

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Technical Work- Prospecting

TOTAL COST: \$920.00

AUTHOR(S): Randy Marko

SIGNATURE(S): 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): August 23, August 31

YEAR OF WORK: 2012

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event # 5407350 September 26, 2012

PROPERTY NAME: PMHOLDINGS 2

CLAIM NAME(S) (on which the work was done): PMHOLDINGS 2

COMMODITIES SOUGHT: Silver, Gold, Copper

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Omineca

NTS/BCGS: 093E/074

LATITUDE: 53 ° 43 '44.6 " LONGITUDE: 127 ° 15 '6.1 " (at centre of work)

OWNER(S):

1) Randy Marko

2) Vernon Palmer

MAILING ADDRESS:

4723 Morris Rd. Telkwa, B.C. V0J-2X3

c/o 4723 Morris Rd. Telkwa, B.C. V0J-2X3

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

1) Randy Marko

2)

MAILING ADDRESS:

4723 Morris Rd. Telkwa, B.C. V0J-2X3

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

volcanic middle jurassic galena pyrite chalcopyrite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

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			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	assaying 1 sample	PMHOLDINGS 2	\$75.00
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	400m X 400m	PMHOLDINGS 2	\$845.00
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:			\$920.00

Prospecting Report

On the

**PMHOLDINGS 2 Claim
(Emerald Glacier Area)**

Omineca Mining Division

93E/074

**UTM Zone 9N
5954793N 615339E**

**53°43'44.6" North Latitude
127°15'6.1" West Longitude**

By

Randy Marko

December 2012

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Table 1 Claim Status

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Figure 1 Location Map

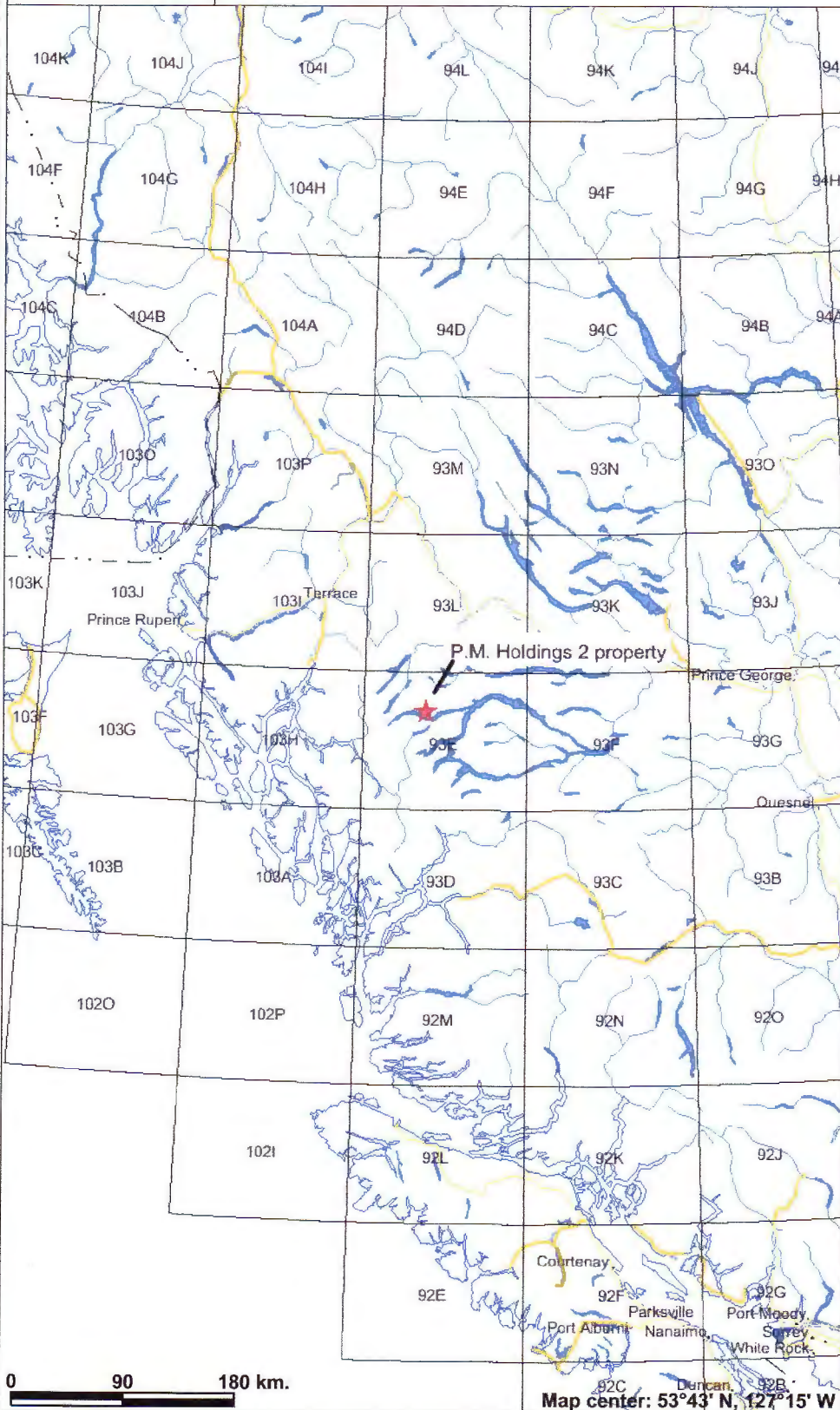
Figure 2 Claim Location Map

Figure 3 Sample Location

Appendices

Appendix I Analytical Certificates

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**

0 90 180 km.

Map center: 53°43' N, 127°15' W



Scale: 1:5,000,000

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.

Notes:

Figure 1

Introduction

This prospecting report is a compilation of information and observations from two visits to the PMHOLDINGS 2 claim by Randy Marko and Len Maillot on the date of August 23, 2012. Randy Marko made an additional visit to the claim on August 31, 2012.

Location and Access

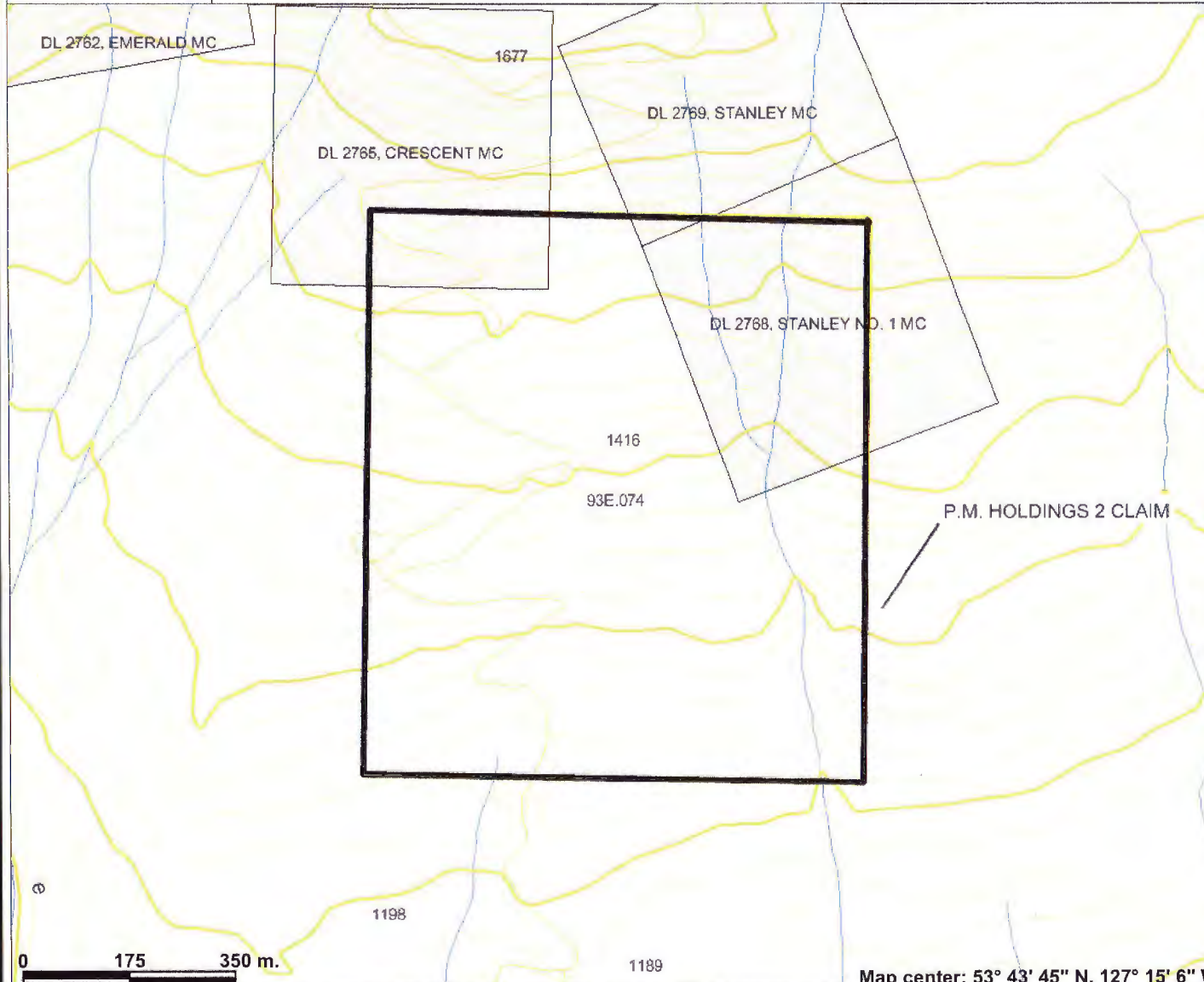
The PMHOLDINGS 2 claim is located on the southern slopes of Sweeney Mtn. approximately 120 km south of Houston, B.C. It is approximately 7 km northwest of the active Huckleberry Copper mine.

Access to the claim is achieved by following the Huckleberry Mine Road for 113 km from Houston, and then proceeding west on the Sweeney Lake FSR. At approximately 12 km a secondary road goes north up Sweeney Mountain to the (past producing) Emerald Glacier mine. This road travels completely through the PMHOLDINGS 2 claim on the western portion of the claim, providing access.

Physiography, Climate and Vegetation

Sweeney Mountain is heavily forested at lower elevations with spruce, pine and balsam stands and much logging has occurred at these elevations. At higher elevations on the claim, the forest gives way to alpine meadows intersecting talus slopes and cliffs. Vegetation at higher elevations consists of juniper, moss and alpine grasses where surface moisture is abundant from snow run-off and melting glaciers.

CLAIM LOCATION



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- 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

Scale: 1:10,000

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Notes:
Figure 2

Map center: 53° 43' 45" N, 127° 15' 6" W



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Claim and Ownership

The PMHOLDINGS 2 claim is owned 50% by Randy Marko and 50% by Vernon Palmer and is in good standing. It covers an area of 76.52 hectares as indicated in Table 1 below.

Table 1

Tenure Number	Claim Name	Owner	Good to Date	Status	Area
540802	PMHOLDINGS 2	201917 (50%) 204267 (50%)	3 Oct 2014	Good	76.52 ha

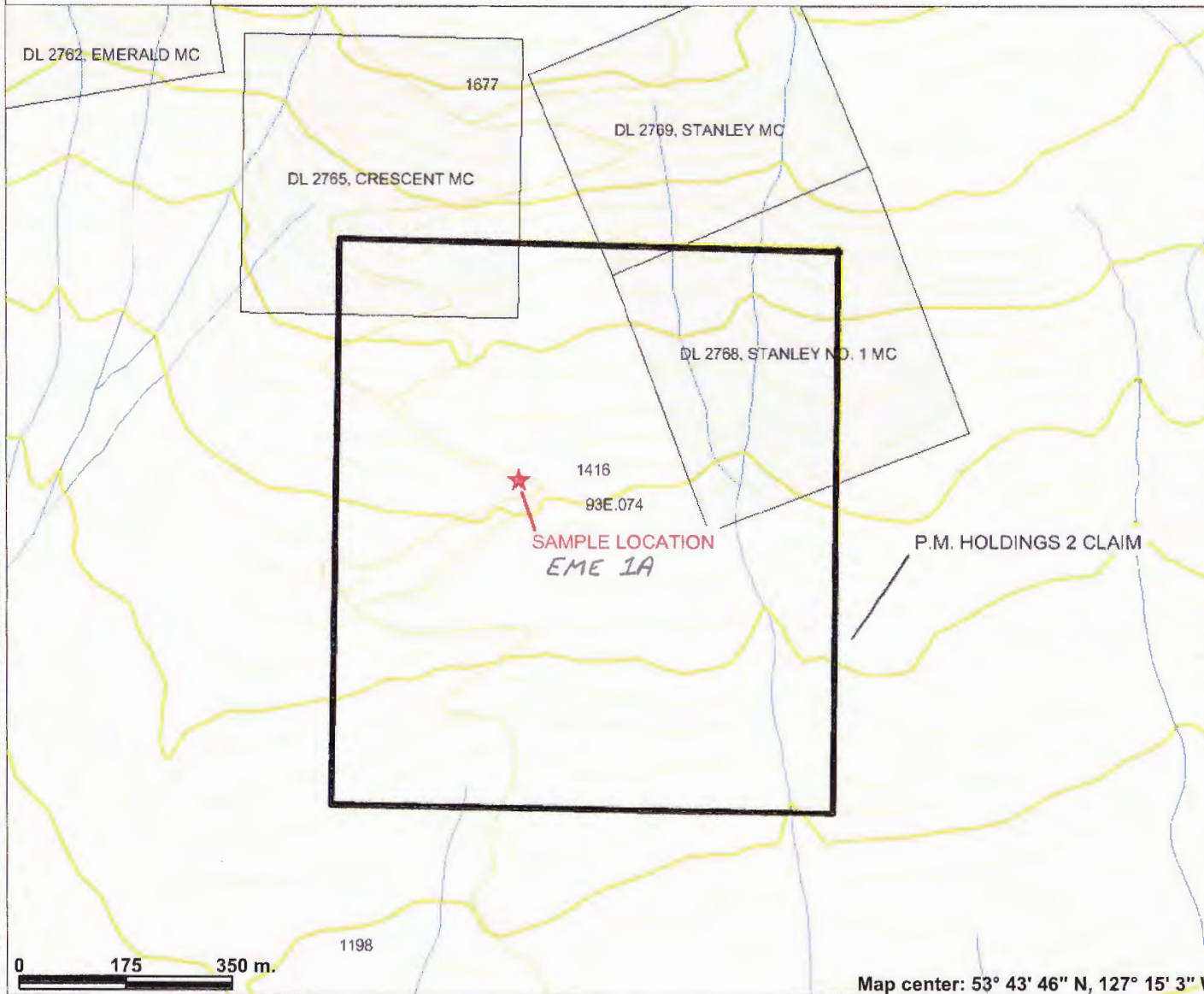
Exploration History

The PMHOLDINGS 2 claim is located on the southern slopes of Sweeney Mountain approximately 7 km from the operating Huckleberry Copper mine. The Stanley showing is approximately 100 m north of the claim boundary and indicates gold, silver and copper mineralization was discovered there. The Stanley showing is covered by the STANLEY MC, and STANLEY NO. 1 MC crown granted claims. These crown granted claims underly the northeast corner of the PMHOLDINGS 2 claim (See Figure 2). No historical records indicating any mineralized showings were ever discovered on the PMHOLDINGS 2 claim.

Regional Geological Setting, Property Geology and Mineralization

The geological setting is that of the Intermontane Tectonic Belt of the Tahtsa Range. Property geology consists of volcanics of the Middle Jurassic Age. Most of the property is underlain by Porphyritic Andesites. Shale and silt stone occur on lower portions of the property. No mineralization was found in bedrock during visits to the property.

SAMPLE LOCATION



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- 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

Map center: 53° 43' 46" N, 127° 15' 3" W

Scale: 1:10,000

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Notes:
Figure 3

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Work Completed 2012

The PMHOLDINGS 2 claim was examined by the author, along with Len Maillot on the days of August 23, 2012. Property was subsequently visited again, solely by Randy Marko, on August 31, 2012. The purpose of these visits was to make geological observations and to prospect to search for any mineralized occurrences on the claim. Observations were almost exclusively limited to areas along road access. On the August 23rd visit most prospecting was limited to the lower portions of the claim, whereas the August 31st visit consisted of observations at higher elevations on the claim. Although iron staining is common in the volcanics along the road access, no mineralized bedrock was discovered. One small piece of mineralized andesite float was found along the road. It contained minor amounts of disseminated chalcopyrite. Author concluded this rock must have been dropped from higher elevations as no source could be found nearby. One iron stained grab sample of shale was taken from bedrock as indicated in Figure 3.

Rock Geochemistry

Sample EME 1A was taken beside road. Sample location and description is indicated in Table 2 and sample location is plotted and indicated in Figure 3. Sample was collected in a plastic sample bag and sample location was recorded by GPS. Sample location was marked with flagging tape and the sample was sealed in a bag with security tag and taken to Acme assay lab in Smithers, British Columbia.

At the laboratory, the sample was 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.

Rock sample location and description is presented in Table 2. Full analytical results are in Appendix 1. Sample location is plotted by sample number (EME 1A) in Figure 3.

Table 2 – Results

Sample	GPS Location	Sample Description	Weight (kg)	Ag ppm	Cu ppm	Au ppb
EME 1A	53°43'46.8" N 127°15'12.1" W	grab sample of weathered shale from bedrock. no visible mineralization.	.34	<0.3	6	<0.5

Conclusions

After these two visits to the property this author concludes that large amounts of bedrock are visible on the western portions of the claim and appear to be completely void of any visible mineralization. Assay confirms no economic concentration of silver, gold or copper were found. Future visits to the eastern portion of the claim may prove to be more successful in finding any mineralization due to the proximity of the northeasterly portion of the claim to the STANLEY MC Crown granted claims.



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Acme Analytical Laboratories (Vancouver) Ltd.

PHONE (604) 253-3158

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

Submitted By: Randy Marko
Receiving Lab: Canada-Smithers
Received: September 24, 2012
Report Date: December 18, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI12000398.1

CLIENT JOB INFORMATION

Project: EME
Shipment ID: SH2
P.O. Number
Number of Samples: 1

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	1	Crush, split and pulverize 250 g rock to 200 mesh			SMI
3A	1	Ignite samples, acid digest, Au by ICP-MS analysis	15	Completed	VAN
1DD	1	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN

SAMPLE DISPOSAL

RTRN-PLP Return
PICKUP-RJT Client to Pickup Rejects

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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Acme Analytical Laboratories (Vancouver) Ltd.

PHONE (604) 253-3158

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

Project: EME
Report Date: December 18, 2012

Page: 2 of 2

Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI12000398.1

Method	WGHT	3A	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.5	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	
G1-SMI	Prep Blank	<0.01	0.9	<1	1	<3	37	<0.3	2	3	532	1.86	2	<8	<2	4	57	<0.5	<3	<3	35
EME 1A	Rock	0.34	<0.5	<1	6	<3	63	<0.3	5	6	651	3.64	15	<8	<2	<2	34	<0.5	<3	<3	30



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

Project: EME
Report Date: December 18, 2012

Page: 2 of 2

Part: 2 of 1

CERTIFICATE OF ANALYSIS

SMI12000398.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%
MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05
G1-SMI Prep Blank	0.48	0.073	9	7	0.49	159	0.11	<20	0.94	0.09	0.48	<2	<0.05
EME 1A Rock	1.06	0.044	10	7	0.55	76	<0.01	<20	1.40	0.03	0.16	<2	0.06

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

Project: EME
Report Date: December 18, 2012

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

SMI12000398.1

Method	WGHT	3A	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.5	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	
Pulp Duplicates																					
EME 1A	Rock	0.34	<0.5	<1	6	<3	63	<0.3	5	6	651	3.64	15	<8	<2	<2	34	<0.5	<3	<3	30
REP EME 1A	QC		<0.5																		
Reference Materials																					
STD CDN-GS-P2A	Standard	217.1																			
STD CDN-GS-P2A	Standard	210.3																			
STD DS9	Standard		12	99	118	301	1.7	39	7	554	2.23	28	<8	<2	4	66	2.0	6	4	38	
STD OREAS45EA	Standard		<1	650	10	26	<0.3	366	50	396	22.27	7	<8	<2	9	4	<0.5	4	<3	288	
STD OREAS45CA	Standard		<1	484	16	57	<0.3	236	88	926	14.94	2	<8	<2	6	14	<0.5	4	<3	206	
STD OREAS45EA Expected			1.78	709	14.3	30.6	0.311	357	52	400	22.65	11.4		0.053	10.7	4.05				295	
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5		0.118	6.38	69.6	2.4	4.94	6.32	40	
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	1.2	0.043	7	15	0.1	0.13	0.19	215	
STD CDN-GS-P2A Expected		229																			
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	4	<3	<1	
BLK	Blank	<0.5																			
Prep Wash																					
G1-SMI	Prep Blank	<0.01	0.9	<1	1	<3	37	<0.3	2	3	532	1.86	2	<8	<2	4	57	<0.5	<3	<3	35

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

Acme Analytical Laboratories (Vancouver) Ltd.

Project: EME
Report Date: December 18, 2012

PHONE (604) 253-3158

Page: 1 of 1

Part: 2 of 1

QUALITY CONTROL REPORT

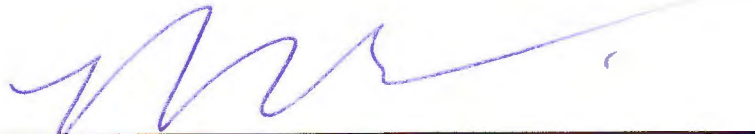
SMI12000398.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	
MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	
Pulp Duplicates														
EME 1A	Rock	1.06	0.044	10	7	0.55	76	<0.01	<20	1.40	0.03	0.16	<2	0.06
REP EME 1A	QC													
Reference Materials														
STD CDN-GS-P2A	Standard													
STD CDN-GS-P2A	Standard													
STD DS9	Standard	0.68	0.081	11	111	0.59	320	0.10	<20	0.91	0.08	0.39	3	0.16
STD OREAS45EA	Standard	0.03	0.027	6	836	0.08	150	0.09	<20	2.86	0.02	0.05	<2	<0.05
STD OREAS45CA	Standard	0.44	0.039	15	697	0.12	163	0.12	<20	3.30	0.01	0.07	<2	<0.05
STD OREAS45EA Expected		0.032	0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		0.044
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.1615
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.021
STD CDN-GS-P2A Expected														
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2	<0.05
BLK	Blank													
Prep Wash														
G1-SMI	Prep Blank	0.48	0.073	9	7	0.49	159	0.11	<20	0.94	0.09	0.48	<2	<0.05

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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

Minfile No. 093048, STANLEY (BCGS), July 24, 1985 last edit by Sweeney, S. (SSW), April 1, 2009

Detailed Cost Statement (PMHOLDINGS 2 Claim)

Item	Details	Cost
1. Labour Costs	GPS Traversing & Sampling Work 2.5 man days @ \$275/day	\$ 687.50
2. Fuel Costs	Fuel for pick-up truck	\$ 157.50
3. Lab Costs	1 Rock Sample Assay	<u>\$ 75.00</u>
	Total Cost	\$ 920.00