

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)]: PROSPECTING

TOTAL COST: \$1,360.

AUTHOR(S): Randy J. Marko

SIGNATURE(S): 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): July 1, July 2nd

YEAR OF WORK: 2013

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5469530 SEPTEMBER 28. 2013

PROPERTY NAME: Silver Island

CLAIM NAME(S) (on which the work was done): Silver Island Mines

COMMODITIES SOUGHT: Silver

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093K 025

MINING DIVISION: Omineca

NTS/BCGS: 093K 043

LATITUDE: 54 ° 27 ' 16.1 " LONGITUDE: 125 ° 24 ' 24.7 " (at centre of work)

OWNER(S):

1) Randy J. Marko 2) _____

MAILING ADDRESS:

4723 Morris Rd. Telkwa, B.C. V0J2X3

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

1) Randy J. Marko 2) _____

MAILING ADDRESS:

4723 Morris Rd. Telkwa, B.C. V0J2X3

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

Diorite Rhyolite Cache Creek Group silver argentite galena pyrite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 093K 025

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock 2		Silver Island Mines	\$50
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	100m X 100m	Silver Island Mines	\$1,120
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other Fuel		Silver Island Mines	\$190
TOTAL COST:			\$1,360

Prospecting Report

On the

**BC Geological Survey
Assessment Report
34547**

**Silver Island Mines Claim
(Babine Lake Area)**

Omineca Mining Division

93K/043

**54°27'16.1" North Latitude
125°24'24.7" West Longitude**

By

Randy Marko

December 2013

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Introduction

This prospecting report is a compilation of information and observations from two visits to the Silver Island Mines Claim by Randy Marko and Paul Mott on the dates of July 1st and July 2nd, 2013.

Location and Access

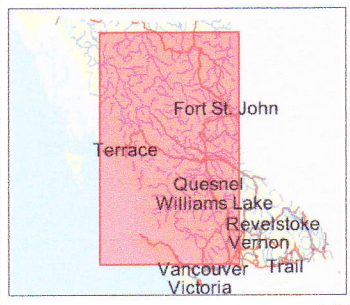
The Silver Island Mines Claim is located at the southeast end of Babine Lake. The claim is accessed by traveling north from Burns Lake for approximately 45 km to the south shore of Babine Lake. Access is then by boat for the remaining two km to the island itself.

Physiography, Climate and Vegetation

Silver Island is approximately 500 m x 400 m and is heavily forested with lodgepole pine and thick underbrush. The east end of the island has cliffs rising from lakeshore to approximately 30 m in height. The central area of the island contains swampy areas that are difficult to traverse.



LOCATION MAP



Legend

- Provincial Boundary (1:6M)
- Boundary (International)
- Boundary (Interprovincial)
- NTS Grid
- Transportation - Lines (1:6M)
 - Road - Trunk
 - Road - Main
 - Rail Line
- Water - Lines (1:6M)
 - River/Stream - Definite
 - Lake - Definite
 - Island - Definite
 - Coastline - Definite
- Water - Polygons (1:6M)
 - River/Stream - Definite
 - Lake - Definite
- Major Cities



Map center: 54°27' N, 125°24' W



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.

Notes:
Figure 1

Claim and Ownership

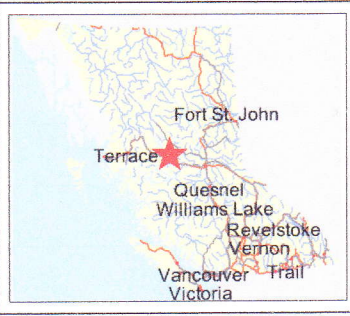
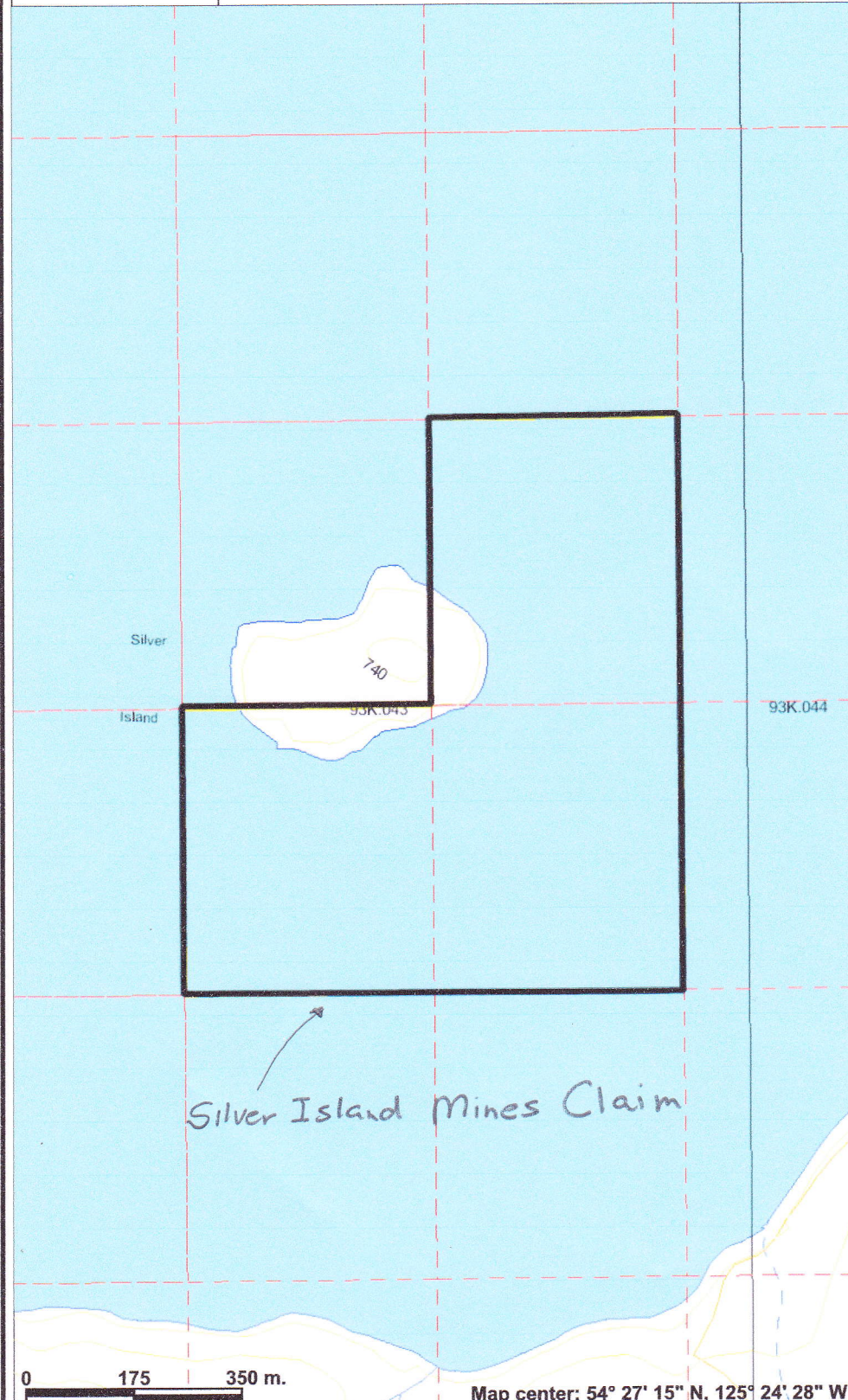
The Silver Island Mines Claim is one hundred percent owned by Randy J. Marko and is in good standing. It covers an area of 56.41 hectares, as indicated in Table 1 below.

Table 1

Tenure Number	Claim Name	Owner	Good to Date	Status	Area
579247	SILVER ISLAND MINES	201917 (100%)	15 Oct 2015	Good	56.41 ha



CLAIM LOCATION MAP



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (TRIM)
 - Contour - Index
 - Contour - Index.Indefinite
 - Contour - Index.Depression
 - Contour - Index.Depression Indefinite
 - Contour - Intermediate
 - Contour - Intermediate.Indefinite
 - Contour - Intermediate.Depression
 - Contour - Intermediate.Depression Indefinite
- Area of Exclusion
- Area of Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
 - Airfield
 - Airport
 - Airstrip
 - Airport.Abandoned
 - Ferry Route
 - Road (Gravel Undivided) - 1 Lane
 - Road (Gravel Undivided) - 2 Lanes
 - Road (Gravel Undivided) - U/C - 1 Lane
 - Road (Gravel Undivided) - U/C - 2 Lanes
 - Road (Paved Divided) - Not Elevated - 1 Lane Each Way

0 175 350 m.

Map center: 54° 27' 15" N, 125° 24' 28" W



Scale: 1:10,000

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Notes:
Figure 2

Exploration History

The Silver Island Mines were operated for several years during the 1920's. High grade silver mineralization was reported to be mined in three separate adits. The mines were operated until 1929. Little work has been done or recorded on claims until the present day.

Regional Geological Setting, Property Geology and Mineralization

The geology of the region consists of: 1) a Mississippian to Triassic Cache Creek Group oceanic volcanic and sedimentary assemblage 2) the Upper Triassic dominantly mafic volcanic Takla Group 3) the Lower to Middle Jurassic Hazelton Group mafic to felsic volcanic and sedimentary rocks 4) the Upper Cretaceous to Lower Tertiary Ootsa Lake Group sedimentary and volcanic rocks and 5) the Oligocene and Miocene Endako Group. The region has been intruded by the Lower Jurassic quartz monzonite to granodiorite Topley Intrusive Suite, Upper Jurassic plutons of the Francois Lake Suite and plugs and stocks related to Upper Cretaceous and Tertiary volcanism.

The Silver Island prospect is underlain by volcanic rocks and argillite of the Cache Creek Group, hornblende diorite of the Francois Lake Intrusive Suite and rhyolite considered to belong to the Oligocene to Miocene Endako Group.

Quartz-ankerite-barite veins occur in shear zones striking 120 degrees and dipping at about 45 degrees southwest. These veins occur mainly within diorite although at least one occurs in rhyolite. Mineralization consists of tetrahedrite and minor amounts of argentite, native silver, galena, sphalerite, chalcopyrite, pyrite, malachite and azurite. Numerous stringers of calcite cut the diorite.

Work Completed 2013

The Silver Island Mines Claim was examined by the author, along with Paul Mott, on July 1st and July 2nd, 2013. The purpose of these visits was to make geological observations and explore for occurrences of high grade silver mineralization reported to occur on the island. The following is a compilation of field notes from visits to the claim.

July 1: We arrived by boat and landed on the east side of Silver Island at the location of the number one adit (see Figure 3). The number one adit was located at the contact between the diorite bedrock on the north and the rhyolite bedrock on the south. A quartz vein was visible at the fault where the two types met. This vein was visible rising up the cliffs for approximately twenty metres. We climbed up five metres above the number one adit and took a rock sample of vein material at this location (Sample SI1301 – see Figure 3). We explored approximately thirty metres of the number one adit and a narrow paystreak of mineralized quartz was visible on the tunnel roof. The vein varied between two and eight centimetres and contained small blebs of galena, tetrahedrite and native silver.

July 2: We returned to Silver Island with climbing ropes and scaled cliffs further above the number one adit. With the help of small hand tools we exposed the quartz vein up the cliff a further twenty metres. At this location we chipped out a rock sample (SI1302 – see Figure 3). At this location the quartz vein was more heavily mineralized with galena, tetrahedrite, native silver and azurite. We spent the rest of the day exploring at the top of the cliffs to find a continuation of this mineralized vein. We were unsuccessful due to the thickness of the overburden. We did, however, find several small pieces of mineralized float in the overburden. The float closely resembled the vein material and was mineralized with galena, tetrahedrite, native silver and azurite.

Rock Geochemistry

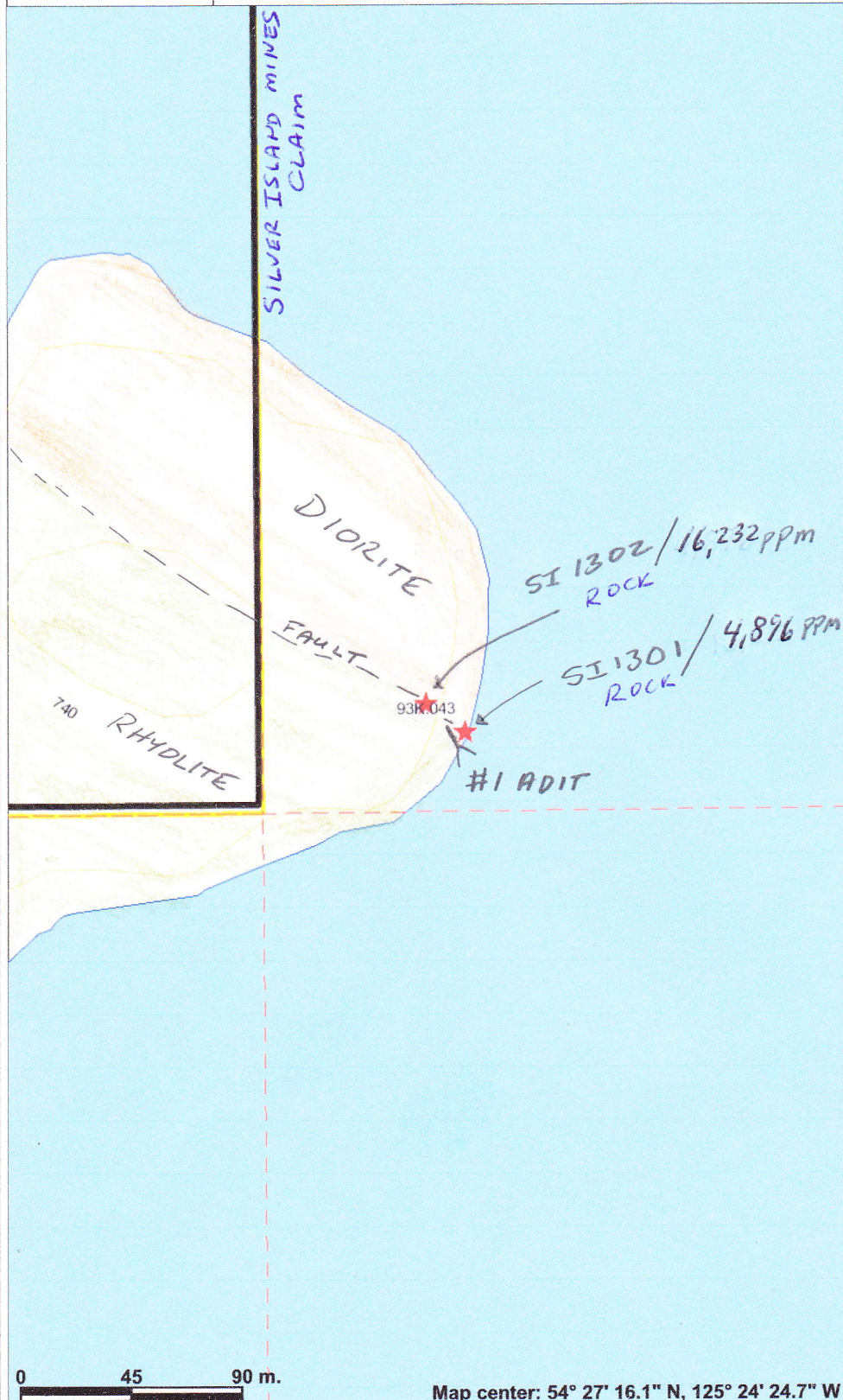
Samples were collected in plastic sample bags, and sample locations were recorded by GPS. Sample locations are marked with flagging tape. The samples were sealed in bags with security tags and taken to Acme assay lab in Smithers, British Columbia.

At the laboratory, the samples were dried, crushed and pulverized using standard rock preparation procedures. Quality control at the laboratory is maintained by internal standards and re-assaying duplicate samples from each analytical batch.

Full analytical results are in Appendix I. Sample locations are plotted by sample number in Figure 3.



SAMPLE LOCATIONS/SILVER VALUES IN PPM



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
- Mineral Reserves (current)
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- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
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 - Contour - Intermediate.Indefinite
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 - Airstrip
 - Airport.Abandoned
 - Ferry Route
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 - Road (Gravel Undivided) - U/C - 1 Lane
 - Road (Gravel Undivided) - U/C - 2 Lanes
 - Road (Paved Divided) - Not Elevated - 1 Lane Each Way

Scale: 1:2,500

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Notes:
Figure 3

SAMPLE # / PPM SILVER

Conclusions

After these two visits to the property and after reviewing the assay results from the mineralized quartz vein, the author concludes that silver mineralization of potential economic value exists on the Silver Island Mines Claim. Future visits to the claim will include more extensive trenching further inland on the island, to explore for extensions of the silver bearing vein that originates at the location of the number one adit.



www.acmelab.com

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

Client: Randy Marko
 4723 Morris Rd.
 Telkwa BC V0J 2X3 CANADA

Submitted By: Randy Marko
 Receiving Lab: Canada-Smithers
 Received: December 03, 2013
 Report Date: December 18, 2013
 Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI13000443.1

CLIENT JOB INFORMATION

Project: SI
 Shipment ID:
 P.O. Number
 Number of Samples: 2

SAMPLE DISPOSAL

RTRN-PLP Return
 RTRN-RJT Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	2	Crush, split and pulverize 250 g rock to 200 mesh			SMI
G6	2	Lead collection fire assay fusion - Grav finish	30	Completed	VAN
XWSH	2	Extra Wash with Glass between each sample			VAN

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: Randy Marko
 4723 Morris Rd.
 Telkwa BC V0J 2X3
 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.



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Client: **Randy Marko**
4723 Morris Rd.
Telkwa BC V0J 2X3 CANADA

Project: SI
Report Date: December 18, 2013

Page: 2 of 2

Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000443.1

Method	WGHT	G6Gr
Analyte	Wgt	Ag
Unit	kg	gm/t
MDL	0.01	50
SI 1301	Rock	0.59 4896
SI 1302	Rock	0.49 16232

-12-



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Client: Randy Marko
 4723 Morris Rd.
 Telkwa BC V0J 2X3 CANADA

Project: SI
Report Date: December 18, 2013

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT


SMI13000443.1

Method	WGHT	G6Gr
Analyte	Wgt	Ag
Unit	kg	gm/t
MDL	0.01	50
Reference Materials		
STD AGPROOF	Standard	95
STD SP49	Standard	59
STD SP49	Standard	59
STD AGPROOF Expected		94
STD SP49 Expected		60.2
BLK	Blank	<50
BLK	Blank	<50
Prep Wash		
G1-SMI	Prep Blank	<50

-13-

Qualifications

1. I, Randy Marko, was born in the Province of British Columbia on June 5, 1963 and currently reside near Smithers, B.C. I am a prospector that is actively involved in searching for mineral showings that have potential economic value.
2. I worked in the field of mining exploration for the summer seasons of 1979 and 1980 for Bethlehem Copper Corporation. I was trained by geologist staff in the areas of rock and mineral identification, proper sampling techniques, compassing and mapping of traverses, and sample locations.
3. I was employed by Cominco for the summer season of 1981 and was further trained with drafting department in Vancouver, B.C. My duties included mapping assay results in composite maps for review by senior staff.
4. I attest that all information contained in this prospecting report is, to the best of my knowledge, true and care was taken to ensure the accuracy of the information presented herein.



Randy John Marko

FMC #201917

Bibliography

Bailey, David G. BC minfile 093K025 February 1989

Detailed Cost Statement (Silver Island Mines Claim)

Item	Details	Cost
1. Labour Costs	GPS Traversing & Sampling Work 4 man days @ \$280/day	\$ 1,120.00
2. Fuel	Fuel for pick-up truck	\$ 190.00
3. Lab Costs	2 Rock Sample Assays	<u>\$ 50.00</u>
	Total Cost	\$ 1,360.00