

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

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

TOTAL COST: \$2,680.

AUTHOR(S): Randy J. Marko

SIGNATURE(S): 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): July09, July 10, August 20, September 1

YEAR OF WORK: 2012

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5407348 September 26, 2012

PROPERTY NAME: Cronin

CLAIM NAME(S) (on which the work was done): Cronin 1

COMMODITIES SOUGHT: Silver, Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093L 127

MINING DIVISION: Omineca

NTS/BCGS: 93L/096

LATITUDE: 54 ° 55 '22.5 " LONGITUDE: 126 ° 49 '4.5 " (at centre of work)

OWNER(S):

1) Randy J. Marko

2)

MAILING ADDRESS:

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

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

1) Randy J. Marko

2)

MAILING ADDRESS:

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

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

Lower and Middle Jurassic Red Rose Formation Middle Albian Age Rhyolite Intrusives Porphyry Andesites

galena boulangerite tetrahedrite pyrite chalcopyrite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 093L 127

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 12		Cronin 1	\$420
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area) Approx 1km X 1km		Cronin 1	\$2,260
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:			\$2,680

Prospecting Report

On the

**Cronin 1 Claim
(Cronin Property)**

Omineca Mining Division

93L/096

**UTM Zone 9N
6088641N 639664E**

**54°55'30.6" North Latitude
126°49'13.10" West Longitude**

By

Randy Marko

November 2012

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Introduction

This prospecting report is a compilation of information, observations, and data that was gathered from four separate visits to the Cronin property by Randy Marko and Len Maillot on the dates of July 9th and July 10th, 2012; August 20th, 2012 and September 1st, 2012.

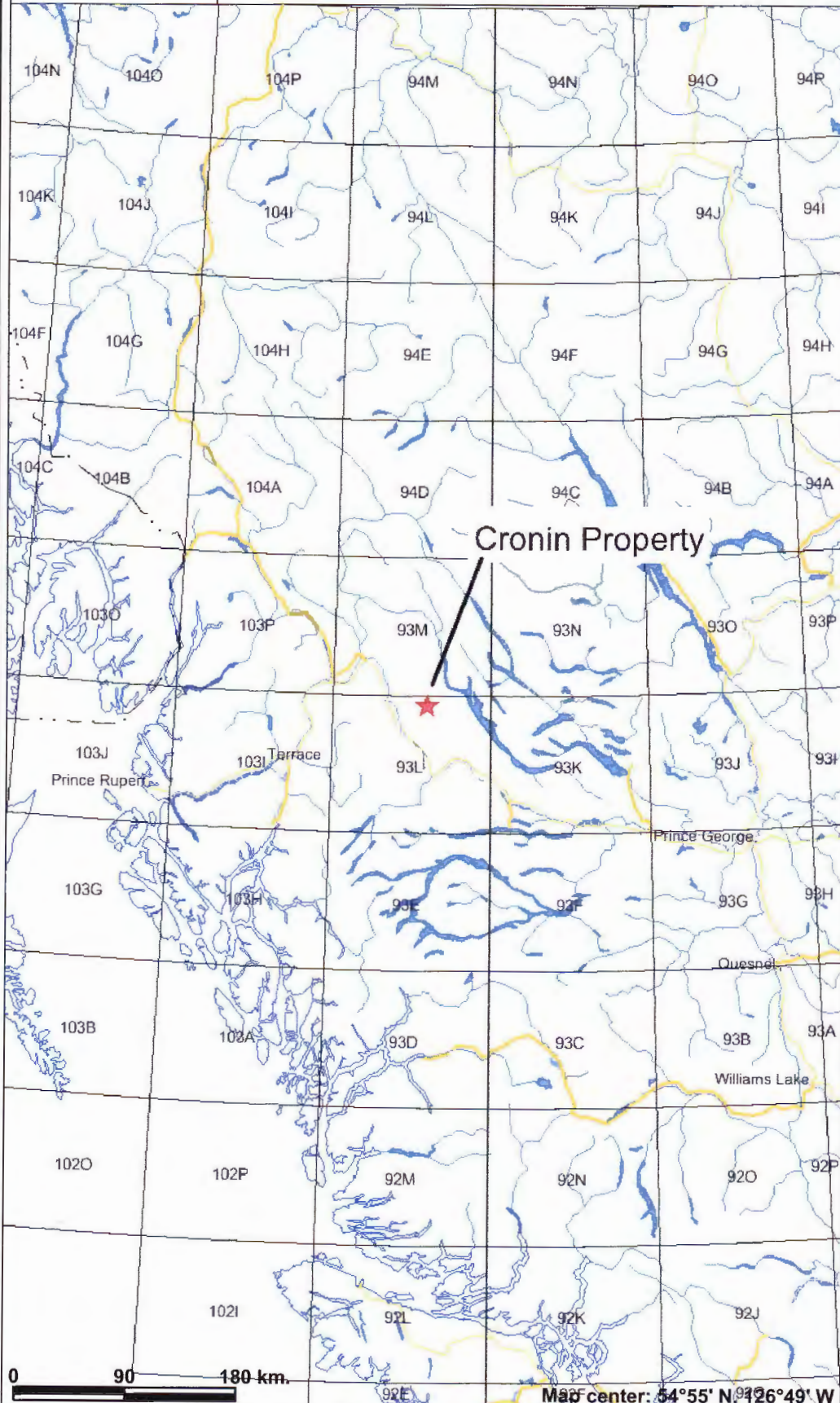
Location and Access

The Cronin property is located approximately 28 km NE of Smithers, BC in the Omineca Mining Division. The centre of the Cronin 1 claim is located near UTM coordinates 639664E, 6088641N or 54°55'30.6" North Latitude, 126°49'13.9" West Latitude. The property can be accessed from Smithers, BC by taking the Babine Lake Road to km 34, and then hiking up the Cronin trail for an additional 18 kms to the property.

Physiography, Climate and Vegetation

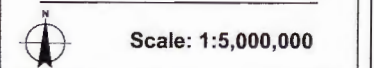
The claim is situated in the Babine Mountains, on the north slopes of the Cronin Creek valley (see figure 2). The climate is that of an interior mountain snow belt, with heavy winter snowpack, and snow squalls possible any month of the year as the elevation of the property ranges between 1,100 and 2,100 metres. The vegetation on the lower part of property consists of over mature spruce and balsam stands of timber. At the higher elevations alpine flats are intersected by talus slopes and cliffs.

Cronin Property



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



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.

FIGURE 1

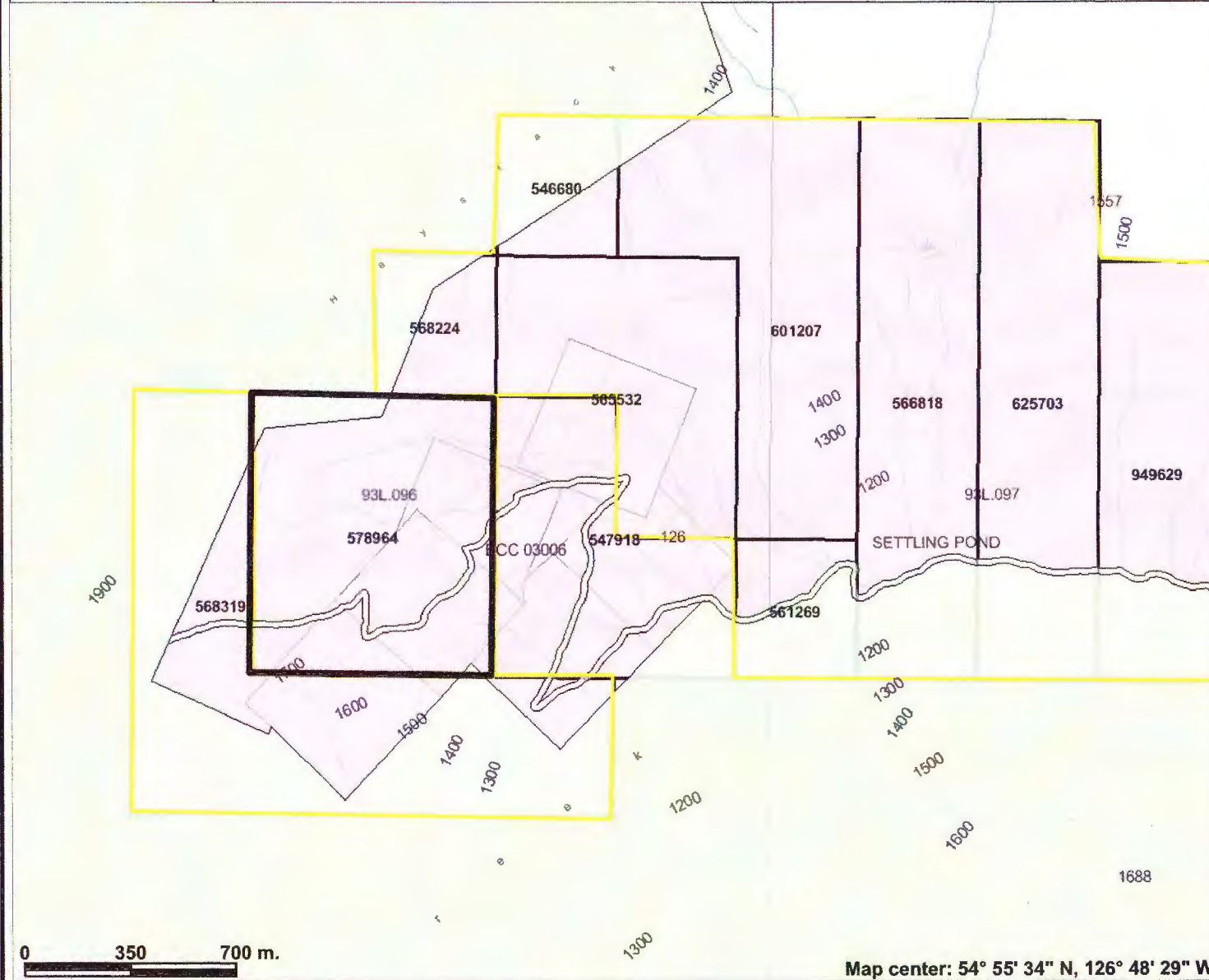
Claim and Ownership

The Cronin 1 claim is part of a larger contiguous block of claims known as the “Cronin Property” (see figure 2). The claim is owned by Randy Marko and is in good standing. It covers an area of 74.35 hectares as indicated in Table 1 below.

Table 1

Tenure Number	Claim Name	Owner	Good to Date	Status	Area
578964	CRONIN 1	201917 (100%)	15 Feb 2014	Good	74.35 ha

CRONIN PROPERTY CRONIN 1 CLAIM



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Integrated Cadastral Fabric
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Area of Exclusion
- Area of Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)
- Transportation - Lines (TRIM)
- Helipad
- 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 (Gravel Divided) - Not Elevated

0 350 700 m.

Map center: 54° 55' 34" N, 126° 48' 29" W



Scale: 1:20,000

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FIGURE 2

Exploration History

The Cronin 1 claim covers areas that hosted the previous underground workings of the past producing Cronin Mine. The discovery and the production data is included here. The following is a brief summary of the mine history.

The Cronin Mine has had a fairly extensive history that has been well documented elsewhere (e.g. Livgard 1972, Trenholme 1977) and is summarized below from a variety of sources.

- 1905 Discovery by prospectors from Hazelton
- 1908 Property purchased by James Cronin
- 1908 - 1925 Mr. J. Cronin develops the mine with approximately 4000 feet of lateral workings at a cost of approximately \$250,000. Mr. Cronin considered he had the property ready for mill construction at his untimely death in 1925.
- 1928 The property was obtained from Mr. Cronin's estate and Babine Bonanza Metals Ltd. Was formed but the onset of the depression halted further work.
- 1948 New Cronin Babine Mines Ltd. Was formed and constructed a 50 ton per day mill.
- 1952 Production commenced, producing over 3,000 tons before shutting down due to low metal prices.
- 1956 Mining and milling resumed, producing over 10,000 tons.
- 1970 Mr. P. Kindrat purchased the property and continued production.
- 1971 Property optioned from Kindrat by Messrs. J. Wilson, F. Messner and M. Messner.
- 1972 The option along with adjoining claims held by the Messners was assigned to Hallmark Resources Ltd.
- 1973 Hallmark refurbished the mill and camp and placed the property back into production, milling over 1800 tons of ore. Prospecting identified several new veins.
- 1974 Drifting along the #1 level.

- 1975 Property optioned to Coca Minerals Ltd. Who were looking for bulk tonnage open pitable reserves. They drilled 10 surface diamond holes totalling 1,530 metres into the Wardell Zone identifying a small high grade body of mineralization, but no large tonnage body. The option was terminated.
- 1977 Underground work on the Cronin Mine, including drifting and raising. Detailed underground mapping and channel sampling and surface mapping completed.
- 1980-1981 Small amount of underground work took place on the #1 level.
- 1983 Goldsil Mining & Milling Inc. optioned the property. Extensive underground sampling and some surface diamond drilling; 14 holes totalling 1,582 feet. This work confirmed and improved the reserves previously known.
- 1987 Southern Gold Resources ltd. acquired an option on the property.
- 1998 All Crown granted claims were forfeited and ownership reverted to the Crown.
- 2001 Cronin claims re-staked by Thomas Carpenter.
- 2006 Claims were abandoned and forfeited to the Crown.
- 2006 New mineral tenures were staked by Randy Marko and held in good standing until present.

Table 2: Published Production Data

Year	Tonnes Mined	Tonnes Milled	Gold (grams)	Silver (grams)	Copper (kg)	Lead (kg)	Zinc (kg)	Cadmium (kg)
1917	72	0	0	132,405	0	26,064	0	0
1929	27	0	0	21,368	0	6,214	7,765	0
1951	55	0	93	62,486	0	12,789	16,162	0
1952	3,184	0	871	740,998	0	121,867	128,133	1,702
1956	3,810	3,810	1,244	1,436,554	0	294,727	275,443	3,457
1957	5,368	5,368	1,959	2,072,237	8,092	317,033	384,805	4,891
1958	112	0	187	191,874	0	31,969	30,909	0
1959	907	0	342	302,197	0	49,013	36,910	440
1960	921	0	498	281,607	0	41,603	34,474	430
1961	1102	0	467	360,266	0	53,054	48,364	625
1963	328	328	218	108,798	0	14,037	18,809	255
1964	454	454	249	170,227	0	27,649	41,592	476
1965	703	703	156	379,892	0	63,472	88,967	1,167
1966	907	907	218	312,430	0	50,315	80,396	1,040
1967	680	680	187	145,407	0	33,595	47,523	495
1969	272	272	62	77,291	0	13,866	15,579	155
1970	1,584	1,584	840	367,015	0	50,508	53,243	650
1971	907	907	435	364,869	0	49,183	72,321	855
1972	907	635	311	275,728	0	44,946	47,642	557
1973	2,994	1,814	342	252,712	1,346	42,062	49,530	509
1974	544	544	93	113,557	956	23,212	39,314	308
TOTALS	25,838	18,006	8,772	8,169,918	10,394	1,367,178	1,517,881	18,012

This calculates to a recovered milled grade of 0.5 g/T gold, 454 g/T silver, 7.6% lead and 8.4% zinc.

Table 3: Ore Reserve Estimate (Most Recent)

Date	Classification	Metric Tons	Total	g/T Au	g/T Ag	% Pb	% Zn
12/1983	Indicated	317,000	317,000	1.7	354.4	8.0	8.0

(source minfile 093L127)

Regional Geological Setting

“The Smithers map area is underlain by the Lower and Middle Jurassic essentially volcanic Hazelton Group, by the Middle and Upper Jurassic mainly sedimentary Bowser Lake Group, by the volcanic and sedimentary Lower Cretaceous Skeena Group, and by the Tertiary volcanic Endako and Ootsa Lake Groups. The early Jurassic Topley Intrusions cut the lower part of the Hazelton Group and a variety of intermediate to acidic plutons of Late Cretaceous to Eocene age intrude most older units throughout the area. Structurally the area is dominated by a multitude of steep normal faults. Few contacts between map units are unfaulted and these are mainly intrusive or contacts between younger map units. Folding is commonly only in the few sedimentary units and is spatially and genetically related to the Eocene thrust faults.” (Tipper 1972)

Property Geology

In the vicinity of the property, the principal rock types consist of the following, using Tipper and Richards nomenclature:

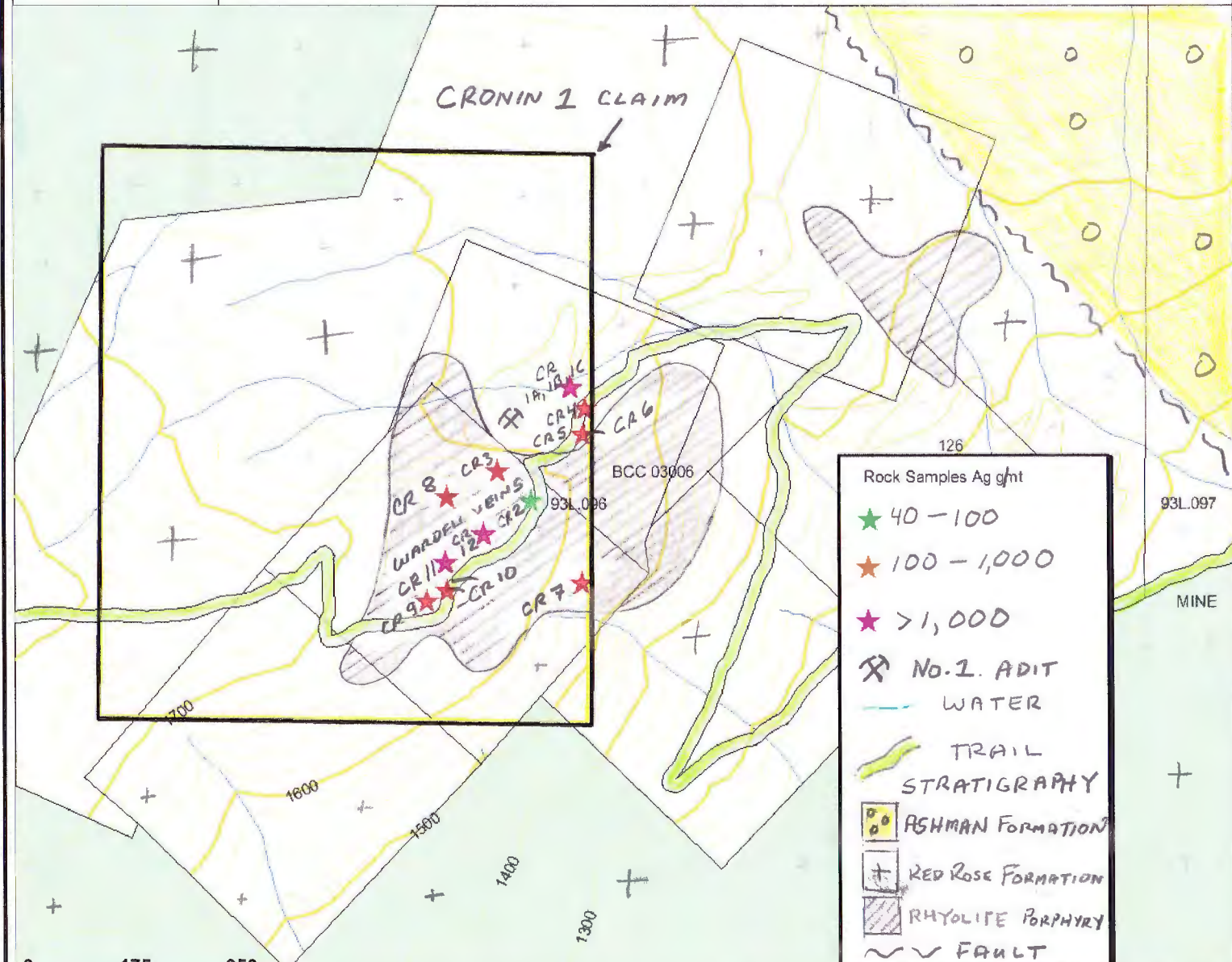
To the east lies the Jurassic Ashman Formation, part of the Bowser Lake Group, considered to be of Upper Bajocian to Lower Oxfordian age, and consisting of dark grey to black shale, quartzose sandstone, greywacke and chert pebble conglomerate. This is overlain to the west by Cretaceous sediments and volcanics of the Skeena Group; including the Red Rose and Brian Boru Formations. The Red Rose Formation is of Middle Albian age and comprises black to dark grey shale, chert pebble conglomerate and minor micaceous greywacke. In the vicinity of the rhyolite intrusives this unit is frequently intensely sericitized and highly foliated. The overlying Brian Boru Formation is overthrust from the west and is considered to be of Albian age or younger. It comprises of vari-coloured porphyritic tuffs, breccias and flows. In the field this unit is quite distinctive as a variety of fresh looking feldspar porphyry andesites, with phenocrysts ranging up to one centimetre, and volcanic agglomerates.

Mineralization

Sulphide mineralization occurs in quartz stockworks, quartz infilling in faults, along fractures or as disseminations in the intrusive. The mineralized veins are results of two sinuous faults which strike northeasterly and dip moderately westward. The quartz veins exposed in the workings range in width from 0.3 to 1.0 metres. Striking northeast and dipping 45 to 65 degrees to the northwest. Mineralization occurs as pods up to 40 metres long by 6 metres wide within the main fault system. There is a distinct zoning of minerals within the pods; galena, boulangerite and tetrahedrite are concentrated near the fault plane with the sphalerite spread out into the altered and brecciated wallrock. Pyrite and chalcopyrite occur erratically throughout the vein system.

(source minfile 093L127)

CRONIN 1 GEOLOGY AND ROCK GEOCHEMISTRY



Rock Samples Ag g/t

- ★ 40 - 100
- ★ 100 - 1,000
- ★ > 1,000
- ⊗ No. 1. ADIT
- WATER
- TRAIL
- STRATIGRAPHY
- ◻ ASHMAN FORMATION
- ⊕ RED ROSE FORMATION
- ▨ RHYOLITE PORPHYRY
- ~ FAULT

Legend

- ◻ Indian Reserves
- ◻ National Parks
- ◻ Conservancy Areas
- ◻ Parks
- ◻ Federal Transfer Lands
- ◻ Mineral Tenure (current)
- ◻ First Nations Treaty Related Lands
- ◻ First Nations Treaty Lands
- ◻ Integrated Cadastral Fabric
- ◻ 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

Scale: 1:10,000

0 175 350 m.

Map center: 54° 55' 26" N, 126° 48' 48" W

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FIGURE 3

Work Completed 2012

The following is a compilation of observations in field notes covering claim visits:

July 9: We were able to drive up the first 3 km of Cronin trail in a pickup truck and then proceeded on mountain bikes for the next 7 km. At this point the bridge crossing Cronin Creek was washed away by spring run-off. After crossing the creek we continued up the trail a further 6 kms and at that point proceeded on foot to the claim. There was still snow at higher elevations and prospecting was limited to areas on the east portion of the claim. There was evidence that the #1 adit had been caved in and covered by talus material. We examined some sorted ore from a nearby dump and found it to be primarily rhyolite containing quartz veins mineralized with galena and pyrite. We took three typical samples here of the ore (CR1A, CR1B, CR1C), see Figure 3. The next day (July 10) we returned to the property and tried to access the higher elevations on the claim, to an area known as the Wardell veins in historic info. We found an area of extensive trenching and were able to find the higher portions of the access trail along trenches. We took two more samples from trench locations (CR2 and CR3). Due to the elevated pyrite content in CR3, we made note to have it specifically assayed for gold content separately. We made the decision to wait until later in the season to return so as to be able to prospect on the claim, free from winter snow pack.

August 20: We returned to Cronin 1 claim and it was approximately 75% snow free. We found considerably more galena mineralization in float and proceeded along the east boundary of the claim examining talus material. We took four grab samples of quartz vein float material heavily mineralized with galena (CR4, CR5, CR6 and CR7). See Figure 3.

September 1: This was our last visit to the property in 2012 and we set out determined to examine as much of the Wardell vein area as was possible. We were able to follow a hiking trail unencumbered by snow directly to the trenched areas. We managed to find several of the mineralized veins exposed by previous trenching. The system of mineralized quartz veins is quite extensive and we took several grab samples from trenches to assay for silver content only (CR7, CR8, CR9, CR10, CR11, CR12). See Figure 3.

The Cronin 1 claim was examined by the author, along with Len Maillot on the days July 9th and July 10th, August 20th and September 1st, 2012. The purpose of the visits was to make geological observations and collect rock samples to evaluate the mineralization on the property, particularly silver and gold values. Historic information on property indicated areas of undeveloped vein systems that occur on the Cronin 1 claim, known as the "Wardell" veins (see Figure 3).

The showings on the Cronin 1 claim consist of several exposed vein systems, spanning an approximate strike length of 800 metres. The adit known as No. 1 has been closed off with talus material and several ore-dumps were found in area (see Figure 3). Ore dumps consist primarily of rhyolite porphyry. Most mineralization occurs in quartz veins, and consists of various combinations of up to 80% galena, tetrahedrite, pyrite and chalcopyrite.

In trenched areas along access trail, oxidized thin white quartz veins and stringers are prevalent. The veins and stringers contain various amounts of galena, tetrahedrite, pyrite and chalcopyrite. Rock sample locations are plotted in Figure 3.

Rock Geochemistry

Rock samples were collected from mineralized areas on the property in order to confirm the potential of the zones. The samples include four float samples, three typical ore dump samples and seven grab samples from trenches. 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.

Rock sample locations and descriptions are presented in Table 4. Full analytical results are in Appendix I. Sample locations are plotted by sample number in Figure 3.

Table 4 – Results

Sample	GPS Location	Sample Description	Weight (kg)	Ag g/mt	Au ppb
CR 1A	54 55 32.2 N 126 48 53.1 W	Typical sample from ore dump. quartz vein material containing 20 % galena, pyrite and chalcopyrite.	.37	>100	1143
CR 1B	54 55 32.2 N 126 48 53.1 W	Typical sample from ore dump. quartz vein material containing 20% galena, pyrite and chalcopyrite.	.74	1006	N.A.
CR 1C	54 55 32.2 N 126 48 53.1 W	Typical sample from ore dump. quartz vein material containing 20% galena, pyrite and chalcopyrite.	.56	>100	1168
CR 2	54 55 26.2 N 126 48 56.8 W	Grab sample from trench wardell veins. quartz vein material in rhyolite containing 10% galena.	.63	41.9	31.1
CR 3	54 55 27.8 N 126 48 59.7 W	Grab sample from trench wardell veins. Altered rhyolite containing disseminated finely grained pyrite and galena.	.59	>100	10730
CR 4	54 55 31.1 N 126 48 51.7 W	Float. quartz vein material containing 50% galena.	.40	>100	3893
CR 5	54 55 29.8 N 126 48 51.9 W	Float. quartz vein material containing 60% galena.	.56	654	N.A.
CR 6	54 55 29.8 N 126 48 51.9 W	Float. quartz vein material containing 60% galena.	1.08	728	N.A.
CR 7	54 55 21.9 N 126 48 51.9 W	Float. sericite schist with quartz stringers containing 1% chalcopyrite and 10% galena.	.66	>100	104.7
CR 8	54 55 26.5 N 126 49 4.4 W	Grab sample from trench wardell veins. Small quartz vein in rhyolite containing 15% galena.	.63	153	N.A.
CR 9	54 55 20.9 N 126 49 6.1 W	Grab sample from trench wardell veins. sericite schist with disseminated galena and chalcopyrite.	.55	685	N.A.
CR 10	54 55 21.4 N 126 49 4.3 W	Grab sample from trench wardell veins. rhyolite with quartz stringers containing 10% galena.	.20	340	N.A.
CR 11	54 55 22.9 N 126 49 4.4 W	Grab sample from trench wardell veins. Massive galena tetrahedrite in quartz vein 60% mineralized.	.57	3190	N.A.
CR 12	54 55 24.3 N 126 49 0.9 W	Grab sample from trench wardell veins. rhyolite with quartz stringers 50% galena.	.22	1308	N.A.

Conclusions

After visiting the property, taking and evaluating sample assays, the author concludes that the Cronin 1 claim does appear to contain large areas of mineralization of economic value. Of particular interest is the Wardell vein area (see Figure 3). Silver values of up to 3190 g/t, along with gold values of up to 10.93 g/t, are documented in the Wardell vein trenches and certainly warrant further sampling, trenching, and possible diamond drilling to further evaluate potential of this area.



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Client: Randy Marko
4723 Morris Rd.
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Submitted By: Randy Marko
Receiving Lab: Canada-Smithers
Received: September 21, 2012
Report Date: November 02, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI12000383.1

CLIENT JOB INFORMATION

Project: CRONIN
Shipment ID: SH2
P.O. Number
Number of Samples: 14

SAMPLE DISPOSAL

RTRN-PLP Return
PICKUP-RJT Client to Pickup Rejects

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	14	Crush, split and pulverize 250 g rock to 200 mesh			SMI
G6	8	Lead collection fire assay fusion - Grav finish	30	Completed	VAN
3A	6	Ignite samples, acid digest, Au by ICP-MS analysis	15	Completed	VAN
1DD	6	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	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: CRONIN
 Report Date: November 02, 2012

Page: 2 of 2

Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI12000383.1

Method	WGHT	G6Gr	3A	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
Unit	kg	gm/t	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	50	0.5	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3
G1-SMI	Prep Blank	<0.01	<50	0.7	<1	<1	<3	38	<0.3	1	3	507	1.74	<2	<8	<2	3	43	<0.5	<3
G1-SMI	Prep Blank	<0.01	<50	<0.5	<1	<1	<3	39	<0.3	1	3	502	1.71	<2	<8	<2	5	44	<0.5	<3
CR 1 A	Rock	0.37	N.A.	1143	4	6717	>10000	>10000	>100	4	2	87	7.65	1659	<8	<2	<2	4	1077	281
CR 1 B	Rock	0.74	1006	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 1 C	Rock	0.56	N.A.	1768	4	6091	>10000	>10000	>100	5	3	91	8.91	3586	<8	<2	<2	3	1382	273
CR 2	Rock	0.63	N.A.	31.1	<1	419	4356	1940	41.9	<1	<1	154	0.99	539	<8	<2	<2	28	17.4	135
CR 3	Rock	0.59	N.A.	10730	4	74	4541	687	>100	4	5	<2	30.48	>10000	<8	11	<2	1	16.4	238
CR 4	Rock	0.40	N.A.	3893	23	604	>10000	>10000	>100	28	28	2956	14.38	>10000	<8	<2	<2	76	571.7	38
CR 5	Rock	0.56	654	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 6	Rock	1.08	728	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 7	Rock	0.66	N.A.	104.7	<1	306	>10000	630	>100	<1	<1	229	0.56	189	<8	<2	<2	3	18.7	472
CR 8	Rock	0.63	153	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 9	Rock	0.55	685	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 10	Rock	0.20	340	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 11	Rock	0.57	3190	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 12	Rock	0.22	1308	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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 Telkwa BC V0J 2X3 CANADA

Project: CRONIN
 Report Date: November 02, 2012

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Part: 2 of 1

CERTIFICATE OF ANALYSIS

SMI12000383.1

Method	Analyte	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
	MDL	1	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
G1-SMI	Prep Blank	34	0.36	0.071	10	2	0.43	104	0.10	<20	0.74	0.07	0.38	<2
G1-SMI	Prep Blank	34	0.39	0.072	10	2	0.40	114	0.10	<20	0.70	0.08	0.39	<2
CR 1 A	Rock	<1	0.02	0.003	<1	14	0.01	<1	<0.01	<20	0.02	<0.01	0.02	<2
CR 1 B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 1 C	Rock	<1	0.02	0.004	1	13	<0.01	4	<0.01	<20	0.03	<0.01	0.02	<2
CR 2	Rock	<1	0.18	0.045	4	10	0.01	43	<0.01	<20	0.14	0.01	0.11	<2
CR 3	Rock	2	<0.01	<0.001	<1	2	<0.01	6	<0.01	<20	0.04	<0.01	0.02	<2
CR 4	Rock	2	1.91	0.036	1	13	0.48	29	<0.01	<20	0.14	<0.01	0.11	<2
CR 5	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 6	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 7	Rock	<1	<0.01	<0.001	<1	17	<0.01	2	<0.01	<20	0.02	<0.01	<0.01	<2
CR 8	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 9	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 10	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 11	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CR 12	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Project: CRONIN
Report Date: November 02, 2012

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Part: 1 of 1

QUALITY CONTROL REPORT

SMI12000383.1

Method	WGHT	G6Gr	3A	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Wgt	Ag	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
Unit	kg	g/t	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	50	0.5	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	
Pulp Duplicates																					
CR 3	Rock	0.59	N.A.	10730	4	74	4541	687	>100	4	5	<2	30.48	>10000	<8	11	<2	1	16.4	238	201
REP CR 3	QC				4	74	4398	680	>100	4	4	<2	29.99	>10000	<8	11	<2	1	16.1	236	196
Reference Materials																					
STD AGPROOF	Standard		95																		
STD AGPROOF	Standard		92																		
STD CDN-GS-P2A	Standard		245.3																		
STD CDN-GS-P2A	Standard		225.3																		
STD DS9	Standard			11	100	91	300	1.7	38	7	558	2.23	20	<8	<2	5	57	2.3	4	<3	
STD OREAS45CA	Standard			1	468	22	56	<0.3	227	91	891	14.79	<2	<8	<2	4	13	<0.5	<3	5	
STD OREAS45EA	Standard			3	643	12	26	0.3	354	53	382	22.27	3	<8	<2	7	4	0.6	5	<3	
STD SP49	Standard		57																		
STD SP49	Standard		53																		
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	
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	
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				
STD SP49 Expected			60.2																		
STD AGPROOF Expected			94																		
STD CDN-GS-P2A Expected			229																		
BLK	Blank		<50																		
BLK	Blank		<50																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	
BLK	Blank		<50																		
BLK	Blank		<0.5																		
Prep Wash																					
G1-SMI	Prep Blank	<0.01	<50	0.7	<1	<1	<3	38	<0.3	1	3	507	1.74	<2	<8	<2	3	43	<0.5	<3	<3
G1-SMI	Prep Blank	<0.01	<50	<0.5	<1	<1	<3	39	<0.3	1	3	502	1.71	<2	<8	<2	5	44	<0.5	<3	<3

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Project: CRONIN
 Report Date: November 02, 2012

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QUALITY CONTROL REPORT

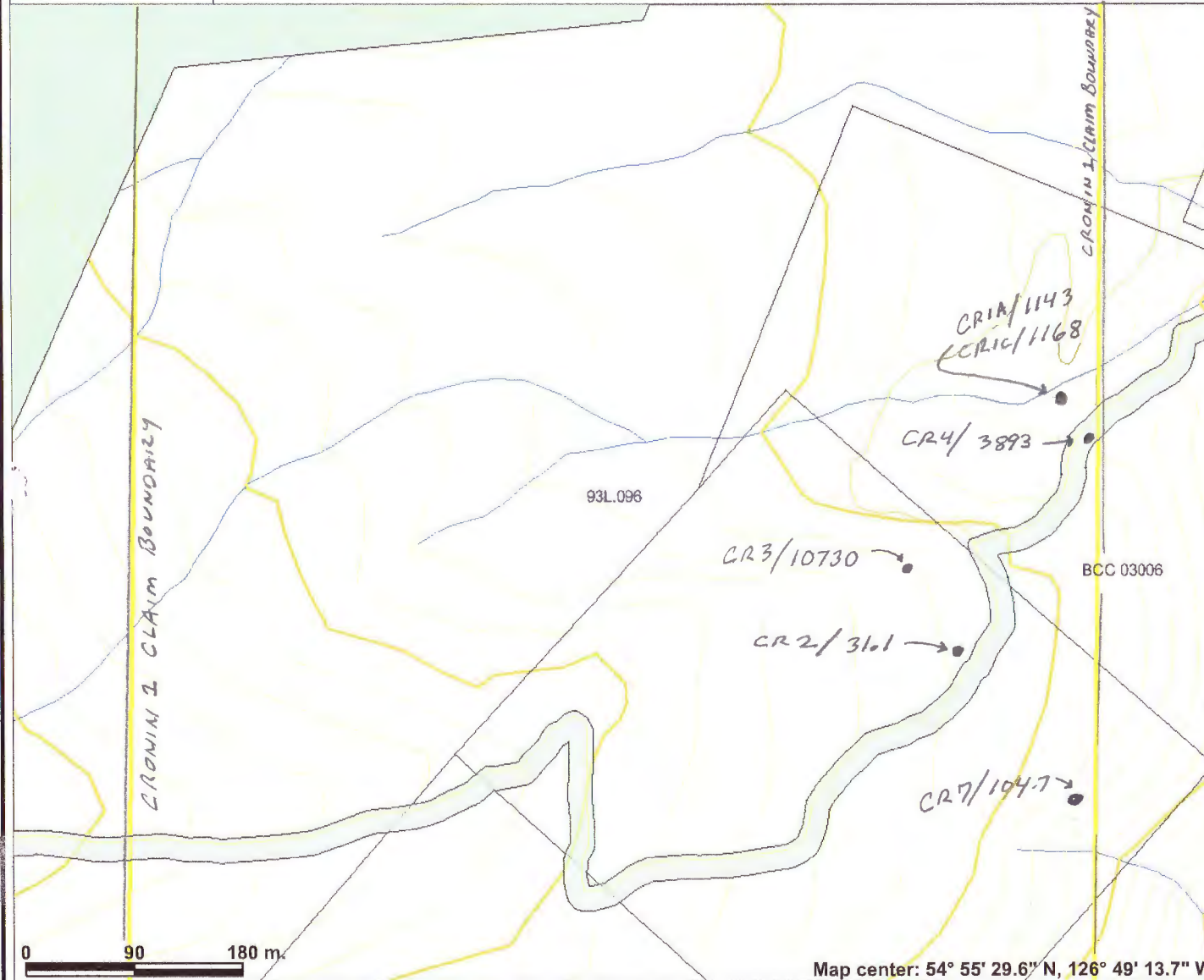
SMI12000383.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	
MDL	1	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	
Pulp Duplicates															
CR 3	Rock	2	<0.01	<0.001	<1	2	<0.01	6	<0.01	<20	0.04	<0.01	0.02	<2	15.87
REP CR 3	QC	1	<0.01	<0.001	<1	1	<0.01	5	<0.01	<20	0.04	<0.01	0.02	<2	15.75
Reference Materials															
STD AGPROOF	Standard														
STD AGPROOF	Standard														
STD CDN-GS-P2A	Standard														
STD CDN-GS-P2A	Standard														
STD DS9	Standard	39	0.58	0.081	10	116	0.58	308	0.09	<20	0.88	0.08	0.39	4	0.17
STD OREAS45CA	Standard	211	0.34	0.037	16	644	0.13	159	0.12	<20	3.27	0.01	0.07	<2	<0.05
STD OREAS45EA	Standard	290	0.03	0.027	7	754	0.09	149	0.08	<20	2.86	0.03	0.05	<2	<0.05
STD SP49	Standard														
STD SP49	Standard														
STD DS9 Expected		40	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		215	0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.021
STD OREAS45EA Expected		295	0.032	0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		0.044
STD SP49 Expected															
STD AGPROOF Expected															
STD CDN-GS-P2A Expected															
BLK	Blank														
BLK	Blank														
BLK	Blank	<1	0.01	<0.001	<1	<1	<0.01	2	<0.01	<20	<0.01	<0.01	<0.01	<2	<0.05
BLK	Blank														
BLK	Blank														
Prep Wash															
G1-SMI	Prep Blank	34	0.36	0.071	10	2	0.43	104	0.10	<20	0.74	0.07	0.38	<2	<0.05
G1-SMI	Prep Blank	34	0.39	0.072	10	2	0.40	114	0.10	<20	0.70	0.08	0.39	<2	<0.05

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GOLD VALUES IN PPB

-21-



Map center: 54° 55' 29.6" N, 126° 49' 13.7" W



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- Mineral Tenure (current)
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Integrated Cadastral Fabric
- 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



Scale: 1:5,000

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Notes:
● SAMPLE #/GOLD PPB



SILVER VALUES IN PPM



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- Mineral Tenure (current)
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Integrated Cadastral Fabric
- 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

Map center: 54° 55' 29.6" N, 126° 49' 13.7" W

Scale: 1:5,000

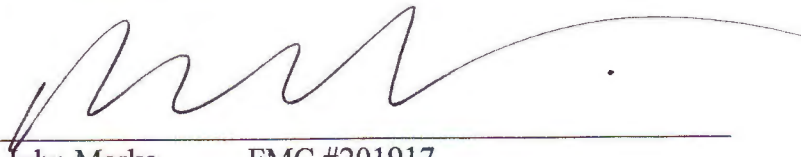
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Notes:
●SAMPLE#/SILVER PPM

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

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Detailed Cost Statement (Cronin 1 Claim)

Item	Details	Cost
1. Labour Costs	GPS Traversing & Sampling Work 8 man days @ \$275/day	\$2,200.00
2. Fuel	Fuel for pick-up truck	\$ 60.00
3. Lab Costs	12 Rock Sample Assays	<u>\$ 420.00</u>
	Total Cost	\$2,680.00