

LOG NO: <i>May 3/91</i> RD.
ACTION:
FILE NO:

1990 GEOCHEMICAL TESTING

ON THE

BONNIE GROUP

(Bonnie, Marwill No. 1 & 2, G and R 5-8, Dale 1-4,
Speculator and Mt. Glen, Mineral Claims)

SUB-RECORDER RECEIVED
APR 30 1991
M.R. # \$.....
VANCOUVER, B.C.

Omineca Mining Division

93 M/5E

55° 19' N 127° 38' W

North of Hazelton, B.C.)

Owner and Operator: Tri-Con Mining Ltd.

Writer: A.M. Homenuke, P. Eng. (Geol.)

Submitted: April 29, 1991

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,261

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I. INTRODUCTORY NOTES

Location and Access

The Bonnie Claim Group covers an area from the southern and western slopes of Mount Glen, adjoining the Silver Standard Mine, to the Skeena River on the West and is centered about 6 km. north-northeast of Hazelton, B.C. (Fig. 1). Access to the west side of the claims is provided by the recently relocated Salmon River Road which branches off the Hazelton-Kispiox Highway. The Silver Standard Mine Road passes through the center of the claim group, and old mining and logging roads provide local, in part 4-wheel drive, access.

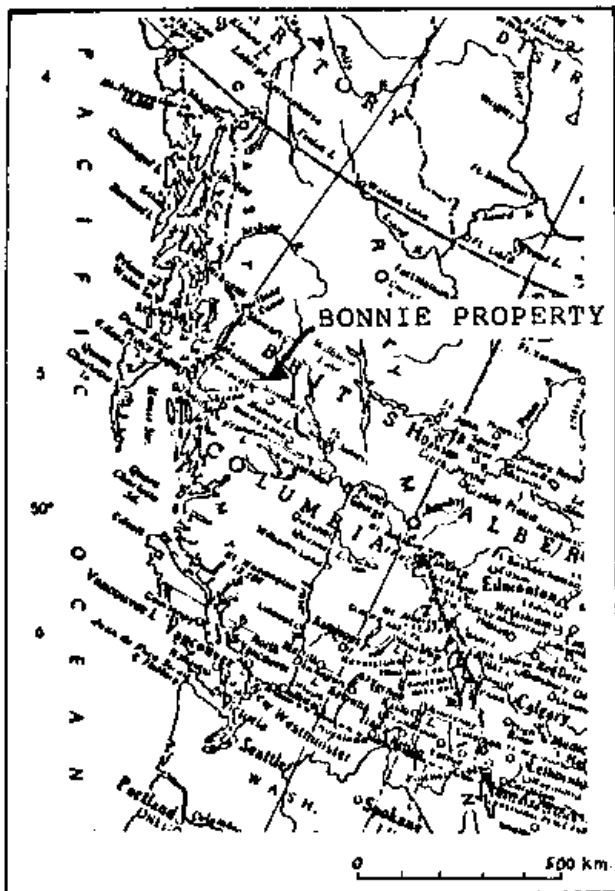
Physical Features

Mount Glen, elevation 645 metres, is located on the southeast portion of the claim group. The mountain has a relatively flat top about 700 metres wide, then drops steeply to Two Mile Creek on the east and the Silver Standard Mine Road on the west. The area between the Mine Road and the Skeena River on the west side of the claims is relatively flat in general aspect, but locally made up of abrupt ridges and gullies with swamps in many of the low areas. The river is at an elevation of 230 metres. Outcrops are scarce to non-existent except along the southern 500 metres of the claims and on the slopes of Mount Glen.

The area is covered by a mixed coniferous-deciduous forest, in part second growth after a fire at the turn of the century, except along the Skeena River where it is cleared for farming. Much of the area was selectively logged for cedar poles and there are marketable stands of cedar and spruce remaining. The deciduous growth consists of birch, poplar and alder and represents about 20% of the forest. Undergrowth is moderate and in general does not impede foot travel, however there are many small and few large swamps which inhibit access to some degree.

Property Description

The Bonnie Group consists of 13 reverted crown grants, which were formerly part of the Silver Standard Mine holdings, and one located claim. (Fig. 1). Table I below summarizes the claim data.



BONNIE PROPERTY
 Omineca Mining Division
 LOCATION & CLAIMS MAP

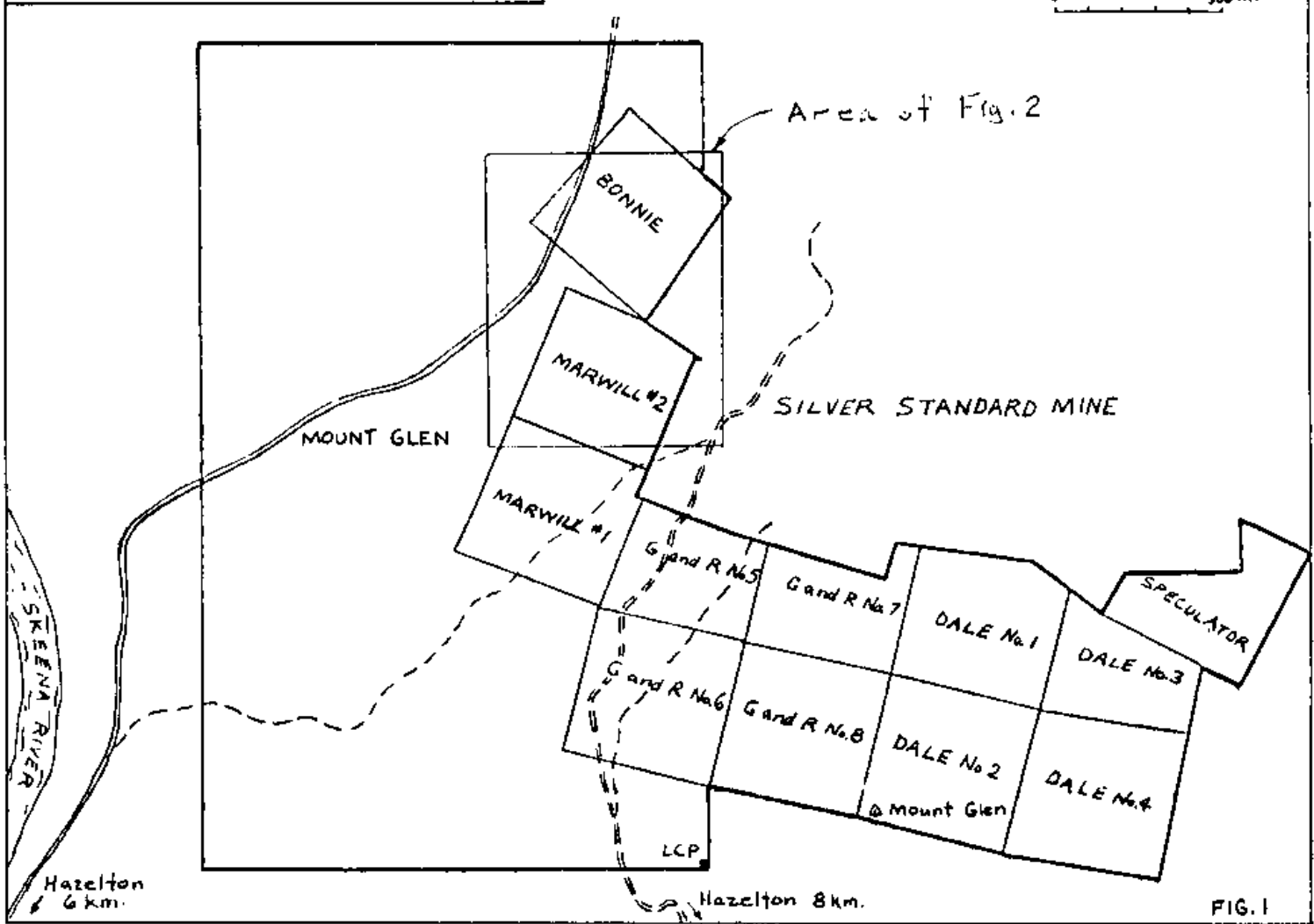
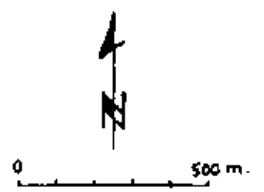


FIG. 1

TABLE I. BONNIE GROUP

Name	Lot No.	Record No.	Units	Year Acquired	Record Date
Bonnie	6454	305	1	1976	June 3
Marwill No. 1	6457	306	1	1976	June 3
Marwill No. 2	6456	307	1	1976	June 3
G & R No. 5	6458	2468	1	1980	Feb. 15
G & R No. 6	6459	2469	1	1980	Feb. 15
G & R No. 7	6460	2470	1	1980	Feb. 15
G & R No. 8	6461	2471	1	1980	Feb. 15
Dale No. 1	6462	2472	1	1980	Feb. 15
Dale No. 2	6463	2473	1	1980	Feb. 15
Dale No. 3	6464	2474	1	1980	Feb. 15
Dale No. 4	6465	2475	1	1980	Feb. 15
Speculator	2412	2476	1	1980	Feb. 15
Mt. Glen (reduced)		2490	1	1980	Feb. 25

Owner and Operator is Tri-Con Mining Ltd., of Vancouver, B.C.

History

The adjoining Silver Standard Mine has been in operation since 1910, with major production during the period 1918 - 1922 and 1948 - 1958. It is presently being operated by lessee, shipping a few railcar loads of ore per year.

Total production was about 200,000 tons yielding over 7.5 million ounces of silver plus gold, lead, zinc, copper, and cadmium.

The Bonnie Group consists partially of reverted Crown-granted mineral claims which were once part of the Silver Standard Mine holdings. Old cat trenches and cut lines are present, but no records of work are available. A quartz vein with minor sulfides has been exposed on the southwest part of the claim group (National Ex Area). This was explored around 1950 by National Exploration Ltd. Tri-Con did limited work on this area in 1978 and 1980 and a more extensive exploration program in 1981.

On the Bonnie - Marwill Area, immediately west of the Silver Standard Mine, Tri-Con has been exploring for a parallel continuation of the sequence of veins at the mine. VLF-EM surveying has been the primary tool; followed by backhoe trenching and diamond drilling.

The claim group was expanded to the north in 1983 to cover an intrusive on the south side of the Shegunia River and some small sulfide bearing quartz veins on the north side of the river. This area was explored by geochemical and VLF-EM surveys and allowed to lapse due to disappointing results. During 1983-1987, geochemical and VLF-EM surveys were continued on the present claim area. In 1989 and 1990, a magnetic survey was conducted over a portion of the claims.

Economic Assessment

The historic production of the Silver Standard Mine at present metal prices, would be over 100 million dollars. The westerly limit of the known veins is also the point at which glacial overburden becomes substantially deeper.

None of the old Silver Standard cat trenches in this area reached bedrock. Previous VLF-EM surveying indicated possible vein structures. Recent drilling of such EM targets showed the presence of two veins, one of which, though narrow where intersected, was identical to the production veins on the adjoining mine. The results of this drilling greatly enhance the geologic potential of at least this part of the Bonnie property.

Present Work and Distribution

A hand auger was used to take 26 soil profiles at locations on the Bonnie and Marwill #2 claims. Sampling of multiple horizons and depths resulted in a total of 81 samples.

II. GEOCHEMICAL PROFILING

Purpose and Procedure

Previous geochemical surveys sampled the "Ah" horizon in an attempt to use the trees to "see through" glacial till cover. This sampling medium appears to have been useful over areas with a till depth up to about 2 meters.

Electromagnetic surveying and diamond drilling on the Bonnie and Marwill #2 claims have shown the presence of veins and vein targets under five plus meters of glacial till. Several of the vein-targets have associated weak geochemical highs. Due to the overburden depth and potential contamination from mining activities, it was decided to test some of the deeper horizons to determine if such sampling would better define drilling targets.

A mattock was used to prepare the site and sample the "Ah" horizon. The "B" and "C" horizons were sampled with an Oakfield soil auger. At each site several attempts over a 5-meter area were made to achieve the greatest depth penetration possible.

Samples were placed in kraft envelopes and delivered to Chemex Labs in North Vancouver. Humus samples (Ah horizon) were dried, pulverized and subjected a nitric-aqua-regia digestion. They were then analyzed by ICP for silver, cobalt, copper, iron, manganese, molybdenum, nickel, lead and zinc. The "B" and "C" horizon samples were dried, sieved at -80 mesh and two subsamples were digested separately. One portion was subjected to the aqua-regia digestion, then analyzed by Atomic Absorption for silver, copper, iron, mercury (cold vapour AA), lead, arsenic (hydride-AA), antimony (HCl/KClO₃ extr.) and zinc. The other portion was subjected to a cold 0.1 molar hydrochloric acid digestion for one hour and analyzed by ICP for silver, cobalt, copper, iron, manganese, molybdenum, nickel, lead and zinc. Only certain elements were of interest in the survey; the others were part of an analytical package deal.

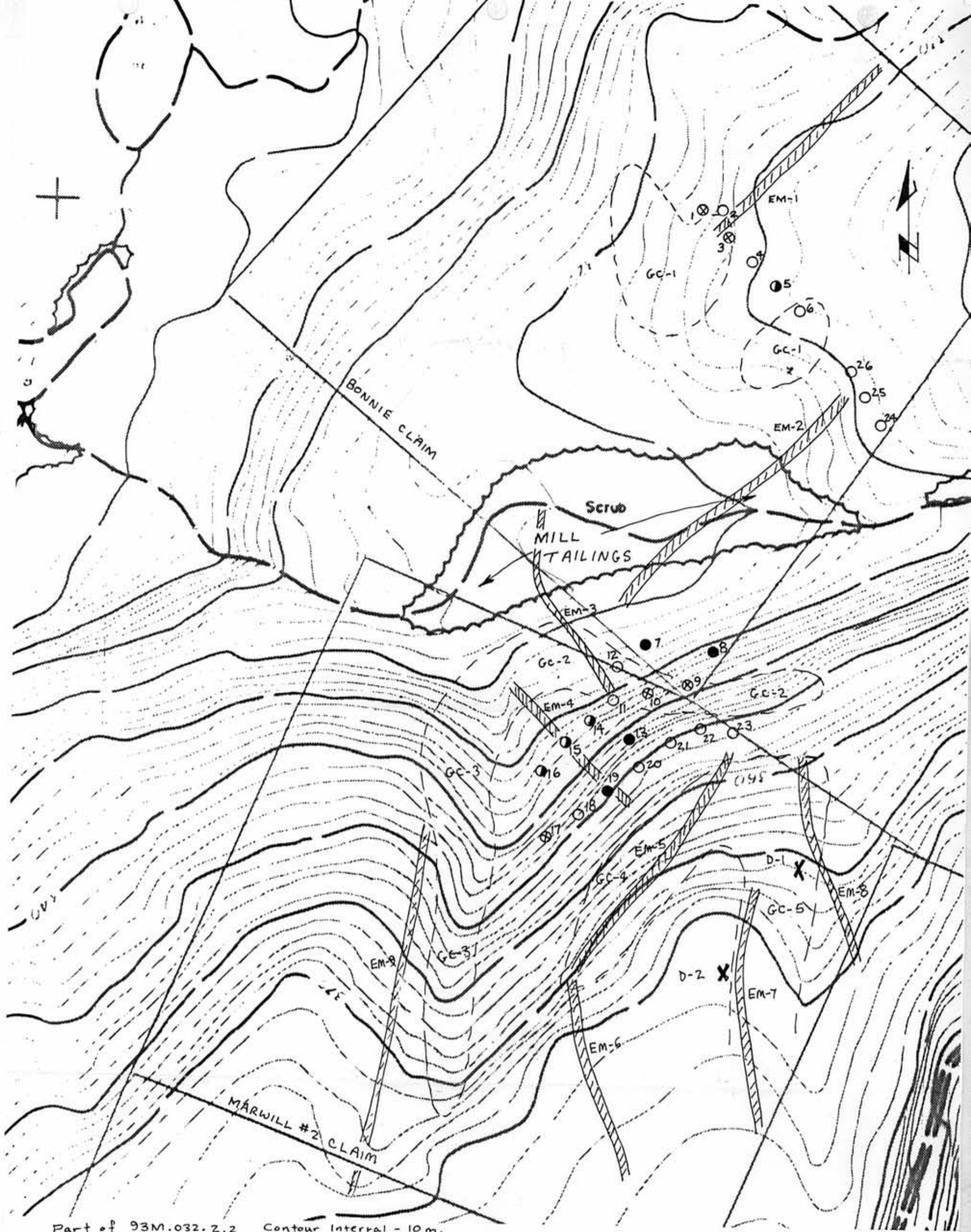
The elements selected for discussion are shown on Table II; the sample locations are shown on Fig. 2 and the total results are included in the Appendix.

Discussion of Results

The bedrock in the sampled areas is covered by in excess of 5 metres of basal till. Previous backhoe trenching showed the presence of a highly compacted clay layer near bedrock. It is unlikely that there is any significant upward ion mobility through this layer. The basic purpose of the auger sampling program was to test the hypotheses that there should be lateral ion mobility resulting in seepage anomalies downslope from a mineralized source. A cold extractable digestion was included in the analysis to discriminate between hydromorphic anomalies and mechanically transported anomalies from the Silver Standard Mine veins which are "up-ice" from the survey area.

The location of the profiles are shown on Fig. 2 together with the "best" VLF-EM anomalies and composite geochemical highs from previous surveys. The following notes are related to the VLF-EM conductors in order of priority from highest to lowest.

1. EM-2: This conductor is most like conductors over the Silver Standard veins, is parallel to them and is in line with their occurrence trend. Unfortunately it is overlain by mill tailings. Profiles 24, 25 and 26 were taken at the northeast end of EM-2, hopefully far enough away from the tailings to avoid contamination. Profile 24 showed high total zinc in the Ah and B horizons and high cold extractable (cEx) zinc in the B and C horizons. Profile 25 showed high mercury and moderately elevated arsenic, antimony and cEx copper. Taken together these results are suggestive of a mineralized structure.



Part of 93M.032.2.2 Contour Interval - 10m.

0 50 100 150 meters

- (GC-2) Geochemical High
- EM-5 VLF-EM Conductor
- D-1 X Diamond drill intercept
- Soil Profile Location
- Strong
- ⊙ Moderate
- ⊗ Weak
- Background

BONNIE PROPERTY
 COMPILATION MAP
 showing
 SOIL PROFILE LOCATIONS

Prepared by: A.M. Homenuke, P.Eng FIG. 2
 TRI-CON Mining Ltd.

TABLE II. SELECTED SOIL PROFILE ANALYSES

SAMPLE NO.	HORIZON	DEPTH (cm)	ANALYSIS (ppm)								
			Cu	Pb	Zn	weak acid			As	Hg (ppb)	
90-5-1	#1	Ah	0-5	8	14	108	-	-	-	-	-
	#2	B	5-25	16	8	86	-1	4	2	9	30
	#3	C	25-60	26	5	56	1	-2	-2	9	20
	#4	C	60-75	37	6	72	3	-2	4	16	60
90-5-2	#1	C	90-120	32	6	64	-1	6	2	15	40
	#2	C	120-160	35	10	66	-1	4	2	16	40
90-5-3	#1	Ah	0-10	9	10	84	-	-	-	-	-
	#2	B	10-25	24	7	130	-1	10	-2	9	50
	#3	C	35-75	26	2	64	2	-2	2	10	20
90-5-4	#1	Ah	0-10	15	14	98	-	-	-	-	-
	#2	C	17-35	25	10	58	-1	4	-2	9	30
	#3	C	35-90	27	5	62	1	-2	4	7	20
90-5-5	#1	Ah	0-7	10	8	106	-	-	-	-	-
	#2	B	7-30	16	9	220	-1	6	10	11	40
	#3	C	35-75	24	7	64	1	-2	-2	10	20
90-5-6	#1	Ah	0-5	8	12	96	-	-	-	-	-
	#2	B	5-35	12	12	124	-1	6	-2	9	30
	#3	C	40-75	23	5	86	1	-2	-2	11	20
90-5-7	#1	Ah	0-10	11	8	134	-	-	-	-	-
	#2	B	10-30	18	12	152	-1	4	6	9	30
	#3	C	105-115	50	8	104	4	-2	14	15	50
90-5-8	#1	Ah	0-10	7	12	144	-	-	-	-	-
	#2	B/C	10-40	18	12	230	-1	4	2	36	40
	#3	C	50-75	46	12	110	7	-2	8	69	40
90-5-9	#1	Ah	0-10	15	16	136	-	-	-	-	-
	#2	B	10-25	17	8	100	-1	4	2	7	30
	#3	C	33-60	20	5	116	1	-2	2	22	20
90-5-10	#1	Ah	0-10	17	6	114	-	-	-	-	-
	#2	B	10-30	18	8	136	1	-2	8	10	50
	#3	C	110-120	30	8	90	1	-2	2	19	30
90-5-11	#1	Ah	0-10	11	12	132	-	-	-	-	-
	#2	B	10-25	18	10	116	2	-2	4	5	30
	#3	C	50-75	20	6	130	2	-2	2	11	20
90-5-12	#1	Ah	0-7	7	12	160	-	-	-	-	-
	#2	B	7-30	12	11	148	-1	-2	4	5	20
	#3	C	40-60	27	10	100	-1	2	2	16	20

SAMPLE NO.	HORIZON	DEPTH (cm)	ANALYSIS (ppm)								
			Cu	Pb	Zn	weak acid			As	Hg	
90-5-13	#1	Ah	0-10	18	14	360	-	-	-	-	-
	#2	B/C	10-25	20	12	200	3	-2	20	7	30
	#3	C	50-75	30	8	100	5	-2	2	11	30
90-5-14	#1	Ah	0-15	13	16	268	-	-	-	-	-
	#2	B/C	15-30	18	10	180	1	-2	42	5	30
	#3	C	40-75	22	6	92	1	4	-2	10	30
	#4	C	75-100	26	4	82	1	2	-2	9	30
90-5-15	#1	Ah	0-10	14	10	286	-	-	-	-	-
	#2	B/C	10-25	18	8	166	1	-2	16	5	20
	#3	C	35-75	27	4	82	1	-2	-2	7	30
	#4	C	75-95	28	10	75	1	-2	-2	7	30
90-5-16	#1	Ah	0-10	14	8	160	-	-	-	-	-
	#2	B/C	10-25	16	10	142	1	-2	18	5	20
	#3	C	60-90	25	5	160	1	-2	2	7	30
90-5-17	#1	Ah	0-5	14	18	196	-	-	-	-	-
	#2	B/C	5-20	18	10	95	3	-2	6	7	20
	#3	C	30-50	32	6	80	4	-2	4	10	40
90-5-18	#1	Ah	0-7	9	16	122	-	-	-	-	-
	#2	B/C	7-25	12	10	100	2	-2	4	3	30
	#3	C	32-75	26	8	74	2	-2	2	6	30
90-5-19	#1	Ah	0-7	18	22	300	-	-	-	-	-
	#2	B/C	7-25	25	12	78	1	-2	2	6	2
	#3	C	32-75	29	6	80	2	-2	2	6	30
	#4	C	75-90	33	10	72	2	-2	2	9	40
90-5-20	#1	Ah	0-10	7	18	208	-	-	-	-	-
	#2	B	10-25	14	5	98	-1	-2	2	6	30
	#3	C	32-65	30	8	66	-1	-2	-2	7	30
90-5-21	#1	Ah	0-10	8	12	186	-	-	-	-	-
	#2	B/C	10-30	14	6	104	-1	2	-2	3	30
	#3	C	37-75	26	5	70	1	4	-2	10	20
90-5-22	#1	Ah	0-10	7	8	122	-	-	-	-	-
	#2	B	10-30	12	4	120	-1	-2	-2	4	10
	#3	C	30-60	22	4	85	-1	6	-2	10	20
90-5-23	#1	Ah	0-10	6	16	94	-	-	-	-	-
	#2	B/C	10-30	12	4	110	1	2	2	6	10
	#3	C	135-150	35	10	68	1	2	2	14	30

SAMPLE NO.	HORIZON	DEPTH (cm)	ANALYSIS (ppm)								
			Cu	Pb	Zn	weak acid		Zn	As	Hg	
90-5-24	#1	Ah	0-10	9	14	354	-	-	-	-	-
	#2	B	10-30	18	10	240	1	2	6	9	20
	#3	C	30-60	28	10	134	3	-2	6	11	30
90-5-25	#1	Ah	0-10	11	14	78	-	-	-	-	-
	#2	B	10-25	28	8	110	5	4	2	17	50
	#3	C	30-80	25	14	84	2	-2	-2	16	70
90-5-26	#1	Ah	0-10	7	10	86	-	-	-	-	-
	#2	B	10-30	14	6	92	-1	-2	-2	7	20
	#3	C	30-60	28	7	84	-1	2	-2	12	30

2. EM-5: While this conductor is coincident with composite geochemical anomaly GC-4, it is unlikely to be the source of it. GC-2 may be partially related to EM-5. Profiles 13, 14, 15 and 19 show anomalous zinc in the Ah horizons, 13-17 are anomalous in cEx zinc in the B horizon, 13 and 17 show highs in cEx copper in the C horizon, and 14, 17, 18 and 19 are high in lead in the Ah horizon. These profiles are in a cluster 50 to 100 meters downslope from EM-5 and the results are strongly indicative of mineralization along at least part of the conductor. EM-4 is coincident with this group of profiles, however any soil anomaly from it should be further downslope.

Supporting the premise that EM-5 represents a mineralized vein are the results from profiles 7, 8, 9 and 10. The C horizon in 8, 9 and 10 is anomalous in arsenic, 7 and 10 show elevated mercury values, 7, 8 and 10 have anomalous cEx zinc values and 7 and 8 have high copper values in the C horizon. These results are in the absence of any anomalous indications from previous surveys, although GC-2 occurs slightly upslope and may be partially from the same source. The northeast portion of EM-5 is a prime target for further exploration.

3. EM-6,7,8: These conductors parallel to cross-vein trend at the Silver Standard Mine. Veins have been found or indicated by drilling at locations D-1 and D-2 on Fig. 2. The strikes have not been determined, however proximity to EM-7 and EM-8 suggests a relationship. GC-5 likely reflects these veins. Lack of geochemical response in profiles 21, 22 and 23 suggests that EM-7 is the better target to pursue. EM-6 requires more work.

4. EM-1: Profiles 1-6 in the area of this conductor and GC-1, while not totally geochemically negative, are weak enough to downgrade this target. Profile 5 showed high zinc in the B horizon, but this is only one sample and requires backup from further testing.

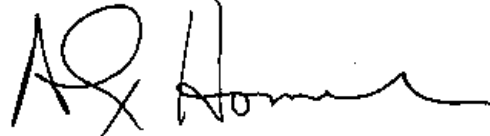
5. EM-9, EM-4, EM-3: These conductors were not investigated during this survey, except as noted above (2.re: EM-4).

III.

CONCLUSIONS & RECOMMENDATIONS

1. The test profiles showed that this method can apparently assist in target definition on glacial till covered hillsides on the Bonnie Property.
2. EM-2 and EM-5 are the best drill targets.
3. Further profiling could aid in defining targets on other EM conductors.

Respectfully submitted,
TRI-CON MINING LTD.

A handwritten signature in black ink, appearing to read 'A.M. Homenuke', written in a cursive style.

A.M. Homenuke, P. Eng.
Senior Vice-President

COST STATEMENT

A.M. Homenuke, P. Eng., Dec. 10 - 15, 1990	
4 1/2 days field and travel	
2 days maps and reports	
6 1/2 days @ \$400/ day	2,600.00
Airfare, Vancouver - Smithers return	570.00
Analysis 25 Ah samples, pulv., 9 elements	
\$7.50/sample + GST	
56 samples, 2 digestions, 9 elements	
and 8 elements - \$21/sample + GST	1,460.00
Vehicle 4 days @ \$75/day	300.00
Gas	80.00
Room & Board 4 days @ \$50/day	200.00
Misc. supplies, secretarial, copying	<u>100.00</u>
	\$5,310.00 *

* Higher than recorded due to GST on analysis and more time than anticipated on report.

REFERENCES


- Black, J.M. 1950, Glen and Nine Mile Mountains area, B.C., B.C. Mine of Mines Ann. Rept.
- Homenuke, A.M., 1978 - 1990, Various assessment reports.
- Kindle, E.D., 1954, Hazelton and Smithers Area, G.S.C. Mem. 223
- Richards, T.A., 1980, G.S.C. Open File Map No. 720

CERTIFICATE OF QUALIFICATION

I, Alexander M. Homenuke, do hereby certify:

1. THAT I am a member in good standing of the Association of Professional Engineers of British Columbia.
2. THAT I received the Degree of Bachelor of Science in Geological Engineering from the Colorado School of Mines in 1974.
3. THAT I received a Diploma of Technology in Mining from the B.c. Institute of Technology in 1969.
4. THAT I have been employed in various aspects of mining exploration for 22 years and am presently employed by Tri-Con Mining Ltd., of Suite 2580, 1066 West Hastings Street, Vancouver, British Columbia.
5. THAT I presently reside at 29825 Harris Road, Mt. Lehman, British Columbia.
6. THAT this Report is based on work supervised or conducted by myself.

DATED at Vancouver, British Columbia, this 29th day of April 1991.



A.M. Homenuke, P. Eng.
Geological Engineer

APPENDIX
LAB REPORTS



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: TRI-CON MINING LTD.
 BOX 12542
 2580 - 1066 W. HASTINGS ST.
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Page Number : 1
 Total Pages : 1
 Certificate Date: 25-FEB-91
 Invoice No. : 19111376
 P.O. Number : NONE

Project : BON
 Comments : ATTN: AL HOMENUKE

CERTIFICATE OF ANALYSIS A9111376

SAMPLE DESCRIPTION	PREP CODE		Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
90-S-1 #1	217	238	< 0.5	2	8	0.22	2340	1	8	14	108
90-S-3 #1	217	238	< 0.5	2	9	0.30	2620	2	5	10	84
90-S-4 #1	217	238	< 0.5	9	15	2.70	1995	1	12	14	98
90-S-5 #1	217	238	< 0.5	3	10	1.23	545	1	6	8	106
90-S-6 #1	217	238	< 0.5	4	8	1.56	3580	1	9	12	96
90-S-7 #1	217	238	< 0.5	4	11	1.64	2830	1	9	8	134
90-S-8 #1	217	238	< 0.5	1	7	0.27	1715	3	5	12	144
90-S-9 #1	217	238	1.0	3	15	0.74	1450	4	10	16	136
90-S-10A #1	217	238	< 0.5	8	17	3.07	1250	< 1	18	6	114
90-S-11 #1	217	238	< 0.5	2	11	0.46	4480	2	6	12	132
90-S-12 #1	217	238	< 0.5	3	7	0.47	3070	2	4	12	160
90-S-13 #1	217	238	< 0.5	10	18	2.08	5830	3	15	14	360
90-S-14 #1	217	238	< 0.5	6	13	1.11	3210	4	10	16	268
90-S-15 #1	217	238	< 0.5	9	14	2.34	3020	2	14	10	286
90-S-16 #1	217	238	0.5	6	14	2.11	890	< 1	12	8	160
90-S-17 #1	217	238	< 0.5	6	14	1.35	2260	3	13	18	196
90-S-18 #1	217	238	< 0.5	4	9	1.29	1465	2	9	16	122
90-S-19 #1	217	238	< 0.5	9	18	1.27	7370	3	12	22	300
90-S-20 #1	217	238	< 0.5	2	7	0.20	1515	2	4	18	208
90-S-21 #1	217	238	< 0.5	2	8	0.11	1045	1	4	12	186
90-S-22 #1	217	238	< 0.5	2	7	0.28	1750	2	5	8	122
90-S-23 #1	217	238	< 0.5	2	6	0.65	1875	1	5	16	94
90-S-24 #1	217	238	< 0.5	9	9	2.45	3620	1	11	14	354
90-S-25 #1	217	238	< 0.5	1	11	0.27	635	1	5	14	78
90-S-26 #1	217	238	< 0.5	3	7	0.76	2700	2	8	10	86

CERTIFICATION:

P. C. [Signature]



Chemex Labs Ltd.

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 Certificate Date: 28-FEB-91
 Invoice No. : 19111375
 P.O. Number : NONE

Project : BON
 Comments : ATTN: AL HOMENUKE

CERTIFICATE OF ANALYSIS A9111375

SAMPLE DESCRIPTION	PREP CODE	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Cu ppm	Fe %	Hg ppb	Pb ppm	Sb ppm	Zn ppm
90-S-2 #1	201 238	< 0.5	< 1	< 1	0.04	100	1	14	6	2	< 0.2	15	32	3.40	40	6	1.0	64
90-S-1 #2	201 238	< 0.5	< 1	< 1	0.08	45	< 1	21	4	2	0.3	9	16	3.30	30	8	0.4	86
90-S-2 #2	201 238	< 0.5	< 1	< 1	0.07	75	< 1	8	4	2	0.2	16	35	3.70	40	10	1.0	66
90-S-3 #2	201 238	< 0.5	< 1	< 1	0.05	345	< 1	3	10	< 2	0.4	9	24	3.45	50	7	0.4	130
90-S-4 #2	201 238	< 0.5	< 1	< 1	0.05	60	< 1	6	4	< 2	< 0.2	9	25	3.00	30	10	0.4	58
90-S-5 #2	201 238	< 0.5	< 1	< 1	0.17	90	< 1	7	6	10	0.3	11	16	4.25	40	9	0.4	220
90-S-6 #2	201 238	< 0.5	< 1	< 1	0.05	15	< 1	2	6	< 2	0.2	9	12	3.35	30	12	0.2	124
90-S-7 #2	201 238	< 0.5	< 1	< 1	0.10	125	< 1	< 1	4	6	< 0.2	9	18	3.65	30	12	0.4	152
90-S-8 #2	201 238	< 0.5	< 1	< 1	0.15	55	< 1	1	4	2	0.4	16	18	3.50	40	12	0.4	230
90-S-9A #2	201 238	< 0.5	< 1	< 1	0.12	170	< 1	< 1	4	2	0.2	7	17	2.80	30	8	0.4	100
90-S-10 #2	201 238	< 0.5	< 1	1	0.14	145	< 1	< 1	< 2	8	0.4	10	18	3.25	50	8	0.4	136
90-S-11 #2	201 238	< 0.5	< 1	2	0.09	160	< 1	2	< 2	4	0.4	5	18	2.90	30	10	0.4	116
90-S-12 #2	201 238	< 0.5	< 1	< 1	0.08	65	< 1	5	< 2	4	< 0.2	5	12	3.10	20	11	0.4	148
90-S-13 #2	201 238	< 0.5	< 1	3	0.13	305	< 1	< 1	< 2	20	0.3	7	20	2.90	30	12	0.4	200
90-S-14 #2	201 238	< 0.5	< 1	1	0.14	275	< 1	< 1	< 2	42	< 0.2	5	18	3.10	30	10	0.4	180
90-S-15 #2	201 238	< 0.5	< 1	1	0.10	265	< 1	< 1	< 2	16	0.3	5	18	3.20	20	8	0.4	166
90-S-16 #2	201 238	< 0.5	< 1	1	0.16	215	< 1	< 1	< 2	18	0.2	5	16	2.90	20	10	0.4	142
90-S-17 #2	201 238	< 0.5	< 1	3	0.10	195	1	< 1	< 2	6	0.2	7	18	3.00	20	10	0.4	95
90-S-18 #2	201 238	< 0.5	3	2	0.20	225	< 1	1	< 2	4	< 0.2	3	12	2.80	30	10	0.4	100
90-S-19 #2	201 238	< 0.5	< 1	1	0.06	130	< 1	< 1	< 2	2	< 0.2	6	25	2.20	20	12	0.8	78
90-S-20 #2	201 238	< 0.5	< 1	< 1	0.10	110	< 1	1	< 2	2	< 0.2	6	14	2.60	30	5	0.4	98
90-S-21 #2	201 238	< 0.5	1	< 1	0.08	90	< 1	2	2	< 2	< 0.2	3	14	2.50	30	6	0.2	104
90-S-22 #2	201 238	< 0.5	1	< 1	0.15	55	< 1	3	< 2	2	< 0.2	4	12	2.50	10	4	0.2	120
90-S-23 #2	201 238	< 0.5	1	1	0.14	70	< 1	1	2	2	< 0.2	6	12	2.80	10	4	0.4	110
90-S-24 #2	201 238	< 0.5	1	1	0.15	220	< 1	4	2	6	< 0.2	9	18	4.60	20	10	0.6	240
90-S-25 #2	201 238	< 0.5	1	5	0.06	475	< 1	3	4	2	0.2	17	28	4.45	50	8	1.0	110
90-S-26 #2	201 238	< 0.5	1	< 1	0.07	35	< 1	7	< 2	< 2	0.2	7	14	3.20	20	6	0.4	92
90-S-1 #3	201 238	< 0.5	1	1	0.07	60	< 1	18	< 2	< 2	< 0.2	9	26	3.00	20	5	0.8	56
90-S-3 #3	201 238	< 0.5	< 1	2	0.05	75	1	8	< 2	2	< 0.2	10	26	3.15	20	2	0.6	64
90-S-4 #3	201 238	< 0.5	< 1	1	0.08	75	1	9	< 2	4	0.2	7	27	3.15	20	5	0.8	62
90-S-5 #3	201 238	< 0.5	< 1	1	0.07	65	1	14	< 2	< 2	< 0.2	10	24	3.25	20	7	0.4	64
90-S-6 #3	201 238	< 0.5	< 1	1	0.05	45	2	10	< 2	< 2	< 0.2	11	23	3.45	20	5	0.8	86
90-S-7 #3	201 238	< 0.5	1	4	0.19	235	< 1	12	< 2	14	< 0.2	15	50	4.30	50	8	1.0	104
90-S-8 #3	201 238	< 0.5	< 1	7	0.11	45	2	9	< 2	8	< 0.2	69	46	4.00	40	12	0.8	110
90-S-9 #3	201 238	< 0.5	< 1	1	0.10	50	1	7	< 2	2	< 0.2	22	20	3.20	20	5	0.6	116
90-S-10 #3	201 238	< 0.5	< 1	1	0.05	70	1	7	< 2	2	< 0.2	19	30	4.00	30	8	1.0	90
90-S-11 #3	201 238	< 0.5	< 1	2	0.06	80	1	7	< 2	2	< 0.2	11	20	3.10	20	6	0.6	130
90-S-12 #3	201 238	< 0.5	2	< 1	0.06	80	1	16	2	2	< 0.2	16	27	4.20	20	10	1.0	100
90-S-13 #3	201 238	< 0.5	< 1	5	0.06	85	< 1	18	< 2	2	< 0.2	11	30	3.40	30	8	0.8	100
90-S-14 #3	201 238	< 0.5	< 1	1	0.07	50	< 1	8	4	< 2	< 0.2	10	22	3.30	30	6	0.6	92

CERTIFICATION

B. Coughlin



Chemex Labs Ltd.

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 VANCOUVER, B.C.
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SAMPLE DESCRIPTION	PREP CODE	Ag	Co	Cu	Fe	Mn	Mo	Ni	Pb	Zn	Ag	As	Cu	Fe	Hg	Pb	Sb	Zn
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	Aqua R	ppm	ppm	%	ppb	ppm	ppm
90-S-15 #3	201 238	< 0.5	< 1	1	0.06	60	< 1	9	< 2	< 2	< 0.2	7	27	3.50	30	4	1.0	82
90-S-16 #3	201 238	< 0.5	< 1	1	0.07	55	< 1	8	< 2	2	< 0.2	7	25	3.25	30	5	0.6	160
90-S-17 #3	201 238	< 0.5	< 1	4	0.09	95	< 1	14	< 2	4	< 0.2	10	32	3.40	40	6	0.8	80
90-S-18 #3	201 238	< 0.5	< 1	2	0.07	70	< 1	10	< 2	2	< 0.2	6	26	3.20	30	8	0.8	74
90-S-19 #3	201 238	< 0.5	< 1	2	0.06	90	< 1	10	< 2	2	< 0.2	6	29	3.30	30	6	1.0	80
90-S-20 #3	201 238	< 0.5	< 1	< 1	0.06	45	< 1	8	< 2	< 2	< 0.2	7	30	3.20	20	8	1.0	66
90-S-21 #3	201 238	< 0.5	< 1	1	0.03	50	< 1	2	4	< 2	< 0.2	10	26	3.15	20	5	0.8	70
90-S-22 #3	201 238	< 0.5	< 1	< 1	0.06	50	< 1	2	6	< 2	< 0.2	10	22	3.15	20	4	0.6	85
90-S-23 #3	201 238	< 0.5	< 1	1	0.05	35	< 1	8	2	2	< 0.2	14	35	3.60	30	10	1.0	60
90-S-24 #3	201 238	< 0.5	< 1	3	0.08	235	< 1	11	< 2	6	< 0.2	11	28	4.00	30	10	0.8	134
90-S-25 #3	201 238	< 0.5	1	2	0.06	340	< 1	28	< 2	< 2	< 0.2	16	25	4.20	70	14	1.0	84
90-S-26 #3	201 238	< 0.5	1	< 1	0.04	75	< 1	13	2	< 2	< 0.2	12	28	3.90	30	7	0.6	84
90-S-1 #4	201 238	< 0.5	< 1	3	0.10	70	< 1	25	< 2	4	< 0.2	16	37	3.80	60	6	1.2	72
90-S-14 #4	201 238	< 0.5	< 1	1	0.05	45	< 1	4	2	< 2	< 0.2	9	26	3.50	30	4	0.8	82
90-S-15 #4	201 238	< 0.5	< 1	1	0.05	80	< 1	12	< 2	< 2	< 0.2	7	28	3.40	30	10	0.8	75
90-S-19 #4	201 238	< 0.5	< 1	2	0.06	105	< 1	9	< 2	2	< 0.2	9	33	3.25	40	10	1.2	72

CERTIFICATION:

B. Coughlin