

ASSESSMENT REPORT

on the
Prospecting Survey

of the
Orp #1 Mineral Claim
(604241)

Northern Vancouver Island

Map Sheet 102 I

Lat. 55 38' 59" N Long. 128 05' 10" W

Author: Ronald J. Bilquist
(Owner/Operator)
01 July 2011



**BC Geological Survey
Assessment Report
32396**

32,396

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

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Introduction:

Access and Location – The Orp #1 claim (604241) is located approximately five kilometres west of Holberg, a small logging community west of Port Hardy on the northern end of Vancouver Island.

Access to the claim is about a 45 minute drive via a good gravel road from Port Hardy to Holberg. From Holberg the claim can be reached via an all season logging road westerly from Holberg. The west boundary of the claim is about 50 meters east of the edge of a recent logging slash.

The claim is about 100 to 200 meters above sea level and straddles the San Josef River. The topography is generally gentle and rolling on the claim but the second growth after logging is incredibly thick. The forests are a mixture of fir and cedar with thick, nearly impenetrable salal in the forest floor.

The Property – The Orp property consists of one claim comprising 40.98 hectares acquired in May 2009. The record number for the claim this report will be concerned with is 604241. The current owner and operator is Ronald John Bilquist, the author of this report.

<u>Claim</u>	<u>Record #</u>	<u>Hectares</u>	<u>Expiry Date</u>
Orp	604241	40.98	2015 May 09*

**on acceptance of this report*

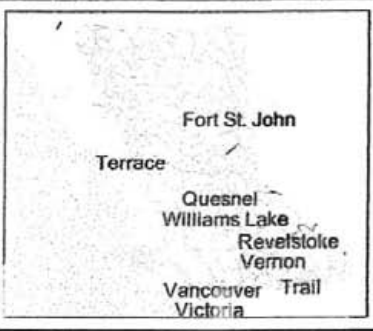
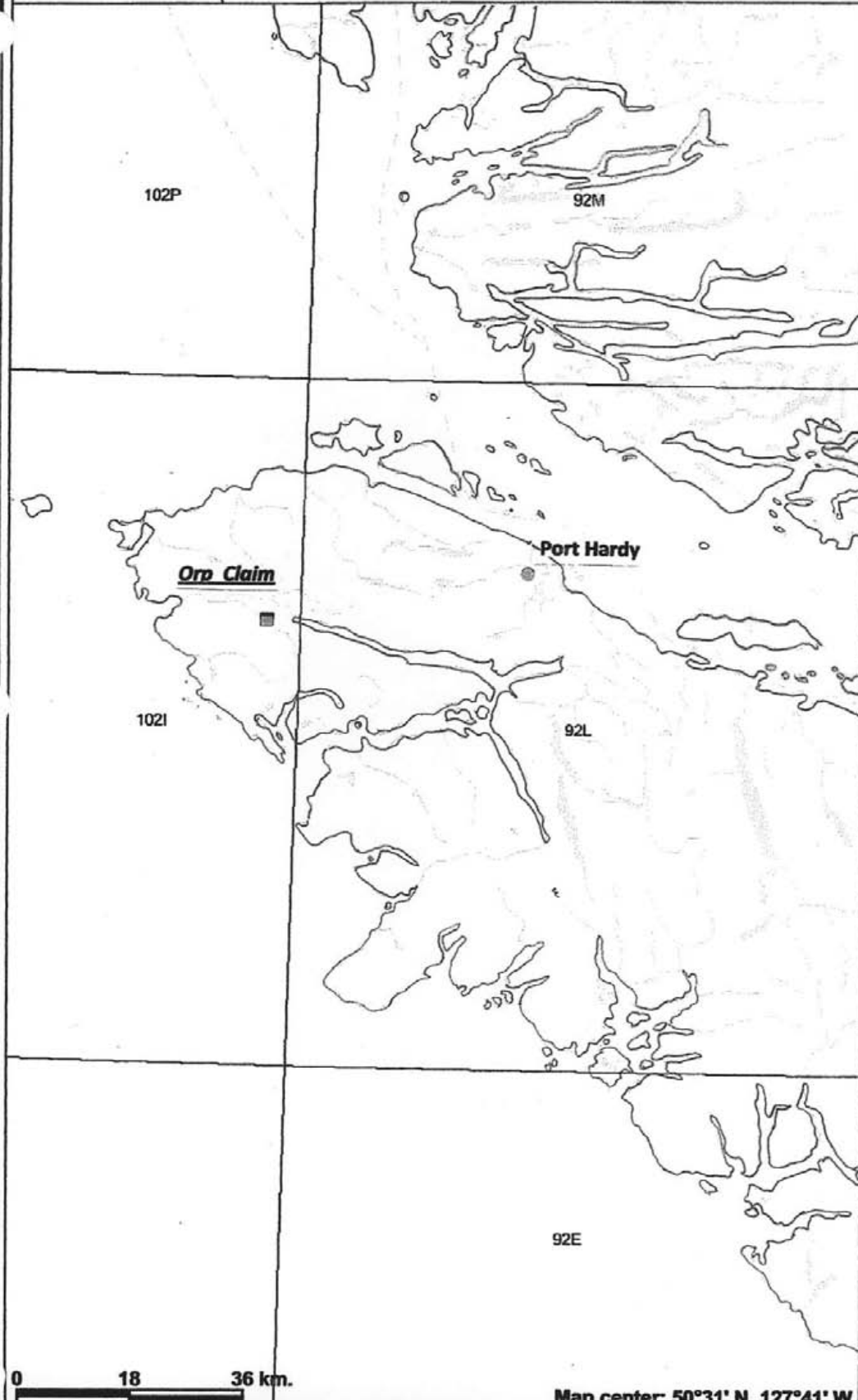
History – Mineralization was discovered by the author of this report in the 1970's after float of solid ore with realgar was found by a local and brought to the attention of geologist Doug Leighton who was in charge of regional exploration for Stokes Exploration Management Company, a small Vancouver based service company at that time. The float was from the San Josef River and was traced upstream to where it was found in outcrops along the north bank of the river.

In the spring of 1988 Formosa Resources Corporation optioned the property from Lone Trail Exploration (Ron Bilquist and Les Allen) and under the direction of Doug Leighton carried out a program of geophysics, geochemistry and a four-hole drill program. Minor geology and prospecting was also done at this time.

Since the work by Formosa Resources, no serious programs have been carried out until the author acquired the property in May 2009.

Purpose – The main purpose of the prospecting program in 2011 was to relocate and reassess the historic showings as well as to determine if there was alteration that may indicate the presence of a 'Carlin' style epithermal precious metals deposit.

Location Orp Claim



Legend

- Provincial Boundary (1:2M)
- Boundary (International)
- Boundary (Interprovincial)
- NTS Grid
- Transportation - Points (1:2M)
 - Airstrip
 - Ferry Route
 - Seaplane Custom Port
- Transportation - Lines (1:2M)
 - Ferry Route
 - Road - Trunk
 - Road - Main
 - Road - Local
 - Bridge
 - Rail Line
- Water - Points (1:2M)
 - Falls
 - Dam
- Water - Lines (1:2M)
 - River/Stream - Definite
 - River/Stream - Left Bank
 - River/Stream - Right Bank
 - Dam
 - Lake - Definite
- Water - Polygons (1:2M)
 - River/Stream - Definite
 - Lake - Definite
 - Island - Definite
- Coastline - Definite
- Icefield
- Major Cities

0 18 36 km.

Map center: 50°31' N, 127°41' W



Scale: 1:1,000,000

This map is a user generated static output from an internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Summary of Work Done – Two field days were spent on the Orp #1 project. One day was spent traveling to and from the property. One day was spent researching and a further two days were spent compiling data, drafting and writing this report.

Regional and Property Geology:

Regional Geology – The regional geology surrounding the Orp #1 claim has been aptly described by Muller, Northcote and Carlisle in Paper 74-8. In this region a series of Middle Triassic to Lower Jurassic volcanics and sediments (Vancouver Group) have been mapped. The following paragraphs paraphrase the geology from this report.

The oldest in the sequence is the Middle Triassic sediment-sill unit of siliceous and calcareous shales and pyritic metasediments between super abundant basaltic sills.

Overlying these rocks is the Middle to Upper Triassic Karmutsen Formation which is variously described as a +/- 20,000 foot thickness of submarine pillow lavas and pillow breccias. The upper most 3000 feet or so are the same but with occasional sporadic interlava sedimentary layers.

Immediately above the Karmutsen is the Upper Triassic Quatsino Limestone which is about 950 feet of a coarse, massive light grey limestone.

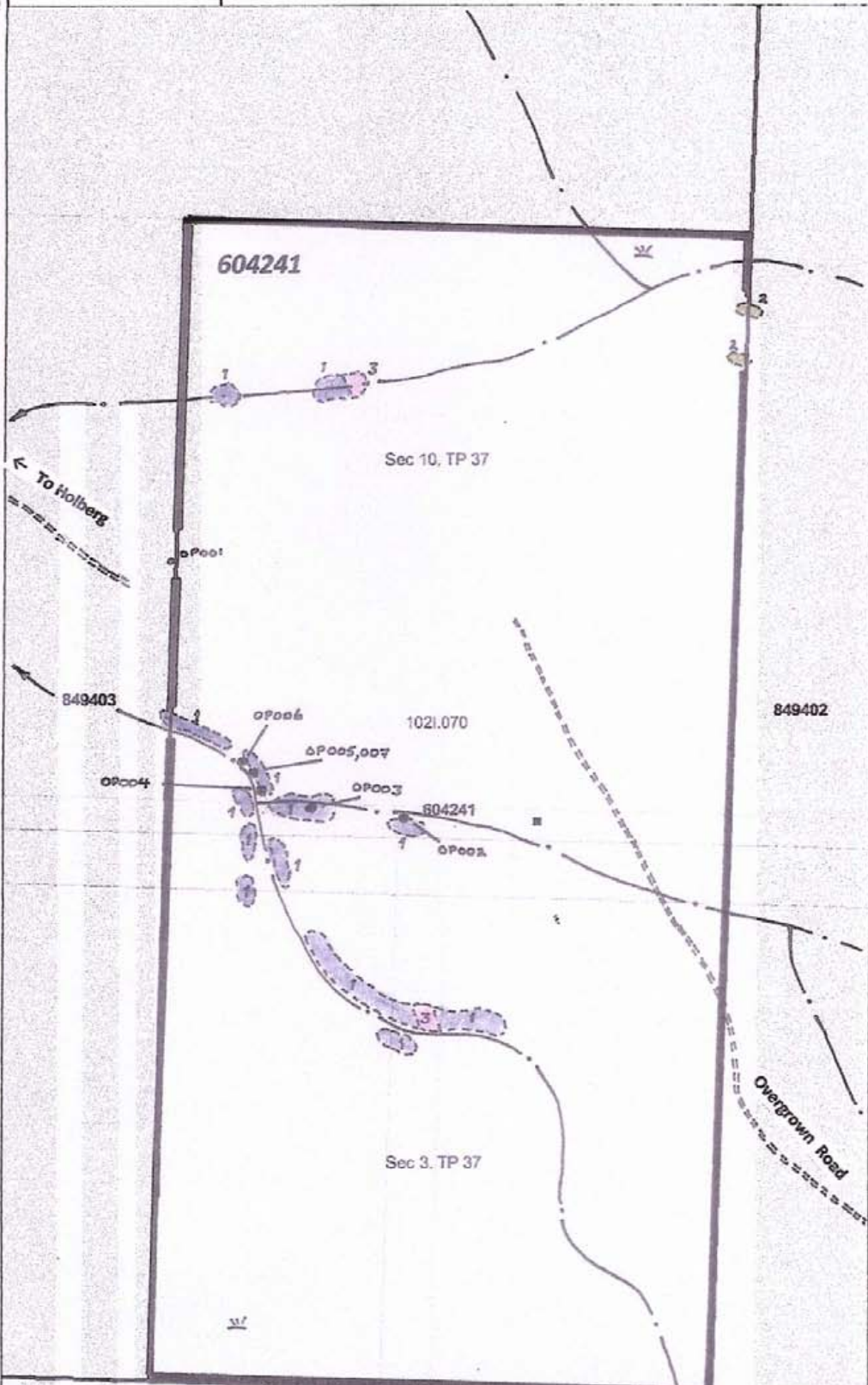
The Upper Triassic Parson Bay Formation overlies the Quatsino Limestone. This unit is approximately 1000 to 1300 feet in thickness and is described as "*thin-bedded calcarenite, feldspathic wacke*" in the upper section and "*black laminated siliceous limestone with Halobla and Monotis shales*" in the lower section.

Overlying the Parson Bay is the Harbledown Formation of Lower Jurassic age. This unit is a 570 foot to 1600 foot thickness of dark colored, thinly bedded Calcareous siltstone in the upper section and a nonfissile, colour laminated feldspathic wacke in the lower section.

The Lower Jurassic Bonanza Volcanics overlie the Harbledown Formation and are separated by an 'erosional unconformity'. Paper 74-8 describes these rocks as a 3500 foot plus thickness of "*water lain tuff-breccia and volcanic conglomerate, includes Harbledown clasts near base. Intermediate and felsic sills are locally abundant*".

Property Geology – The property is underlain by a north westerly-striking, southwest dipping sequence of rocks that comprises mafic volcanic rocks of the Triassic Karmutsen Formation, limestone of the Triassic Quatsino formation and shale of the Triassic Parson Bay Formation (Muller et al., 1974; Leighton, 1989). Leighton (1989) also states that porphyritic flows of Jurassic Bonanza Group and a comagmatic dyke of similar composition are present. A feldspar porphyritic dyke crops out in the San Josef River about 150 meters upstream from the orpiment-realgar showings. This is a

Internet Mapping Framework



Legend

- Outcrop
- Sample location, number
- Old logging road
- River or stream
- Marsh
- Traverse & number

Geology

- 1 Parson Bay Sediments
- 2 Karmutsen Volcanics
- 3 Syenite Dyke (??)

0 90 180 m.

Map center: 50° 39' 1.5" N, 128° 5' 10.1" W



Scale: 1:5,000

This map is a user generated static output from an internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Prospectors Map

Date: 01 July 2011

large dyke, being at least 20 in width, trending north westerly and appears to be steeply to vertical dipping. Towards the north boundary of the property and rising up from the San Josef valley bottom there are outcrops of blue green submarine basalt.

The sediments in the vicinity of the orpiment and realgar occurrence are somewhat broken and brecciated (large blocks) likely indicating the presence of a structure. A study of the satellite imagery for the area seems to show a northwest trending 'lineament' that is likely a large fault. The above mentioned dyke could be intimately related to this structure.

Technical Data and Interpretation

Mineralization and Alteration: The mineralization at the Gold Cutter property appears to be confined to the open spaces and fractures between the large clasts of the faulted and broken calcareous sedimentary rocks. Mineralization noted was massive orpiment with realgar which occasionally have white quartz and amethyst associated. Small to large rounded pieces of orpiment and realgar float can be found in the San Josef River as well as the small tributary creek at the discovery showing (photo).

Pyrite is commonly found disseminated in the calcareous sediments but is not considered significant as it appears to be common to these rocks where ever found.

Occasional patches of argillic alteration have been noted but in no instances are they pervasive or associated with the orpiment and realgar mineralization. The outcrops immediately adjacent to the showings show no alteration whatsoever.

Seven samples were taken from outcrops at, or near where mineralization was observed. The results of analysis were disappointing in that no anomalous gold or silver (or base metals) was found. As expected, arsenic is extremely anomalous with four samples registering above the laboratories detection limit of >10000 ppm. Other anomalous elements that stand out are antimony, calcium, mercury and sulphur.

From the work to date, there does not appear to be a possibility that a precious metal target exists at this location. The orpiment and realgar mineralization is quite significant and possibly this site could be used for taking 'type' specimens for these minerals.

Summary: The Orp Claim has been looked at a number of times to determine the possibility that a precious metal (gold and or silver) could exist. From this visit, which was meant to specifically look for the mineralization and alteration that would be expected at a "Carlin style" occurrence, it can be concluded that the setting for this type of occurrence does not exist. Analysis for seven samples taken did not give any values above background for gold or silver, or for base metals.

The property does have potential for 'collectors' of specimens of orpiment and realgar.

4.

Recommendations: No further work is recommended on this property other than possible specimen collecting on a small scale. The viability of this potential should be explored. This would include permitting for whatever preparation work is necessary.

Ron Bilquist

01 July 2011

References:

- **GSC Paper 74-8; *Geology and Mineral Deposits of Alert-Cape Scott Map-Area Vancouver Island, British Columbia*** by J.E. Muller, K.E Northcote, D. Carlisle, 1974.

- **MinFile # 1021 012; *Realgar, Orp .***

- **ARIS # 18568; *Geological & Drilling Report on the Holberg Property*** by D.G. Leighton, March 28, 1989

STATEMENT OF QUALIFICATIONS:

- I have worked full time in mining exploration since 1968 (42 years). During this time I have been self employed as a prospector as well as employed by numerous exploration companies on both salary and contract basis. My work has been primarily prospecting but duties from time to time have also included trenching, trench mapping, drilling and blasting, claim staking, line cutting and grid construction, geochemical surveys, geophysical surveys, geological mapping, draughting, diamond drilling and drill supervision. I have also been involved with project generation and research within regional projects and have worked with a wide variety of geological models and concepts.
- During my career I have prospected throughout Canada, the Yukon and NWT as well as Argentina and Mexico.
- I have written an exam to qualify as a prospector for the Department of Mines and Petroleum Resources. This exam took place at the department office in Nanaimo in 1975 and was supervised by W.C. Robinson, P. Eng.
- In 1992 I successfully completed the *Petrology for Prospectors Course* sponsored by the Ministry of Energy, Mines and Petroleum Resources: course instructor T.A. Richards, Ph.D.
- In 1994 I took a short course on Drift Exploration in glaciated and mountainous terrain put on by the BCGS Branch Short Course, Cordilleran Roundup; January 24, 1994.
- I have been on a number of mine tours; copper porphyries include Island Copper in B.C., Bingham and Silver Bell North in Utah and Nevada, Escondida, Zaldivar, Spence and Chuquicamata in Chile. I have had tours of a number of small epithermal gold mines in the *Carlin Trend* of Nevada as well as the Skukum Mine in the south west Yukon.

Signed

Ronald J. Bilquist

Dated at Gabriola B.C. this

1st day of July, 2011

Exploration Work type	Comment	Days			
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Ron Bilquist/Prospector	23, 24, 25 May 2011	3	\$450.00	\$1,350.00	
Steve Harrison/field assistant	23, 24, 25 May 2011	3	\$250.00	\$750.00	
					\$2,100.00
Office Studies	List Personnel (note - Office only, do not include field days)				
Database compilation	Ron Bilquist	0.5	\$450.00	\$225.00	
General research	Ron Bilquist	0.5	\$450.00	\$225.00	
Report preparation	Ron Bilquist	1.0	\$450.00	\$450.00	
					\$900.00
Ground Exploration Surveys	Area in Hectares/List Personnel				
Prospect					<i>field expenditures above</i>
Transportation		No.	Rate	Subtotal	
truck rental	23,24,25 May 2011	3.00	\$75.00	\$225.00	
fuel			\$0.00	\$176.01	
ferry	Nanaimo to Gabriola			\$14.45	
					\$415.46
Accommodation & Food	Rates per day				
Hotel		\$19.99	4.00	\$19.99	\$79.96
Meals	actual costs			\$0.00	\$272.23
					\$352.19
Equipment Rentals					
Field Gear (Specify)	GPS and digital camera	3.00	\$7.00	\$21.00	
Other (Specify)					\$21.00
Freight, rock samples					
Freight			\$0.00	\$12.00	
Analysis	6 samples (prep and analysis)	6.00	\$41.10	\$246.60	
					\$258.60
TOTAL Expenditures					\$4,047.25

Samp #	Description
OP001	Orange weathered quartz (?) carbonate veins w/pyrite; possible chalcopyrite
OP002	grey to white calcareous rock with banded quartz
OP003	massive orpiment w/occasional realgar in grey-white calcareous sediment
OP004	same as OP003 but orange weathered; with orpiment
OP005	grey gritty rock 'flooding' calcareous sedimentary breccia; orpiment & realgar
OP006	massive orpiment w/realgar on fractures & open spaces in grey calcareous grey sediment
OP007	same as OP005 with amethyst

Appendix (i)

(i) Sample Preparation and Analysis:

The rock samples were placed in poly ore bags. Where possible a witness sample of each rock sample was retained and is available for viewing. The samples were shipped by Greyhound directly to Acme Laboratories Limited of Vancouver, British Columbia, an ISO 9001 accredited laboratory. Acme Laboratories is located at *1020 Cordova St. East Vancouver BC, V6A 4A3*. Their phone number is (604) 253-3158. Included with the shipment of samples was a request for analysis by their Group G as well as 1DX1, a 36 element ICP analysis.

All samples were crushed, split and pulverized to a 200 mesh size and the samples were then analysed using ACME system Code G which is a Fire Assay fusion for Gold (30 gram) by ICP-ES followed by ACME system Code 1DX1 which is a 1:1:1 Aqua Regia Digestion ICP-MS analysis on .5 gram of the pulverized sample for 36 elements.

Appendix (ii)

(ii) Certificate of Analysis (following pages):



Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Vintage Prospecting**
1410 Degnen Rd
Gabriola BC V0R 1X7 Canada

Submitted By: Ron Bilquist
Receiving Lab: Canada-Vancouver
Received: August 16, 2011
Report Date: October 05, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN11003972.1

CLIENT JOB INFORMATION

Project: Bilquist BC
Shipment ID:
P.O. Number
Number of Samples: 36

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	36	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX	36	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
G6	36	Fire assay fusion Au by ICP-ES	30	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

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

Invoice To: **Vintage Prospecting**
1410 Degnen Rd
Gabriola BC V0R 1X7
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 confidential 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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Vintage Prospecting**
 1410 Degnen Rd
 Gabriola BC V0R 1X7 Canada

Project: Bilquist BC
 Report Date: October 05, 2011

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN11003972.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	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	
OP001	Rock	1.16	0.1	47.4	0.7	58	<0.1	50.2	26.1	650	4.89	78.8	<0.5	<0.1	163	0.2	0.4	<0.1	116	9.72	0.040
OP002	Rock	1.04	0.2	2.8	0.2	1	<0.1	1.0	0.5	290	0.33	17.5	<0.5	<0.1	197	<0.1	<0.1	<0.1	7	21.59	0.006
OP003	Rock	0.87	0.3	16.3	0.9	84	<0.1	4.8	17.2	185	7.96	6040	1.1	1.0	15	<0.1	<0.1	<0.1	57	2.46	0.146
OP004	Rock	0.84	4.0	6.6	0.7	10	<0.1	10.4	10.5	13	2.54	>10000	<0.5	0.1	4	0.2	397.3	<0.1	11	0.11	0.005
OP005	Rock	0.33	6.2	6.4	2.4	12	<0.1	11.3	2.8	133	1.34	>10000	<0.5	0.2	159	0.2	13.3	<0.1	39	26.93	0.032
OP006	Rock	0.47	13.9	3.7	1.4	5	0.2	5.1	0.9	104	0.93	>10000	<0.5	<0.1	19	<0.1	123.9	<0.1	9	3.96	0.005
OP007	Rock	0.56	12.4	9.8	4.3	14	<0.1	16.0	3.8	141	1.59	>10000	<0.5	0.2	168	0.3	9.1	<0.1	33	25.19	0.045

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Vintage Prospecting**
 1410 Degnen Rd
 Gabriola BC V0R 1X7 Canada

Project: Bilquist BC
 Report Date: October 05, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN11003972.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	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	
Pulp Duplicates																					
IN005	Rock	0.70	1.0	2.8	3.2	39	<0.1	1.1	0.9	127	1.14	8.9	12.4	18.0	7	<0.1	0.1	<0.1	13	0.05	0.007
REP IN005	QC																				
Core Reject Duplicates																					
CT006	Rock	1.20	6.6	210.6	11.4	48	1.8	55.3	14.4	677	3.95	63.7	13.6	1.3	131	0.3	13.6	0.3	38	5.36	0.039
DUP CT006	QC		5.4	202.1	11.5	48	1.8	53.0	12.8	624	3.72	59.6	12.1	1.3	122	0.2	14.0	0.2	36	5.17	0.035
Reference Materials																					
STD DS8	Standard		13.3	110.5	128.3	311	1.7	40.7	7.6	615	2.46	24.1	98.9	7.7	69	2.3	4.3	6.8	43	0.67	0.079
STD DS8	Standard		13.2	110.9	128.6	315	1.8	37.7	7.2	614	2.50	25.7	177.1	6.4	67	2.6	4.8	6.9	42	0.73	0.083
STD OREAS45CA	Standard		0.9	495.4	21.1	59	0.3	251.7	89.5	915	15.84	3.4	41.0	7.5	17	<0.1	0.1	0.2	213	0.44	0.038
STD OREAS45CA	Standard		0.6	503.3	20.5	57	0.2	235.3	86.8	869	14.73	6.5	34.2	7.4	14	<0.1	<0.1	0.2	189	0.39	0.035
STD OREAS45CA	Standard		0.8	533.8	21.7	61	0.3	264.8	90.0	952	15.10	3.9	51.3	7.3	17	0.2	<0.1	0.2	217	0.42	0.041
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.87	41.1	0.7	0.08
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	0.0385
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<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
BLK	Blank		<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
Prep Wash																					
G1	Prep Blank		0.2	8.3	3.1	48	<0.1	2.7	4.7	611	2.21	1.0	<0.5	5.5	73	<0.1	<0.1	<0.1	44	0.53	0.068
G1	Prep Blank		0.2	7.9	3.3	50	<0.1	3.7	4.9	621	2.28	1.8	<0.5	5.8	74	<0.1	<0.1	<0.1	45	0.54	0.075

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