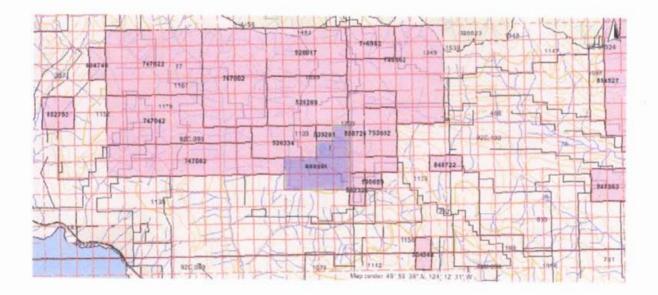




# Technical and Geochemical Assessment Report

The Sherk Lake Project / Red Head Jerry Tenure Vancouver Island, British Columbia

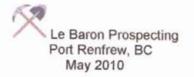
Victoria Mining Division NTS: 092C099 UTM: 48 degrees x 55' x 28" North – 124 degrees x 12' x 36" West



32,324

1

Report By:



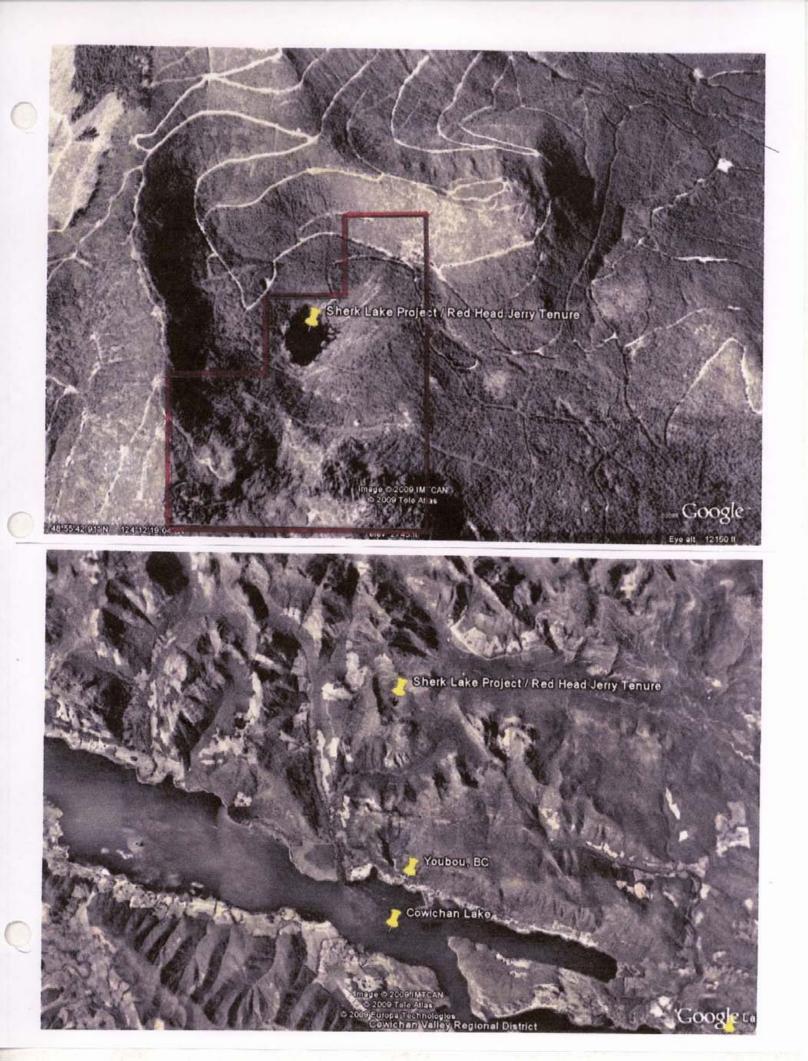
BRITISH COLUMBIA The Best Place on Earth	MINERAL TITLES BRANCH File Rec'd JUN 3 0 2011
Ministry of Energy and Mines BC Geological Survey	L.I.# Assessment Report VANCOUVER, B.C. Title Page and Summary
	The Tage and Summary
TYPE OF REPORT [type of survey(s)]: Geochemical and Technical A	ssessment TOTAL COST: \$3540.00
AUTHOR(S): Le Baron Prospecting - Scott Phillips	
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):	YEAR OF WORK: 2010
STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S):	SOW - 4625493
PROPERTY NAME: Red Head Jerry Project - Sherk Lake	
CLAIM NAME(S) (on which the work was done): tenure # 558281	
соммодітієs sought: Ag, Cu, Fe, Zn	
MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:	
MINING DIVISION: Victoria	NTS/BCGS: M092C099
LATITUDE: 48 ° 55 '28 " LONGITUDE: 124	
owner(s): 1) Scott Phillips	2) (at centre of work)
Bob Morris	
MAILING ADDRESS: Scott - 3317 Henry Rd Chemianus BC V0R-1K4	
Bob - 3006 Mt Sicker Rd Chemainus BC V0R-1K5	
OPERATOR(S) [who paid for the work]: 1) Scott Phillips	<sup>2)</sup>
MAILING ADDRESS: Scott - 3317 Henry Rd Chemianus BC V0R-1K4	
PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure Wrangellia, Paleozoic to Mesozoic, Sicker Group of volcanics, N	
Cowichan Lake Fault, massive basaltic formations, minor pyroc	astic sediments, quartz to chalcopyrite intrusions,
interbedded siltstone and sand stone, quartz diorite, biotite gran	odiorite, Au, Ag, As, Fe, Cu, Zn.

.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 2008 - #30172, 2009 - #31121,

GEOLOGICAL (scale, area) Ground, mapping Photo interpretation GEOPHYSICAL (line-kilometres) Ground Magnetic			••
Photo interpretation BEOPHYSICAL (line-kilometres) Ground			
Ground		tenure # 558281	<u></u>
Ground			\$3540.00
Magnetic			
Airborne			<u></u>
GEOCHEMICAL (number of samples analysed for)			
Soil			
Silt	·····		
Rock 6 rock chip - ALS Labo	ratory - Vancouver BC	Certificate VA10178522	
Other			
DRILLING (total metres; number of holes, size)			
Core			· · · · · · · · · · · · · · · · · · ·
Non-core	····		
RELATED TECHNICAL			
Sampling/assaying 26 rock ch	p samples obtained	12 sediment samples obtained	
Petrographic	···	12 moss matt samples obtained	
Mineralographic			<u></u>
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)	****		
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/t		GPS - sampling survey line	
Trench (metres)			
Underground dev. (metres)			
other trail slashing around S			
		TOTAL COST:	\$3540.00

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#### 1.0 Introduction

The Red Head Jerry tenure lies north of the Cowichan Lake, on Vancouver Island. The tenure is 233.50 ha in size and encompasses the Sherk Lake and surrounding geological structure. Access to this tenure is by means of secured logging road. The Copper Canyon road is an active logging haul road and has a security guard and guard house at the Chemainus access. From the guard house Sherk Lake is 33.65 kilometers. Access to the tenure can also be made from the Shaw Creek Mainline which is located 4 kilometers past Youbou.

This tenure was established jointly by Bob Morris (FMC #118959) and Scott Phillips (FMC #145817) on May 08 – 2007.

The tenure overlies the Sicker Group, which is known to host massive sulfide mineralization. The mineralization on the tenure consists of several quartz chalcopyrite intrusions, banded magnetite with anomalous Au and with disseminated pyrite.

This is considered the "third pass" over this tenure was completed in April of 2010. The exploration was completed in two stages, the first being a survey line with rock chip sampling utilizing geochemical analysis of the samples collected around the perimeter of the Sherk Lake. The second phase of exploration was to gather some sediment samples of small seasonal feeder creeks which flow into Sherk Lake during periods of rain.

The "second pass" of exploration was completed in 2009, with geochemical analysis conducted on some of the samples obtained from two areas of import areas of significant interest. (See figure maps, working reference maps).

The results of the geochemical analysis are positive. Planning of a detailed grid sampling program is being planned for the 2010 – 2011 exploration season.

The "first pass" of exploration was completed in 2008. That exploration (ARIS assessment report # 30172) consisted of a tenure geological recognizance, some stream sediment sampling, and rock chip sampling. No geochemical analysis was conducted at that time. Two areas of interest were identified and are the basis of this report.

#### 2.0 Tenure Ownership

This tenure is jointly owned by Mr. Rebert Morris (FMC #118959) and Mr. Scott Phillips (FMC #145817) in a 50 / 50 joint ownership.

Tenure No.	Claim Name	Owner	Map No.	Good to date	Status	Area Ha.
558281	Red Head Jerry	118959 145817	092C099	2012/08/May	Good	233 Ha

#### 3.0 Area Exploration

Since discovery of massive sulfide in the area in 1960's several major exploration companies such as BHP – Utah Mines have operated their "Striker Project". This project encompassed the "Sherk Lake Project" at one time years ago.

Recent exploration by Laramide Explorations who are joint partners with Treasury Metals Inc and are conducting active exploration to the east of the "Sherk Lake Project" on their massive Lara Project

The area is also host to many independent prospectors who own tenures in the area.



# 4.0 Tenure Geology

**Regional Geology:** 

Three north / west trending structures on Southern Vancouver Island expose the complete Paleozoic through Mesozoic sequence of volcanic, sedimentary and granitic rocks. This area is known as the Cowichan – Horne uplift. The oldest rocks of the Cowichan – Horne uplift are the pre Devonian to Permian – Sicker Group. The Sicker Group is subdivided into the Lower Nitinat Formation, the Myra Formation, and the uppermost Buttle Lake Formation.

Most of the structured activity is confined to two periods. The first being Pre- Triassic, where this era of activity severely folded the Sicker Group, the second era of significant activity was Post – Cretaceous, this era of activity severely folded and faulted the Nanaimo Group. This era of sever activity resulted in the formation and documentation of the Cowichan Lake Fault which forms the southern extent of the Cowichan – Horne uplift.

In 1984, litho probe work by the Canadian Geology Ministry in the area determined that this fault is an active structure.

### 5.0 Tenure geography:

The tenure is located in a "natural bowl" boarded by fairly steep terrain to the south and east and open to the north and north / west. The area was logged back in the early 1980's and again in the 1990's there is a fairly young forest, with excellent exposures of bedrock in the south and east of the tenure

#### 6.0 Tenure Geology

There are three distinct and documented geological structures which underlay this tenure: (Muller 1980).

The first:

### 7.0 The Sicker Group

The Nitinat Formation is the formation which lies under this tenure. This formation is composed of massive basaltic and andesitic flows with minor pyroclastic sediments and breccias. Primary structures within the flows are scarce, however quartz – chalcopyrite intrusions are present along the edges of some flows.

#### 8.0 The Myra Group

The Myra Formation also underlies this tenure. There are three distinct units of sediments of sediments of sediments within the Myra Formation.

The first and deepest layer consists of a thin fine grained lithic crystal tuff. The second layer is much thicker and composed of cherty, minor argillite, fine grained litic crystal tuff, and greywacke conglomerate. The third layer consists of interbedded siltstone and sandstone with strong sedimentary features.

The Myra sediments are known and documented to host polymetallic massive sulfide deposits such are found at Westmin and Twin J mines.

### 9.0 Island Intrusions

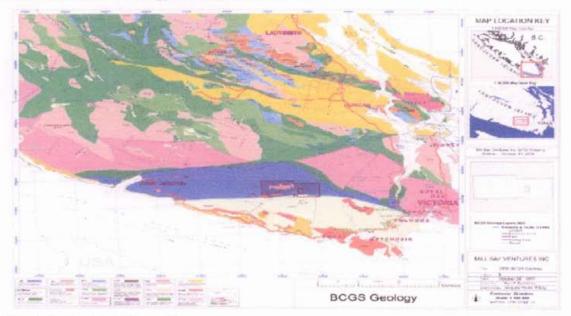
There is a dyke – like granodorite structure on the tenure. This is part of a much more massive structure in the area, but for the most part its exposure of the surface has a distinct possibility of being an Island Intrusion. The intrusion is composed of quartz diorite to biotite granodiorite. This intrusion is trending north / west and may be the beginnings of something very large.



### 10.0 Vancouver Island Geology

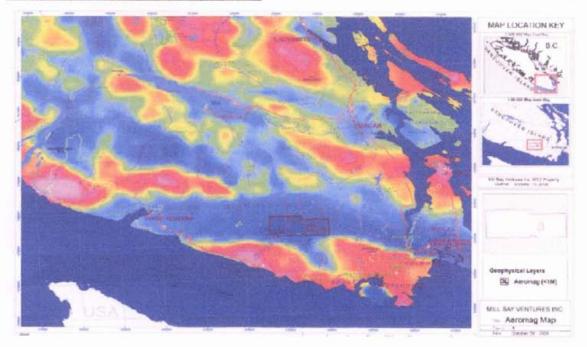
The following maps were obtained on the ARIS site by Mill Bay Ventures Inc. These maps show the types of geological structure of the area and also the geophysical aeromagnetic layers. On Both maps, the Sherk Lake Tenure has been located and plotted.

Vancouver Island Geology; Mill Bay Ventures Inc.



# Sherk Lake / Red Head Jerry Tenure

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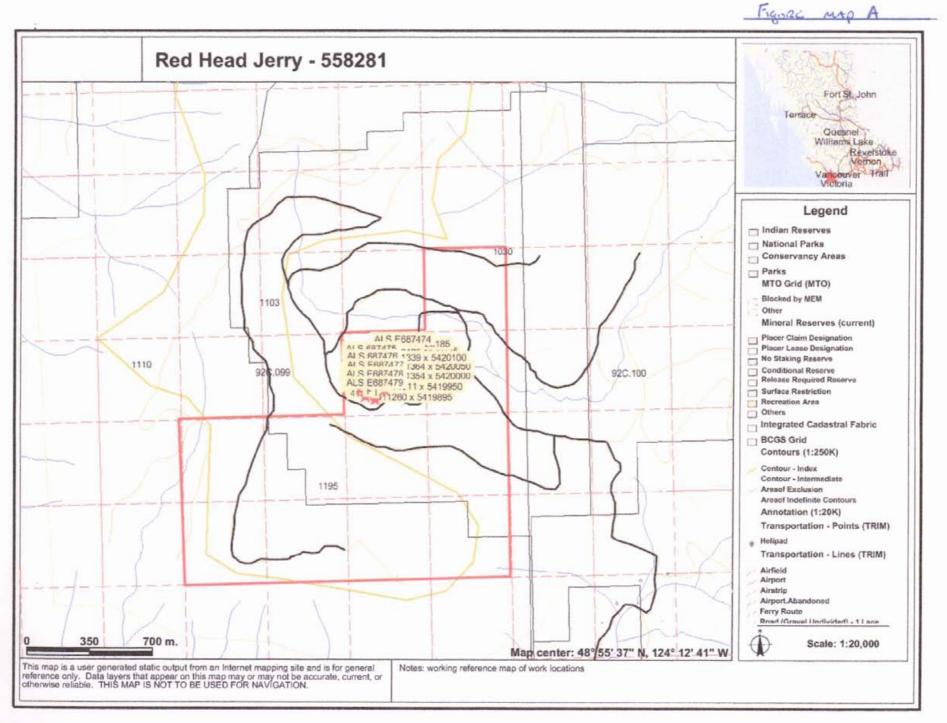
### **11.0 Technical Information Overview**

All of the rock chip (26 samples) and sediment (12 samples) collected during the 2009 / 2010 exploration season are stored at the home address of Le Baron Prospecting in Chemainus. The rock chip samples (6), which were sent to ALS Laboratory services in Vancouver for geochemical assaying, half of the rock chip sample is still located Le Baron Prospecting's possession.

All samples obtained infield were GPS plotted using a Lorrance Global Map 100, the samples were bagged and tagged and plotted on field maps, a surveyors ribbon was placed at the sample location. The rock chip samples were taken using hand tools (hammer / chisel) and the sediment samples were collected by hand utilizing small shovel to collect small gravel deposits and in some areas from the moss matt from small seasonal feeder creeks. All sediment samples were hand panned to a fine concentrate.

### 12.0 Summary of Work

Samples collected: Rock chip samples – 26 rock chip – hammer, chisel Geochemical assays – 6 Rock chip - ALS Laboratory Services, ME-ICP41 12 sediment samples GPS surveyed lines Sherk Lake - perimeter – 650 meters A to M



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Appendix A

## The Red Head Jerry Project

Tenure 558281

Sherk Lake Rock Chip Sampling GPS survey line plotting

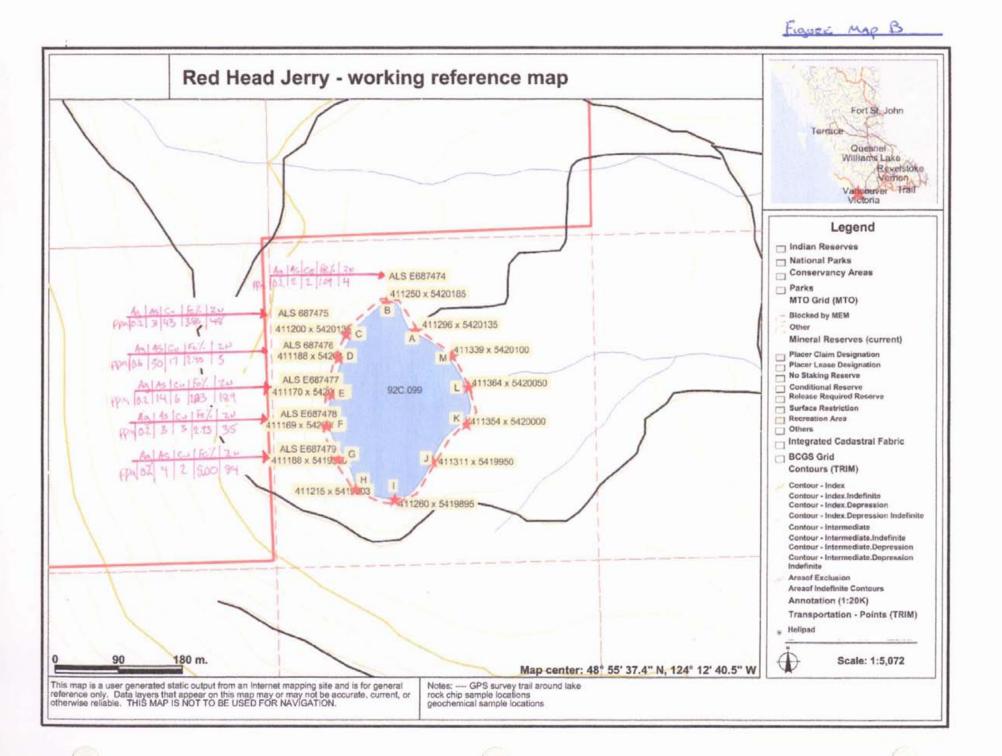


### **13.0 Technical Information:**

13.0.1	Rock	chip	sampling
See Fi	igure l	Map (	0

Sample	Field location / UTM	Field notes / sampling information				
Start Sample site A	411296 x 5420135	Small camp ground area next to Sherk Lake				
		····				
Sample site B ALS E687474						
Sample site C ALS E687475	411200 x 5420135	4 meters from lake edge, bedrock exposure, two rock chip samples obtained, small metallic flakes				
Sample site D ALS E687476	411188 x 5420100	4 meters from lake edge, bedrock exposure, two rock chip samples obtained, arsenic staining, sulfide				
Sample site E ALS E687477	411170 x 5420050	4 meters from lake edge, bedrock exposure, two rock chip samples obtained, small metallic flakes				
Sample site F ALS E474478	411169 x 5420000	4 meters from lake edge, bedrock exposure, two rock chip samples obtained, sulfide				
Sample site G ALS E474479	411188 x 5419950	4 meters from lake edge, bedrock exposure, and two rock chip samples obtained, sulfide exposure, oxidization in area of contact.				
Sample site H	411215 x 5419903	4 meters from lake edge, bedrock exposure, two rock chip samples obtained, quartz veins				
Sample site I	411260 x 5419895	4 meters from lake edge, bedrock exposure, and two rock chip samples obtained, contact area, sulfide exposure.				
Sample site J	411311 x 5419950	4 meters from lake edge, bedrock exposure, two rock chip samples obtained, lake side alluvial				
Sample site K	411354 x 5420000	4 meters from lake edge, bedrock exposure, two rock chip samples obtained, lake side alluvial				
Sample site L	411364 x 5420050	In creek, two rock chip (alluvial) samples obtained from in creek out flow creek.				
Sample site M	411339 x 5420100	4 meters from lake edge, bedrock exposure, and two rock chip samples obtained lake side alluvial.				
Sample site A	411296 x 5420135	Return to start of survey sampling line.				
Notes:						
		und the perimeter of the lake, any closer than 4 ery wet. So it was decided to stay approximately 1 to				

2 meters around the first contour of the lake where bed rock was exposed.





Appendix B

The Red Head Jerry Project

Tenure 558281

Sherk Lake Sediment Sampling GPS survey line plotting



#### 13.0 Technical Information:

#### 13.0.2 Sediment Sampling See Figure Map C

Sample	Field location / UTM	Field notes / sampling information
Start Sample site A	411296 x 5420135	Small camp ground area next to Sherk Lake
Sample site B	411250 x 5420185	Small creek exposure, minimal in flow, two sediment samples obtained, one moss matt sample obtained
Sample site C	411200 x 5420135	Small creek exposure, minimal in flow, two sediment samples obtained, two moss matt sample obtained
Sample site E	411170 x 5420050	Small creek exposure, minimal in flow, two sediment samples obtained, two moss matt sample obtained
Sample site F	411169 x 5420000	Small creek exposure, minimal in flow, two sediment samples obtained, three moss matt sample obtained
Sample site G	411188 x 5419950	Small creek exposure, minimal in flow, two sediment samples obtained, two moss matt sample obtained
Sample site H	411215 x 5419903	Small creek exposure, minimal in flow, two sediment samples obtained, two moss matt sample obtained

A basic survey trail was slashed around the perimeter of the lake, at the locations plotted on the working maps, small seasonal feeder inflow water courses were sampled utilizing small hand tools and a gold pan for panning to concentrate. Moss matt samples were obtained at most locations the moss was collected in the inflow water course from the moss growing on the bedrock.

### 14.0 Recommendations

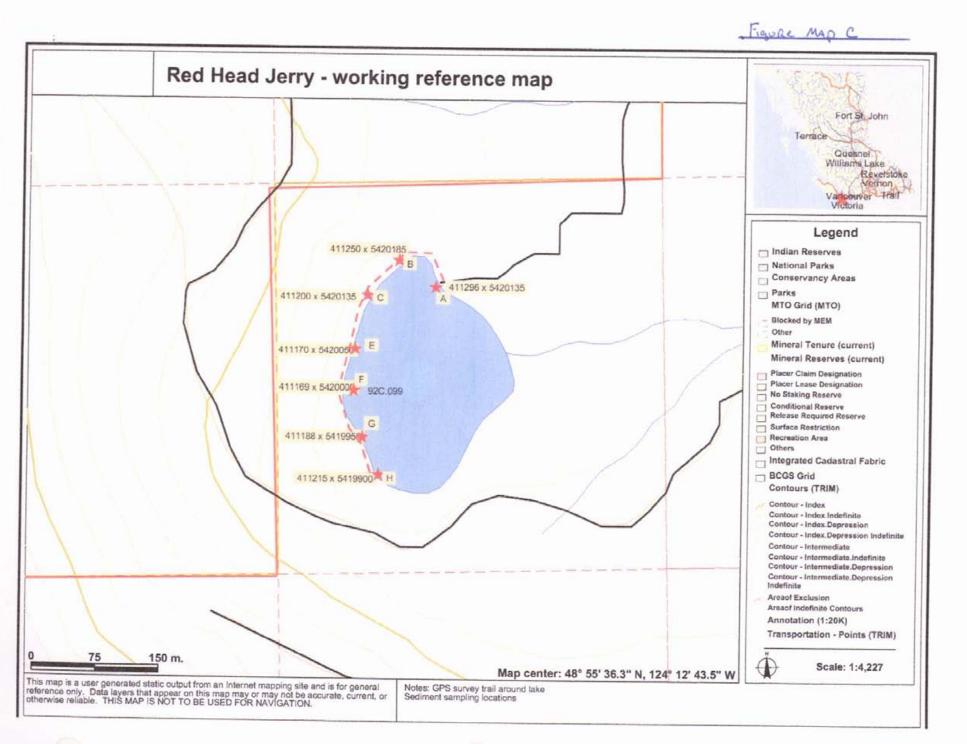
It is recommended to continue the exploration of the Sherk Lake Project or otherwise known as the Red Head Jerry Mineral Tenure in the following order;

1. Expansion of the identified mineralization in the south / eastern tenure block

2. A detailed geochemical assessment is required over the expanded area of mineralization.

3. Road brushing, for access by truck on the Branch 120 spur road.

A small budget of a few thousand dollars is recommended to complete the mentioned exploration.





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### **15.0 Statement of Costs**

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### Tenure: #558281 Red Head Jerry

Dates of exploration: June 10<sup>th</sup> to 12<sup>th</sup> 2009 October 2<sup>nd</sup> to 4<sup>th</sup> 2009 April 17<sup>th</sup> 2010

Bob Morris (tenure owner / field supervisor + labor) FMC #118959 \$30.00 x 38hrs= \$1140.00	0
Scott Phillips (tenure owner / field supervisor + labor) FMC # 145817 \$30.00 x 38 hrs = \$1140.	.00
Transportation: Truck \$50.00 / day x 7 days = \$350.00	0
Accommodations: In field – tent Bob - \$70.00 / day x 4 days = \$280.0 Scott - \$70.00 / day x 4days = \$280.0	
ALS Laboratory Services Certificate of analysis VA09106994 Not included	
Le Baron Prospecting Report filing= \$350.0	00
Total = \$3540.	.00



### 16.0 Author Disclaimer

- I, Scott Phillips have a valued interest (50% ownership) in the tenure that is mentioned in this report.
- I consent to the use of the material within this prospecting report to further enhance the exploration and development of the subject tenure(s).
- This report is correct in the information within and any use of this information to a second or third party is the responsibilities of those parties.

### Author

- Scott Phillips [FMC # 145817]
- Owner of Le Baron Prospecting, Port Renfrew BC.
- · Many years experience prospecting the Port Renfrew area.
- Member in good standing with VIPMA. [Vancouver Island Placer Miners Assn].
- Member of VIX [Vancouver Island Exploration Group]
- Owns several mineral and placer tenures within the Port Renfrew Area.
- Author of many prospecting reports accepted within the Ministry standards.
- Is presently studying the formation of Wrangell, West Coast Crystalline Complex and the Leech River Complex.

Author		, Date	
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Appendix C

The Red Head Jerry Project

Tenure 558281

**ALS Laboratory Services** 

**Geochemical Analysis** 

Certificate of Analysis VA10178522

13



### **17.0 Technical Information**

### Analytical Methods ALS Laboratory Services Vancouver BC

### Aqua Regia Digestion

Although some base metals may dissolve quantitatively, in the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte. The recovery percentages for many analytes from more resistive minerals can be very low, but the acid leachable portion can also be an excellent exploration tool.

In order to report the widest possible concentration range, this method uses both the ICP-MS and the ICP-AES techniques. Sample minimum 1g.

An	alytes & Ra	nges	(ppm)					Code	Price per Sample (\$)	
Ag	0.01-100	Cs	0.05-500	Mo	0.05-10,000	Sr	0.2-10.000	ME-MS41	21.00	
A	0.01-25%	Cu	0.2-10,000	Na	0.01%-10%	Ta	0.01-500		(Sold only as a complete	
As	0.1-10,000	Fe	0.01%-50%	Nb	0.05-500	Te	0.01-500			
Au	0.2-25	Ga	0.05-10,000	Ni	0.2-10,000	Th	0.2-10.000			package).
В	10-10,000	Ge	0.05-500	Ρ	10-10,000	Ti	0.005%-10%			
Ва	10-10,000	Hf	0.02-500	Pb	0.2-10,000	TI	0.02-10,000			
Be	0.05-1,000	Hg	0.01-10,000	Rb	0.1-10,000	U	0.05-10,000			
Bi	0.01-10,000	In	0.005-500	Re	0.001-50	V	1-10,000			
Ca	0.01%-25%	K	0.01%-10%	S	0.01%-10%	W	0.05-10,000			
Cd	0.01-1,000	La	0.2-10,000	Sb	0.05-10,000	Y.	0.05-500			
Ce	0 02-500	Li	0.1-10,000	Sc	0.1-10,000	Zn	2-10,000			
Co	0.1-10,000	Mg	0.01%-25%	Se	0.1-1,000	Zr	0.5-500			
Cr	1-10,000	Mn	5-50,000	Sn	0.2-500					



ALS Canada Ltd.

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

#### To: LE BARON PROSPECTING 9298 CHESTNUT RD. CHEMAINUS BC VOR 1K5

Page: 1 Finalized Date: 2-DEC-2010 Account: LEBPRO

CERTIFI	CATE	VA101	78522	2

Project: RED HEAD JERRY

P.O. No.:

This report is for 6 Rock samples submitted to our lab in Vancouver, BC, Canada on 29-NOV-2010.

The following have access to data associated with this certificate: BOB MORRIS SCOTT P.

SAMPLE PREPARATION			
ALS CODE	DESCRIPTION		
WEI- 21	Received Sample Weight		
LOG- 21	Sample logging - ClientBarCode		
CRU- 31	Fine crushing - 70% < 2mm		
PUL- 31	Pulverize split to 85% < 75 um		
SPL- 21	Split sample - riffle splitter		

	ANALYTICAL PROCEDURI	ES
ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: LE BARON PROSPECTING ATTN: SCOTT P. 3317 HENRY RD CHEMAINUS BC VOR 1K4

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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.

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#### To: LE BARON PROSPECTING 9298 CHESTNUT RD. CHEMAINUS BC VOR 1K5

Page: 2 - A Total # Pages: 2 (A - C) Finalized Date: 2-DEC- 2010 Account: LEBPRO

Project: RED HEAD JERRY

mnerals									С	ERTIFIC	VA101	10178522				
Sample Description	Method Analyte Units LOR	WEF 21 Recvd Wt. kg 0.02	ME- KCP41 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- KCP41 Cu ppm 1	ME- 1CP4 ) Fe % 0.01	ME-ICP41 Ga ppm 10
E687474 E687475 E687476 E687476 E687477 E687478		0.38 0.28 0.18 0.22 0.14	<0.2 <0.2 0.6 0.2 <0.2	0.81 2.19 0.24 1.45 1.52	<2 3 50 14 3	<10 <10 <10 <10 <10 <10	80 50 50 10 60	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2 <2 <2	0.04 0.02 0.01 0.28 0.05	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	1 4 1 6 11	1 1 1 1 1	2 43 17 6 3	1.09 3.86 2.40 2.83 2.93	<10 <10 <10 <10 <10 <10
E687479		0.18	<0.2	1.99	4	<10	40	<0.5	<2	0.03	<0.5	5		2	5.00	10



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#### To: LE BARON PROSPECTING 9298 CHESTNUT RD. CHEMAINUS BC VOR 1K5

Page: 2 - 8 Total # Pages: 2 (A - C) Finalized Date: 2-DEC- 2010 Account: LEBPRO

I.

Project: RED HEAD JERRY

IIInera		CERTIFICATE OF ANALYSIS VA1017852					78522	2								
Sample Description	Method Analyte Units LOR	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- (CP4) Ni ppm 1	ME-ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	NE- ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1	ME- KCP41 Th ppm 20
E687474		<1	0.15	<10	0.51	59	1	0.01	<1	270	<2	0.01	<2	<1	<1	<20
E687475		<1	0.11	10	1.68	467	3	0.01	2	300	3	0.44	<2	1	2	<20
E687476		<1	0.13	<10	0.02	37	2	0.02	<1	230	13	0.15	<2	<1	6	<20
E687477		<1	0.13	<10	0.74	431	<1	0.01	1	870	2	0.43	<2	1	5	<20
E687478		<1	0.12	10	1.04	310	1	0.02	1	250	<2	1.01	<2	1	3	<20
E687479		<1	0.10	10	1,16	437	1	0.02	1	30	2	2.06	<2	1	2	<20



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ALS Canada Ltd.

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### To: LE BARON PROSPECTING 9298 CHESTNUT RD. CHEMAINUS BC VOR 1K5

Page: 2 - C Total # Pages: 2 (A - C) Finalized Date: 2-DEC- 2010 Account: LEBPRO

1

Project: RED HEAD JERRY

# CERTIFICATE OF ANALYSIS VA10178522

Sample Description	Method Analyte Units LOR	ME- ICP41 Ti % 0.01	ME-1CP41) Ti ppm 10	ME- ICP41 U ppm 10	ME-ICP4) V ppm 1	ME- ICP41 W ppm 10	ME-ICP4i Zn ppm 2	
E687474 E687475 E687476		<0.01 <0.01 <0.01	<10 <10 <10	<10 <10 <10	2 9 2	<10 <10 <10	4 48 5	
E687477 E687478		<0.01 <0.01	<10 <10	<10 <10	7 7	<10 <10	189 35	
E687479		<0.01	<10	<10	8.	<10	84	