith on a regional topographic high known as the Nicola Horst. The batholith is comprised of predominantly coarse-grained granitic rocks, with the central portion being granodiorite. This granodiorite ranges in composition from biotite granite to hornblende biotite tonalite. In addition to the granitoid phases, metamorphosed supracrustal rocks from several ages, and Mesozoic to Tertiary plutonic rocks, occupy the Nicola Horst (Moore, 1989). Intrusion by the Nicola Batholith has produced strong local metamorphism of the Nicola Group volcano sedimentary package. Metasediments, tonalite and tonalite porphyry are found in conjunction with the granodiorite. Metamorphic grade is up to lower amphibolite facies. There are subsequent intrusions of Jurassic to Paleocene granitoids (Moore and Pettipas, 1989). Rocks in the northern third of the horst are Jurassic in age, overlain by Tertiary basalt, while similar intrusive rocks in the south are Paleocene (Moore, 1989). Steep brittle faults separate the Nicola Batholith from surrounding Nicola Group supracrustal. West of the Nicola Batholith is the Coldwater-Clapperton Creek fault zone, to the east is the Quilchena Creek-Stump Lake fault zone, and there is an

unnamed fault zone to the south (Moore, 1989). Fault zones are characterized by closely-spaced fracturing, slickenside lineation's and local hydrothermal alteration. Sparse evidence of ductile deformation features was noted (Moore, *ibid.*).

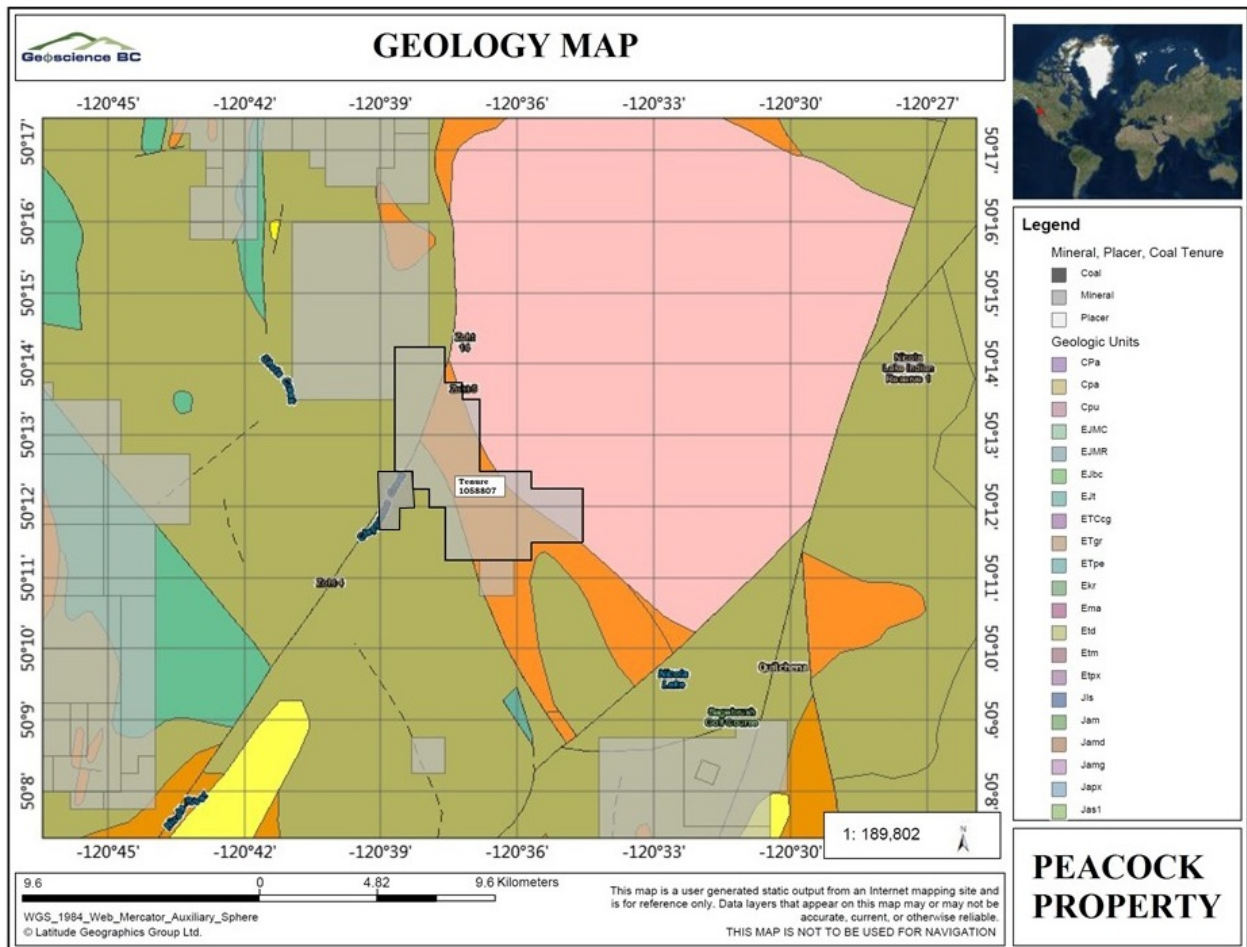
Quartz veins broadly associated with regional deformation events tend to be mineralized with bornite, chalcopyrite and molybdenite. These veins are in turn cross-cut by quartz-feldspar porphyry units which are assumed to be related to Paleocene emplacement of granitoids (Moore, 1989). Mineralization on the Property tends to be associated with quartz veins hosted in granodiorite.

The central Nicola Horst is interpreted as a metamorphic core complex (Ewing, 1980) resulting from extension of the southern Cordillera in early Tertiary time. The contrast in metamorphic grade between the horst and its surroundings, and the age of bounding faults, are consistent with this interpretation.

However most of the strain in the horst is not spatially related to the Tertiary bounding faults, is no younger than Paleocene, and, based upon kinematic evidence, is compressive as opposed to extensional (Moore, 1989). The Paleocene granodiorite is megascopically unstrained except for one locality noted on the west contact where gently west-dipping shear banding has been recorded (Moore, 1989). The contact with the Jurassic granodiorite is poorly defined. The Nicola Horst appears to be a fenster, exposing a deformed terrane that lies below the current erosional level of the enclosing Nicola Group rocks. This

may represent the actual root of the Nicola volcanic arc and its deformation related to arc collisional tectonics and subduction/obduction, as opposed to extensional Eocene tectonics of the Cordilleran mountain belt. Mineral thermal reset dates imply uplift and cooling in Eocene times (Moore, 1989).

9.1 Geology Map

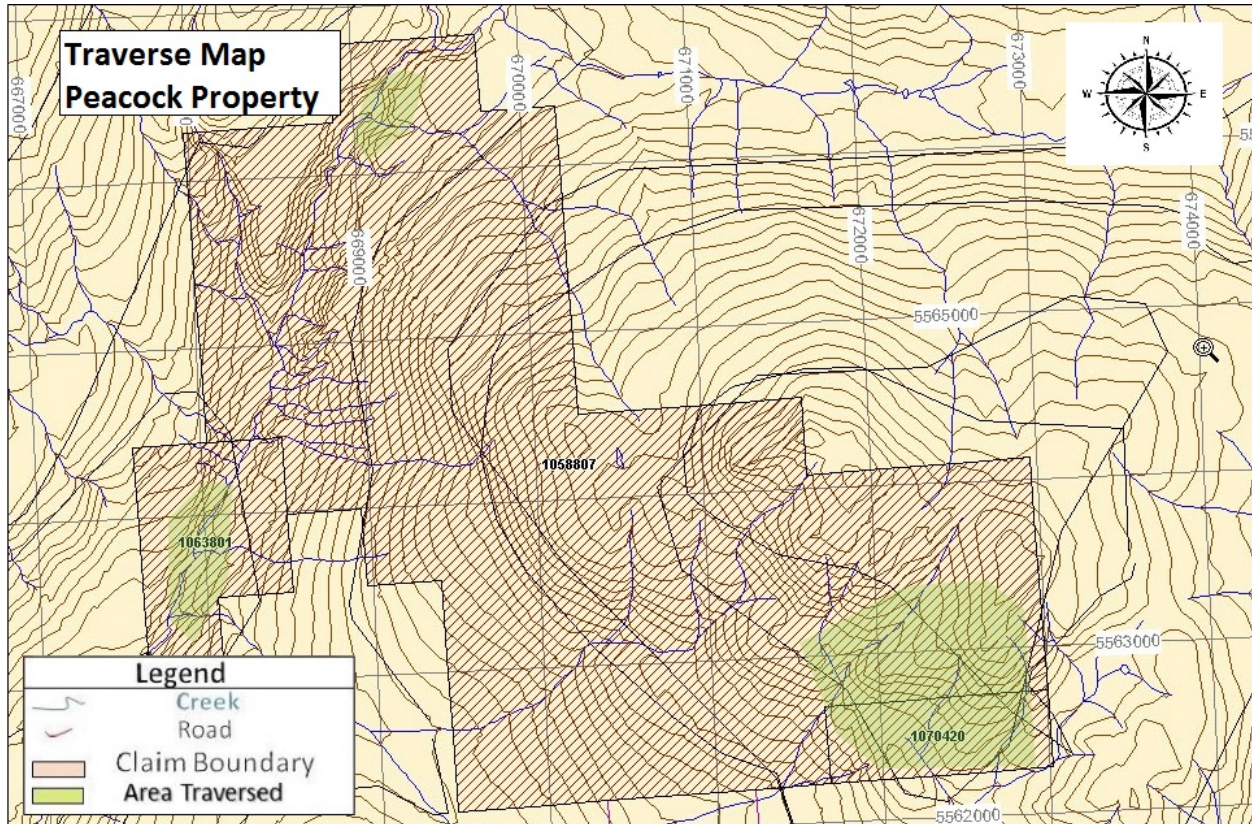


10.0 Photos Work Program





11.0 Traverse Map

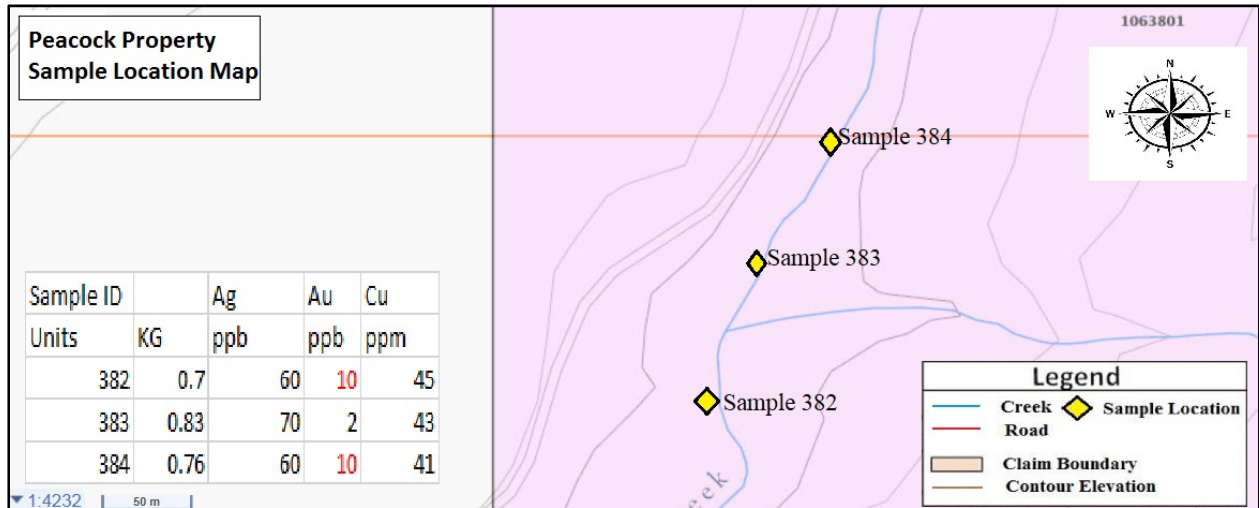


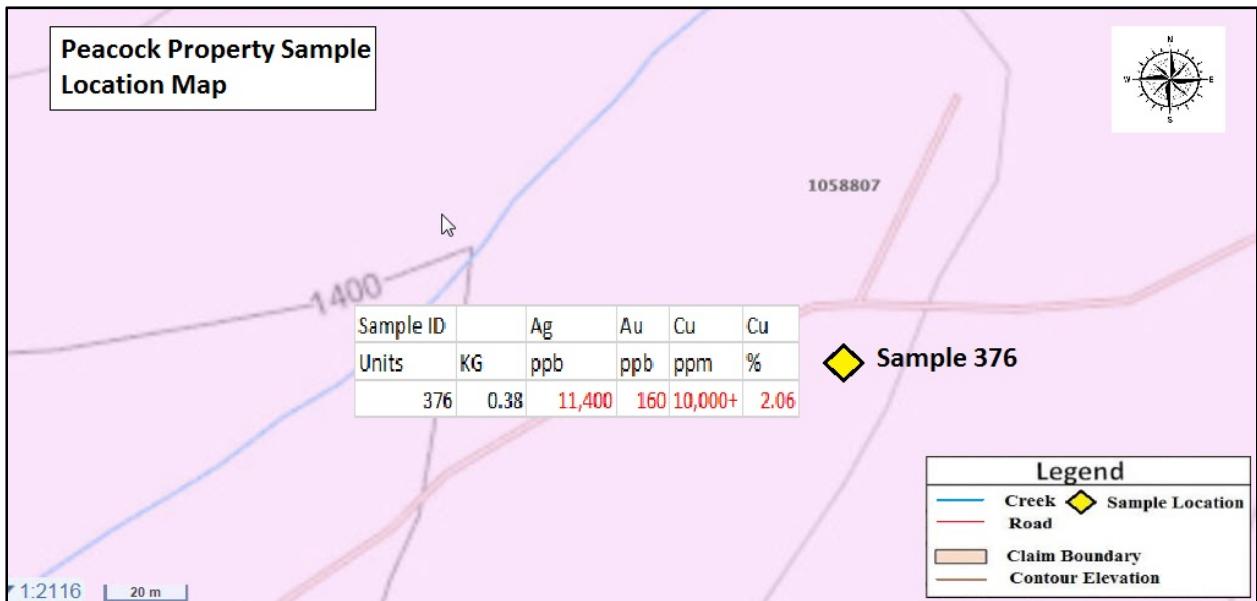
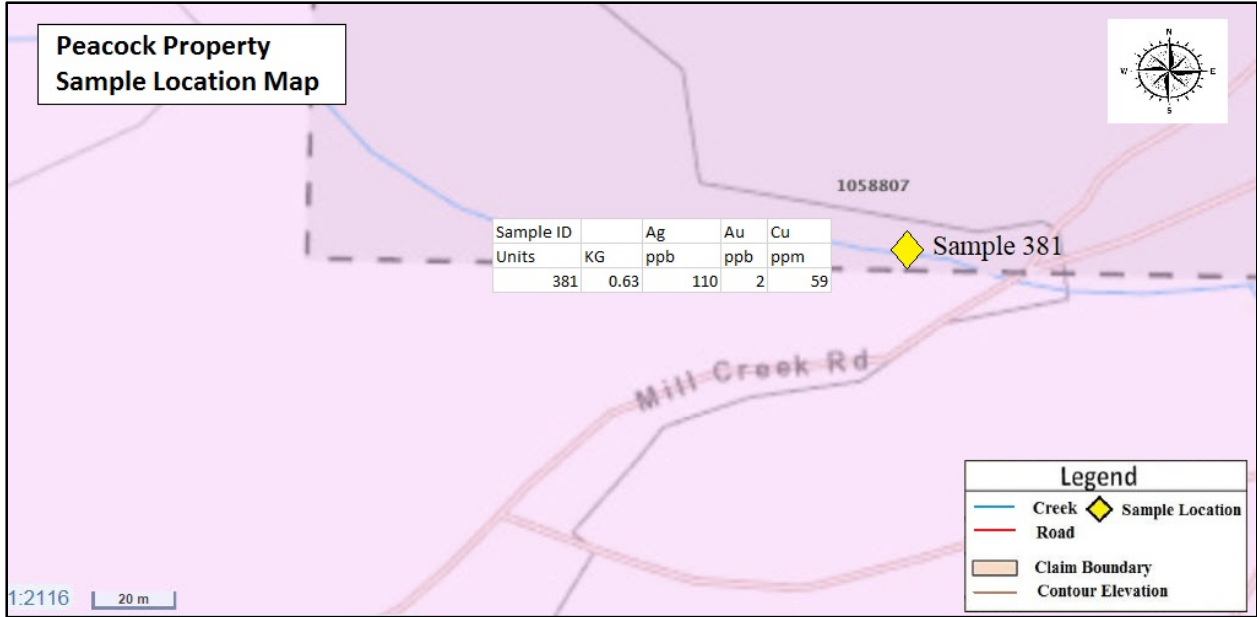
12.0 Sample Descriptions/Results

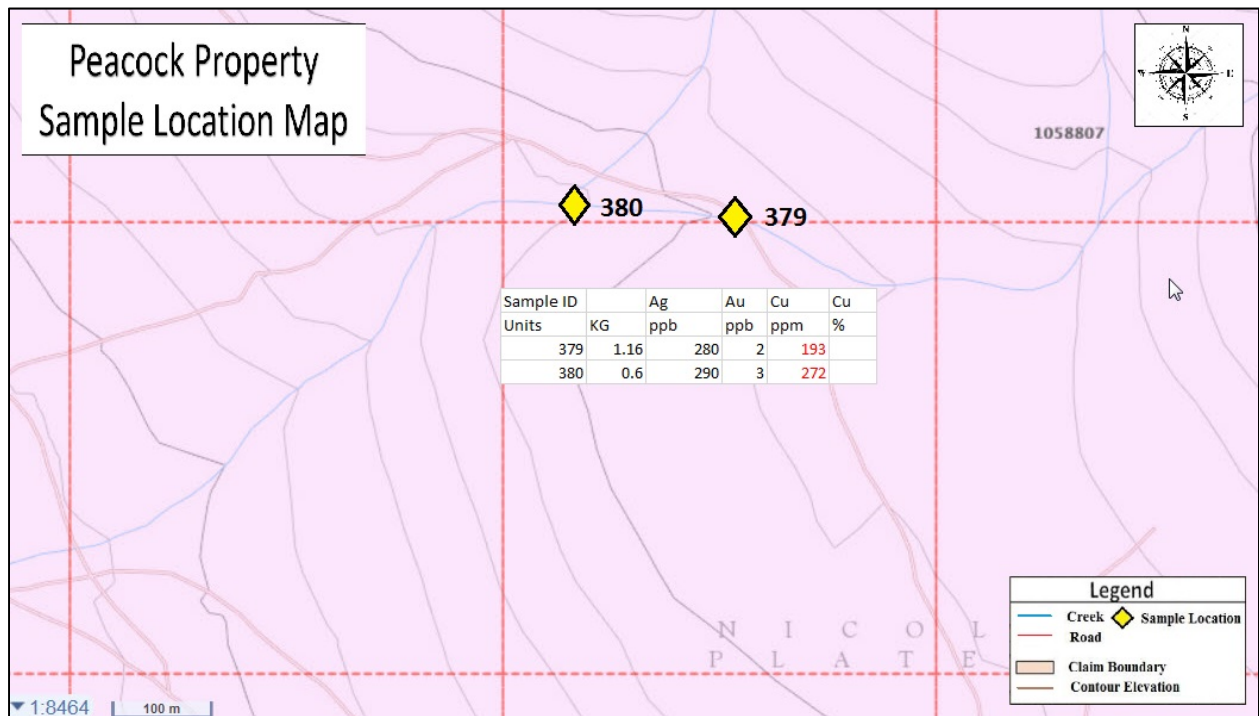
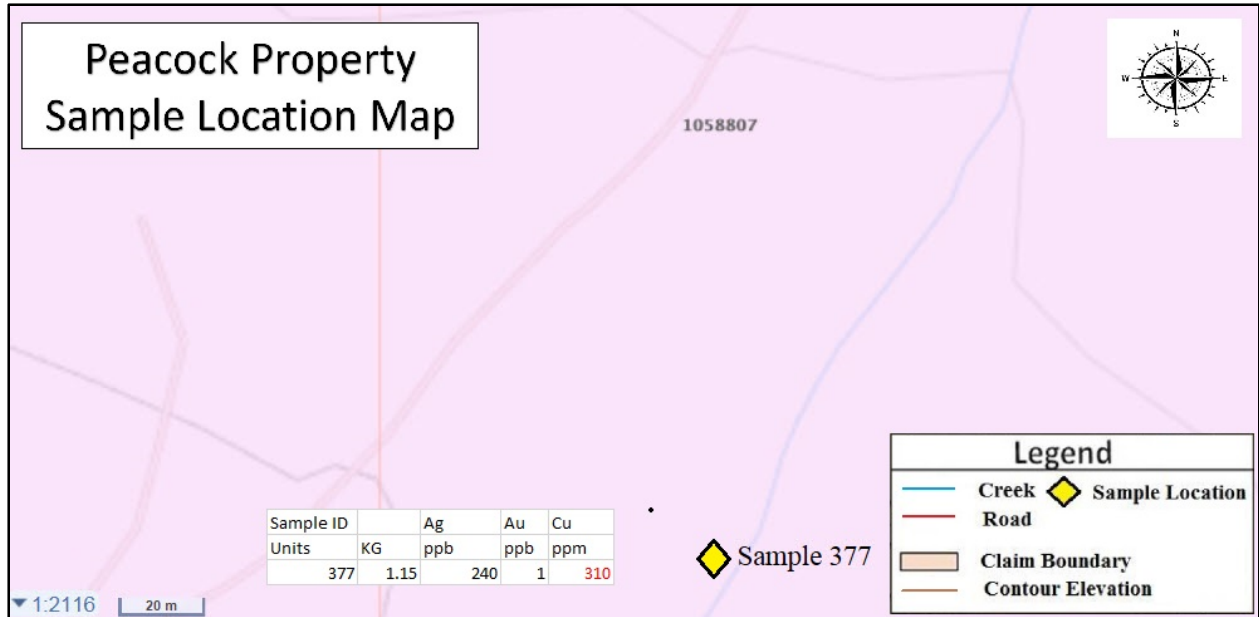
Sample ID	GPS East	GPS West	Description	Mineralization/Sample Quality	Type
376	672261	5563129	Diorite/Qtz stringer/fractured	diss Chalco/Chalco in vein/mal	Rock
377	671413	5562286	Not Sufficent Sample		Stream sediment
378	669838	5562758	stream width 1m dry creek bed	Sediment/Fine Gravel	Stream sediment
379	670580	5563103	stream width 1m dry creek bed	Sediment/Fine Gravel	Stream sediment
380	670370	5563132	stream width 1m dry creek bed	Sediment/Fine Gravel	Stream sediment
381	669553	5566219	dry creek bed	Sediment/Fine Gravel	Stream sediment
382	667765	5563470	Clapperton Creek 5m wide	Good sediment	Stream sediment
383	667764	5563476	Clapperton Creek 5m wide	Good sediment	Stream sediment
384	667800	5563500	Clapperton Creek 5m wide	Good sediment	Stream sediment

Sample ID		Ag	Au	Cu	Cu
Units	KG	ppb	ppb	ppm	%
376		11,400	160	10,000+	2.06
377	1.15	240	1	310	
378	0.46	NSS	NSS	NSS	NSS
379	1.16	280	2	193	
380	0.6	290	3	272	
381	0.63	110	2	59	
382	0.7	60	10	45	
383	0.83	70	2	43	
384	0.76	60	10	41	

13.0 Sample Location Maps with Results







14.0 Assay Sheets & Certificates



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: LIONHEART EXPLORATION
 10TH FLOOR 355 BURRARD ST
 VANCOUVER BC V6C 2G8

INVOICE NUMBER 4914412

BILLING INFORMATION	
Certificate:	KL19256404
Sample Type:	Rock
Account:	LEPHAR
Date:	29-OCT-2019
Project:	Peacock Project
P.O. No.:	
Quote:	
Terms:	Due on Receipt C1
Comments:	

QUANTITY	CODE	ANALYSED FOR DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	37.60	37.60
1	PREP-31	Crush, Split, Pulverize	8.50	8.50
0.38	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.85	0.32
1	ME-MS41	Ultra Trace Aqua Regia ICP-MS	28.60	28.60
1	ME-OG46	Ore Grade Elements - AquaRegia	9.85	9.85
1	Cu-OG46	Ore Grade Cu - Aqua Regia	2.85	2.85

SUBTOTAL (CAD) \$ 87.72

R100938885 GST \$ 4.39

TOTAL PAYABLE (CAD) \$ 92.11

To: LIONHEART EXPLORATION
 ATTN: LEN HARRIS
 10TH FLOOR 355 BURRARD ST
 VANCOUVER BC V6C 2G8

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



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: LIONHEART EXPLORATION
 10TH FLOOR 355 BURRARD ST
 VANCOUVER BC V6C 2G8

INVOICE NUMBER 4914401

BILLING INFORMATION	
Certificate:	KL19256409
Sample Type:	Sediment
Account:	LEPHAR
Date:	31-OCT-2019
Project:	Peacock Property
P.O. No.:	
Quote:	
Terms:	Due on Receipt C1
Comments:	

QUANTITY	CODE	ANALYSED FOR		UNIT PRICE	TOTAL
		-	DESCRIPTION		
8	PREP-41	-	Dry, Sieve (180 um) Soil	1.70	13.60
6.29	PREP-41	-	Weight Charge (kg) - Dry, Sieve (180 um) Soil	2.80	17.61
7	AuME-TL44	-	50g Trace Au + Multi Element PKG	41.20	288.40

To: LIONHEART EXPLORATION
 ATTN: LEN HARRIS
 10TH FLOOR 355 BURRARD ST
 VANCOUVER BC V6C 2G8

SUBTOTAL (CAD)	\$	319.61
R100938885 GST	\$	15.98
TOTAL PAYABLE (CAD)	\$	335.59

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



ALS Canada Ltd.
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To: LIONHEART EXPLORATION
 10TH FLOOR 355 BURRARD ST
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Page: 1
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2019
 This copy reported on 6-DEC-2019
 Account: LEPHAR

CERTIFICATE KL19256404
Project: Peacock Project This report is for 1 Rock sample submitted to our lab in Kamloops, BC, Canada on 10-OCT-2019. The following have access to data associated with this certificate: LEN HARRIS

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rod w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

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: 
 Saa Traxler, General Manager, North Vancouver



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 North Vancouver BC V7H 0A7
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To: LIONHEART EXPLORATION
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 VANCOUVER BC V6C 2G8

Page: 2 - A
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2019
 Account: LEPHAR

Project: Peacock Project

CERTIFICATE OF ANALYSIS KL19256404

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt. kg 0.02	Ag ppm 0.01	Al % 0.01	As ppm 0.1	Au ppm 0.02	B ppm 10	Ba ppm 10	Be ppm 0.05	Bi ppm 0.01	Ca % 0.01	Cd ppm 0.01	Ce ppm 0.02	Co ppm 0.1	Cr ppm 1	Cs ppm 0.05	
376		0.38	11.40	0.62	0.1	0.16	<10	20	0.12	1.59	0.33	0.77	1.31	4.5	8	0.33	

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



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 VANCOUVER BC V6C 2G8

Page: 2 - B
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2019
 Account: LEPHAR

Project: Peacock Project

CERTIFICATE OF ANALYSIS KL19256404

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Cu ppm 0.2	Fe % 0.01	Ca ppm 0.05	Ce ppm 0.05	Hf ppm 0.02	Hg ppm 0.01	In ppm 0.005	K % 0.01	La ppm 0.2	Li ppm 0.1	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01	Nb ppm 0.05
376		>10000	2.08	0.87	<-0.05	<-0.02	0.01	0.059	0.11	0.7	0.5	0.08	80	179.5	0.03	<-0.05

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



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Page: 2 - C
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2019
 Account: LEPHAR

Project: Peacock Project

CERTIFICATE OF ANALYSIS KL19256404

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm
376		2.9	30	2.1	2.3	0.213	1.36	-0.05	0.3	0.7	<0.2	552	<0.01	1.23	0.3	0.006	

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Page: 2 - D
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2019
 Account: LEPHAR

Project: Peacock Project

CERTIFICATE OF ANALYSIS KL19256404

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OC46
		Ti ppm 0.02	U ppm 0.05	V ppm 1	W ppm 0.05	Y ppm 0.05	Zn ppm 2	Zr ppm 0.5	Cu % 0.001
376		<0.02	1.00	7	<0.05	0.30	30	<0.5	2.06

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Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 29-OCT-2019
 Account: LEPHAR

Project: Peacock Project

CERTIFICATE OF ANALYSIS KL19256404

CERTIFICATE COMMENTS	
	ANALYTICAL COMMENTS
Applies to Method:	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). ME-MS41
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada. CRU-31 CRU-QC LOG-22 PUL-31 PUL-QC SPL-21 WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Cu-OC46 ME-MS41 ME-OC46



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Page: 1
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 31-OCT-2019
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CERTIFICATE KL19256409

Project: Peacock Property

This report is for 8 Sediment samples submitted to our lab in Kamloops, BC, Canada on 10-OCT-2019.

The following have access to data associated with this certificate:
 LEN HARRIS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
AuME-TL44	50g Trace Au + Multi Element PKG

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: 
 Saa Traxler, General Manager, North Vancouver

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Page: 2 - A
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 31-OCT-2019
 Account: LEPHAR

Project: Peacock Property

CERTIFICATE OF ANALYSIS KL19256409

Sample Description	Method Analyte Units LOD	WEI-21	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	
		0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05	
377		1.15	0.001	0.24	1.72	0.8	10	100	0.50	0.19	0.86	0.04	11.00	6.0	28	0.84	
378		0.46	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	
379		1.16	0.002	0.28	1.93	1.0	10	130	0.64	0.22	0.96	0.06	21.2	5.7	27	0.83	
380		0.60	0.003	0.29	2.61	1.2	10	180	0.93	0.28	0.97	0.08	25.6	7.4	36	1.17	
381		0.63	0.002	0.11	1.98	2.4	10	160	0.52	0.35	0.85	0.09	18.15	11.2	61	1.02	
382		0.70	0.010	0.06	0.92	1.7	10	90	0.22	0.26	1.33	0.08	12.85	8.9	32	0.68	
383		0.83	0.002	0.07	0.87	1.8	10	80	0.21	0.25	1.22	0.07	13.45	9.2	34	0.62	
384		0.76	0.010	0.06	0.85	1.5	10	90	0.20	0.23	1.18	0.07	11.90	8.3	29	0.66	

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Page: 2 - B
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 31-OCT-2019
 Account: LEPHAR

Project: Peacock Property

CERTIFICATE OF ANALYSIS KL19256409

Sample Description	Method Analyte Units LOD	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44
		Cu ppm	Fe %	Ca ppm	Ce ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
377		310	2.29	4.76	0.05	0.13	0.06	0.015	0.24	10.5	14.7	0.38	245	0.86	0.02	0.89
378		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
379		193.5	1.92	5.42	0.10	0.19	0.07	0.017	0.19	27.8	15.6	0.39	219	0.46	0.02	1.09
380		272	2.87	7.21	0.10	0.19	0.05	0.023	0.29	27.2	21.2	0.51	446	0.30	0.03	1.14
381		59.6	3.98	6.01	0.07	0.10	0.03	0.020	0.23	11.5	19.6	0.61	595	0.56	0.02	0.79
382		45.2	2.09	3.24	0.05	0.04	0.02	0.011	0.15	7.0	7.8	0.63	374	0.51	0.03	0.45
383		43.9	2.33	3.13	0.06	0.05	0.01	0.010	0.12	7.5	7.0	0.63	407	0.57	0.02	0.38
384		41.2	1.98	2.99	0.05	0.03	0.02	0.010	0.14	6.5	7.0	0.58	293	0.40	0.02	0.42

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Page: 2 - C
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 31-OCT-2019
 Account: LEPHAR

Project: Peacock Property

CERTIFICATE OF ANALYSIS KL19256409

Sample Description	Method Analyte Units LOD	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44
		Ni ppm 0.2	P ppm 10	Pb ppm 0.2	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01	Th ppm 0.2	Ti % 0.005	
377		14.7	510	2.6	17.6	0.001	0.04	0.16	3.9	0.3	0.4	46.0	<0.01	0.02	3.5	0.077	
378	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	
379		17.4	590	4.1	13.6	0.001	0.05	0.18	4.6	0.6	0.5	58.5	<0.01	0.02	2.3	0.072	
380		23.4	640	3.7	19.7	0.001	0.04	0.15	6.6	0.6	0.6	58.7	<0.01	0.04	4.2	0.093	
381		21.5	1250	5.6	14.1	<0.001	0.03	0.22	5.3	0.3	0.6	48.7	<0.01	0.03	3.2	0.114	
382		17.8	1460	1.7	8.0	<0.001	0.03	0.19	3.1	0.4	0.2	52.4	<0.01	0.02	1.9	0.070	
383		16.6	1490	2.3	6.7	<0.001	0.02	0.21	2.8	0.3	0.3	46.3	<0.01	0.02	2.8	0.082	
384		14.7	1410	1.6	7.7	<0.001	0.03	0.18	2.8	0.4	0.2	46.2	<0.01	0.02	1.9	0.075	

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Page: 2 - D
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 31-OCT-2019
 Account: LEPHAR

Project: Peacock Property

CERTIFICATE OF ANALYSIS KL19256409

Sample Description	Method Analyte Units LOD	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44	AuME-TL44
		Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.02	0.05	1	0.05	0.05	2	0.5
377		0.13	15.65	49	0.09	10.50	30	5.6
378		NSS	NSS	NSS	NSS	NSS	NSS	NSS
379		0.11	27.7	39	0.08	26.9	42	8.5
380		0.15	9.66	51	0.09	25.7	46	8.1
381		0.10	4.71	102	0.35	10.50	63	3.9
382		0.07	0.55	59	0.09	4.98	38	1.5
383		0.05	0.64	67	0.13	4.84	37	2.3
384		0.06	0.54	58	0.11	4.67	36	1.6

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Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 31-OCT-2019
 Account: LEPHAR

Project: Peacock Property

CERTIFICATE OF ANALYSIS KL19256409

CERTIFICATE COMMENTS	
	ANALYTICAL COMMENTS
Applies to Method:	NSS is non-sufficient sample. ALL METHODS
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada. LOG-22 SCR-41 WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. AuME-TL44

15.0 Conclusions and Recommendations

The 2019 work program was successful in finding a mineralized zone from 1 rock sample and showed elevated copper and gold values from the stream sediment samples. Rock Sample 376 was located in a previously unknown area of historical trenches and apparent diamond drilling. A few old parts of a drill were found within the vicinity of sample 376. High grade copper and elevated silver and gold were obtained from this sample which is quite encouraging since this sample was taken from the most southeastern portion of the property ever

sampled. The stream sediment samples were taken to further guide and give the author an idea of what is average and elevated numbers for the copper silver gold on the property. Sample 379 and 380 were taken 200 meters downstream from the historical Turlight Shaft. The copper values obtained from these samples were elevated comparative to Samples 381 to 384 located in the western portion of the property. Sample 377 had the highest copper content of all the stream sediment samples and is located in a basin that is downstream from several zones of known mineralization upstream from sample 377. Samples 382 to 384 were taken approximately 2.5km downstream from the peacock minfile showing. Sample 382 and 384 showed values of 10ppb au. These samples validate the method of stream sediment sampling in the area since the highest gold value obtained on the property was taken upstream by the author which returned a value of 5 grams per ton in previous work. Sample 378 did not have sufficient material to sample. Sample 381 was taken in the most northern portion of the property no significant values were obtained. Further work recommended for the property is following up in the spring time to see where small run-offs are common and take stream sediment samples widespread for the property to potentially discover new potential zones of elevated copper enrichment in the sediments/soils. An airborne EM/Magnetometer is also recommended for the entirety of the property to guide further exploration methods for potentially conducting an Induced Polarization program over the best areas of interest.

16.0 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 mill from weighing in the trucks of ore to final stages of shipping the ore.

17.0 References

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18.0 Cost Statement

PEACOCK PROPERTY

Cost Statement	Description	Rate	Total
Report		1500	1500
Assays			427.7
Prospecting	Aug 28 full day Aug 29 half day		525
Shipping			60
Lodging			200
Food			100
Organize samples			100
Truck		100 a day	200
Supplies	GPS Batteries sample Bags etc		105
			3217.7