LOG NO: 10-01	RD.
ACTION:	
FILE NO:	

GEOCHEMICAL AND GEOPHYSICAL REPORT

on the

Rag 15-20, 30-40, 71-78,
83, 85, 89, Rag "B" Fr,
Rag "C" Fr, GS, GS 2,
Happy Days 5, 9
MINERAL CLAIMS

KAMLOOPS MINING DIVISION
NTS 92I/10E

Latitude: 50° 39' N Longitude 120° 41' W

for

TECK CORPORATION
1199 West Hastings Street
Vancouver, BC
V6E 2K5

Report By

Lorne A. Bond
Louis H. C. Tsang

Kamloops, BC September 10, 1990

TABLE OF CONTENTS

LIST OF FIGURES

1. Introduction

The GS-Rag-Happy Days property is located on the west side of Greenstone Mountain some 27 kilometres southwest of Kamloops. Access is from the Trans-Canada Highway west of Kamloops at Cherry Creek, then along good gravel roads to the Dominic Lake area (Fig 1.).

The claims are located at elevations between 1 350 and 1 650 meters. Upland pine forests cover an area of moderate relief containing a number of small lakes. Glacially derived overburden reaches depths of 30 m but some outcrop is present. Ice direction was from the northwest. Extensive clear-cut logging has made large areas of the property quite accessible.

A program consisting of line cutting, geochemical soil sampling, magnetometer survey, and VLF-EM surveys was carried out on the property from May 2 to June 26, 1990.

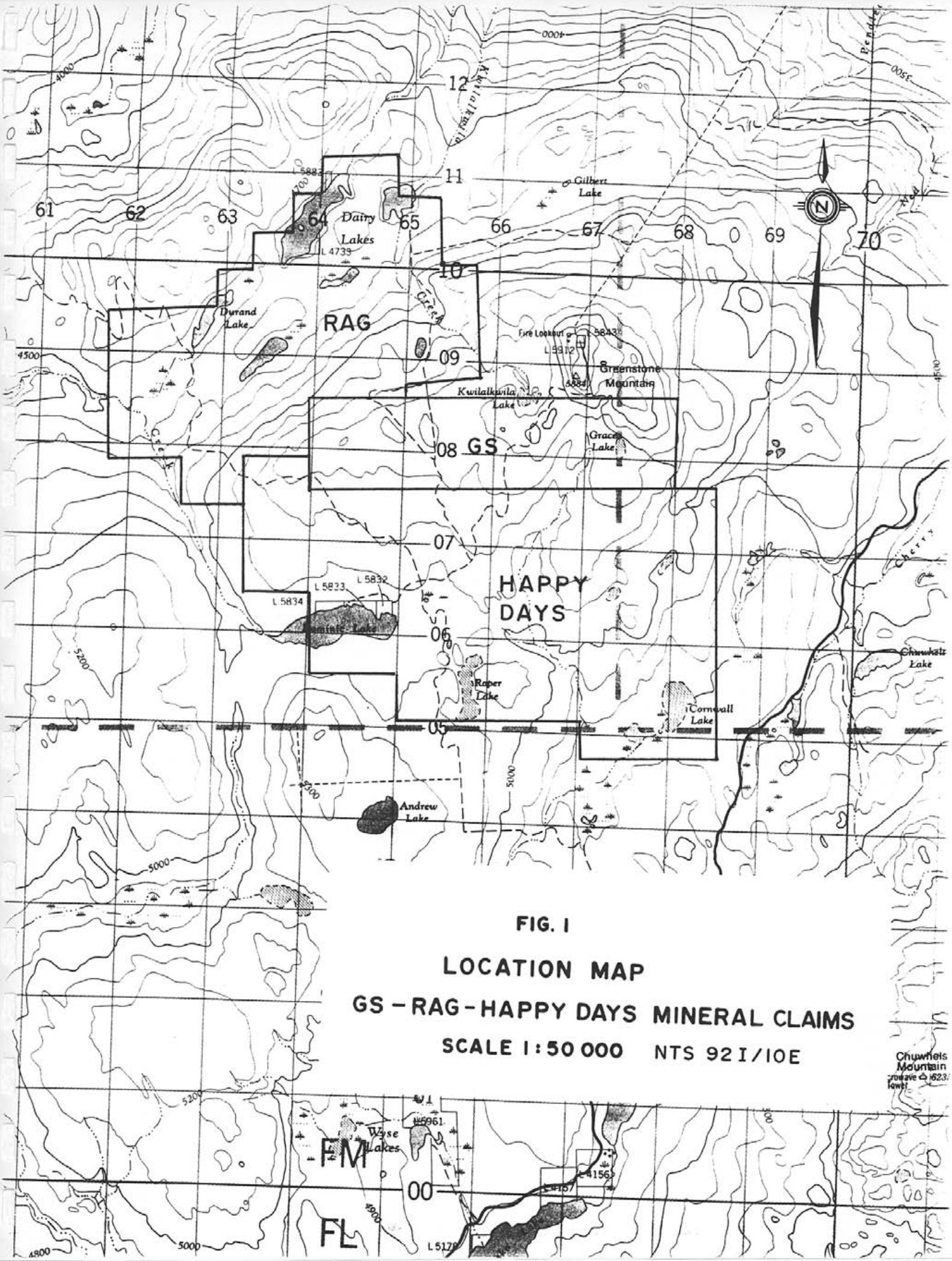

FIG. 1

LOCATION MAP

GS – RAG – HAPPY DAYS MINERAL CLAIMS

SCALE 1:50 000 NTS 92 I/10E

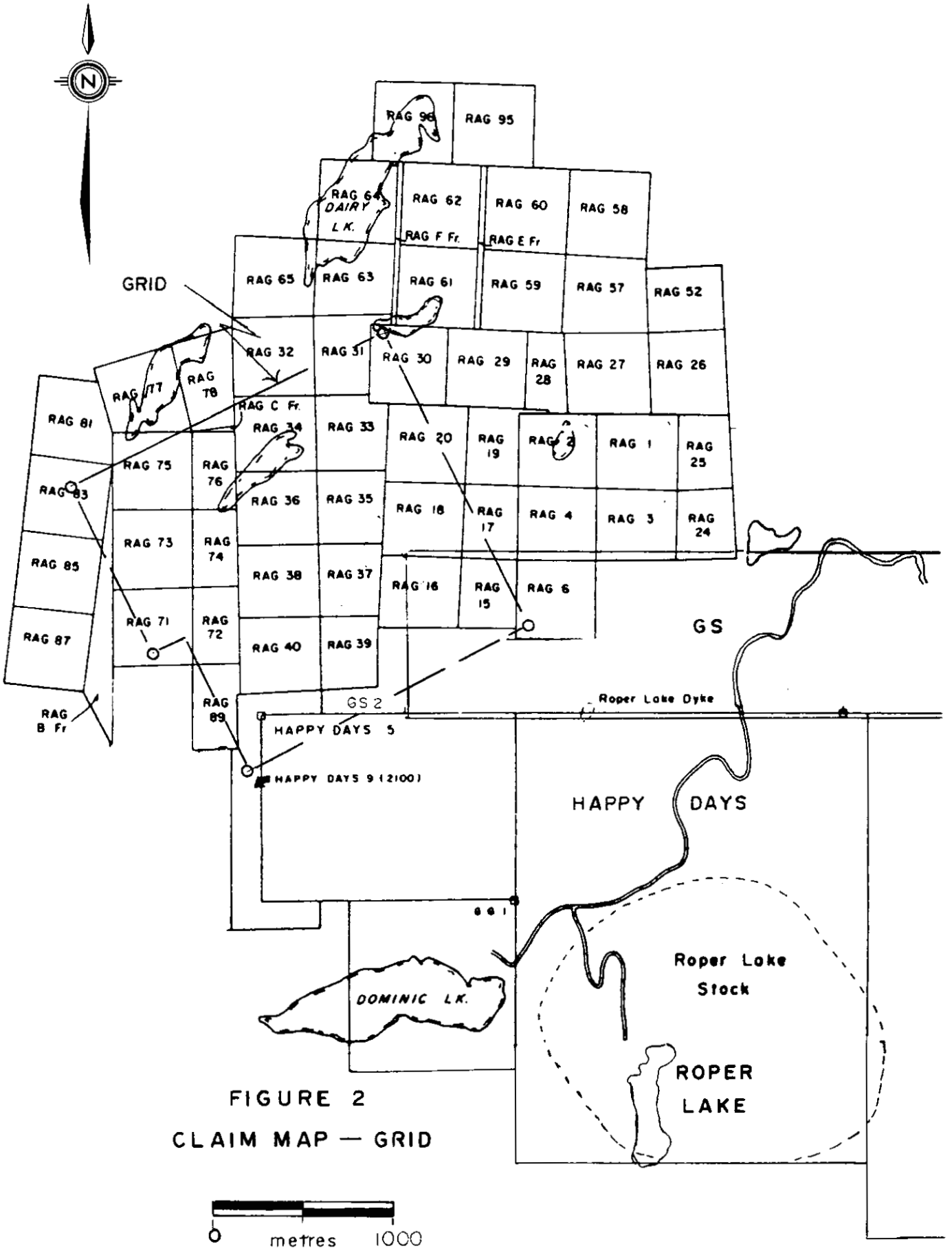

FIGURE 2

CLAIM MAP — GRID

2. Property Description

The GS-Rag-Happy Days Group consists of the following claims:

Claim Name	Units	Record No.	Expiry Date
GS2	2	9393	June 5, 1991
GS	16	7145	July 1, 1994
Rag 1-4	4	81476-79	July 4, 1993*
Rag 6	1	81481	July 4, 1993*
Rag 15-20	6	81490-95	July 4, 1993*
Rag 24-40	17	81512-28	July 8, 1993*
Rag 52	1	85361	Nov 12, 1993*
Rag 57-65	9	85363-71	Nov 12, 1992*
Rag 71-78	8	85377-84	Nov 12, 1993*
Rag 81	1	85387	Nov 12, 1993*
Rag 83	1	85389	Nov 12, 1993*
Rag 85	1	85391	Nov 12, 1993*
Rag 87	1	85393	Nov 12, 1993*
Rag 89	1	85395	Nov 12, 1993*
Rag 95-96	2	90118-19	July 20, 1993*
Rag "B" Fr	1	89224	May 27, 1991
Rag "C" Fr	1	89225	May 27, 1991
Rag "E" Fr	1	89560	June 22, 1991
Rag "F" Fr	1	89561	June 22, 1991
Happy Days 9	3	2100	Sept 5, 1995*
Happy Days 5	6	1335	Aug 8, 1992
G.G.1	4	1885	May 18, 1992

* Upon approval of assessment work described in this report.

The claims are owned by Teck Corporation (70%) and Cominco Ltd. (30%) in a joint venture agreement with Teck as operator. The Happy Days 5, 9, G.G.1 and GS2 claims are subject to a production royalty agreement with Antelope Resources.

3. Previous Work

The area has been explored periodically since 1960 when Kennco conducted an exploration program on their DRG claims (Ass. Rpt. #325). Subsequent programs are described in the following reports:

Assessment Report No.	1009	Dominic Mining Co., 1967
"	1099	Noranda 1967
"	2511	Cominco 1970
"	3713, 4004	Mid-North Exploration 1972
"	5673	Cominco 1975
"	7337	Cominco 1979
"	8238	Cominco 1980
"	17550	Teck Corp. 1988
"	17669	Cominco 1988

Cominco staked the Rag claims in 1969 to cover the northern and western part of an aeromagnetic anomaly associated with a composite diorite-monzonite intrusion (Durand Lake Stock) of Triassic age. Extensive geological and geophysical programs were conducted in 1969 - 70 and 1972. Additional work has been carried out at intervals up to the present. The previous work by Cominco has outlined disseminated sulphide zones (5 - 8% pyrite) along the west-southwest and east-northeast flanks of the intrusive. These peripheral areas have been covered by I.P. and Mag surveys. A limited amount of percussion drilling has been done as well.

In 1987 Teck Corporation staked the GS claim of 16 units to the south and east of the Rag claims and carried out Mag, VLF-EM, and soil sampling programs. A Cu-Au soil anomaly was outlined on the northwest part of the claim immediately southeast of the Rag claims.

4. Current Program

The current program was designed to explore the central portion of the alkalic stock lying to the north and west of the GS claim. Field work was carried out under the direction of Louis H. C. Tsang, exploration geologist.

Two baselines, each 2 700 m in length, were cut and surveyed with stations established every 100 m. Crosslines were run with chain and compass and tied back to the baseline.

a) Geochemical Survey

Over 500 samples were collected along 29 line-km of grid lines. The sample interval was 50 m on lines 100 m apart. Most of the samples were collected from the top B-horizon which was generally found at depths ranging form 15 cm to 25 cm. A mattock was used to dig a hole through the A horizon to the top B horizon.

The soil samples were delivered to Kamloops Research and Assay Laboratories. The samples were dried and the minus 80 mesh fraction collected. Gold analyses were done at KRAL using a FA/AA method with a detection limit of less than 5 ppb. The additional 29 elements were analyzed by an ICP method at Acme Analytical Laboratories. Detailed descriptions of analytical methods and copies of assay certificates are in the Appendix.

Earlier geochemical soil surveys by Teck and Cominco indicated that the largest Cu anomaly lies within the monzonitic phase of the Durand Lake Stock and the strongest Au

anomalies are located along the south margin of the monzonite and in the diorite to the west of the contact. This current survey extended the anomalous Au zone to the southwest, south of and parallel to the baseline. Though somewhat sporadic in occurrence the Au values form a northeast-southwest trending linear zone with higher concentrations in 3 areas.

Higher copper values in the east central portion of the grid are roughly coincident with higher gold values as shown by this survey and previous work on the GS claim (Ass Rpt. 17550). Otherwise, copper values were generally background with local erratic highs. The exception is a linear anomaly on the extreme west side of the grid (lines 25W & 26W) which duplicates an anomaly previously tested by Cominco.

Overburden cover is relatively thin and anomalous values are considered to be locally derived. Some weak associations of the copper and gold values with some elements from the ICP analyses were noted but no definitive trends were established.

b) Magnetometer Survey

The instrument used for the survey was a Sharpe MF-2 Fluxgate Magnetometer. The unit has a scale sensitivity of 5 gammas. A base station was established on the access road to the property and daily readings taken. Readings were taken at 25 m intervals along the grid lines. Substations were established along the baseline to check and adjust for diurnal variation. Magnetometer readings and contours at 1 000 gamma intervals are plotted on Figure 4 (in pocket).

The contrast in magnetic properties of the different rock units made this survey a useful mapping tool. The magnetic property of the diorite is useful in distinguishing it from the monzonitic phase and from the adjacent volcanic rocks in overburden covered areas. The current work has extended the known surface and near surface occurrence of diorite further to the south than previous surveys.

A remnant of a Tertiary valley flow of basaltic composition forms massive outcrops in the southwestern part of the grid. This rock contains magnetite but is reversely polarized and is outlined as magnetic "low" within the adjacent diorite.

c) VLF-EM Survey

A Crone Radem instrument was used to receive signals from transmitters at Cutler, Maine, and Seattle, Washington. The dip angle readings of the in-phase component were recorded at 25 m intervals along the gridlines. Data obtained from the Cutler transmitter were filtered using the Fraser method. Positive filtered values are plotted and contoured in 5 degree increments on Figure 5 (in pocket). Unfiltered data from Cutler and Seattle are recorded on Figures 6 and 7.

The VLF-EM survey outlined a number of relatively weak, linear conductive zones. The dominant trend of the more pronounced anomalies is east-west to east-northeast. A conspicuous regional topographic lineament follows the Dairy Lakes Valley in the north western part of the map area.

However, the presence of faulting was not detected by the VLF-EM survey.

5. Conclusions and Recommendations

Previously untested portions of the Rag and Happy Days claims have been covered by soil sampling, magnetometer, and VLF-EM surveys. The alkaline intrusions have been outlined more completely by magnetic surveying.

The north half of the area tested returned generally low values for Cu and Au. The broad valley in the north western part of the grid possibly follows a zone of faulting, but the geophysical data does not offer additional support for this concept.

Erratic but persistent Au geochemical values occur along a northeast trending linear parallel to and south of the baseline and extending from the monzonitic core to the western margin of the diorite. Copper values are strongest at the east and west ends of this feature; however, the west area has been adequately tested.

Some further work is warranted to define the bedrock source of the anomalous values in the east-central area of the grid.

6. Statement of Costs

Equipment Rental and Supplies	
Budget Rent-a-Car 3/4 ton 4X4 Pickup - 1 month rental	$1,085
Crone Geophysics & Exploration 1 Crone Radem VLF-EM unit 1 month rental at $600/month	600
T. Hasek and Associates Fluxgate Magnetometer MF-2	600
Soil Sampling Mattocks (2)	34
Soil Sample Analyses	
Kamloops Research and Assay Laboratories Ltd.	
500 samples for Au geochem assay and 29 element ICP analyses 10.85 per sample	$5,425
37 samples for Au & Cu 9.60 per sample	355
Personnel - Salaries	
L. Bond, L. Tsang, W. Takashita, D. Book, G. Lipkewich, J. Sadar, D. Birkenhead - Linecutting, surveying baselines, carrying out VLF-EM and Mag surveys, soil sampling	$14,135
Reporting writing, drafting, processing and plotting geophysical data	2,325
	$24,559
Withdrawn from Teck Corp PAC acct.	$7,241
Total Value Applied to Claims	**$31,800**

7. Statement of Qualifications

I, **Lorne Allan Bond**, of the City of Kamloops, British Columbia do hereby certify that:

1. I am a qualified, practising Geologist.

2. I am a graduate of Loyola College (University of Montreal), with a B.Sc. (1967) in Geotechnical Sciences.

3. I have practised my profession since 1967 while employed with Sherritt-Gordon Mines Ltd., Cominco Ltd., and Afton Operating Corporation.

4. This report describes geophysical and geochemical exploration performed under my direction during the period May 2 to June 26, 1990.

Lorne A. Bond
Senior Geologist
Afton Operating Corporation
September 10, 1990

7. Statement of Qualifications

I, **Louis Hee-Choi Tsang,** of the City of Kamloops, British Columbia, do hereby certify that:

1. I am a qualified, practising geologist.

2. I am a graduate of the university of British Columbia with a B.Sc. (1972) in Geology and Geophysics.

3. I have practised my profession since 1972 while employed with Granisle Copper Ltd., Highmont Operating Corporation and Afton Operating Corporation.

4. I supervised the field work on the GS-Rag-Happy Days mineral claims described in this report.

Louis H. C. Tsang
Exploration Geologist
Afton Operating Corporation
September 10, 1990

Appendix - Geochemical Assay Certificates

KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — FAX 372-1112

GEOCHEMICAL ANALYSIS METHODS

Sample preparation

1. Soils - The samples are dried in our geochemical drying oven and then screened through a stainless steel 80 mesh sieve. The minus 80 fraction is reserved for analysis and the plus 80 fraction is discarded (unless we have been requested to save it).

2. Rocks - The samples are dried, crushed, split then ground using a ring-grinder to approximately -100 mesh.

Au Method

Half to one assay ton of sample is weighed, silver added, along with fluxes and the sample is started as a fire assay. After cupellation the bead is dissolved and the sample is mixed to ensure homogeneity and ,after settling, is read on an atomic absorption spectrophotometer using an air acetylene flame.

Cu, Pb, Zn, Ag, Mo, Ni, Sb, Co, Fe, Cd, Bi, Mn
Atomic Absorption

Weigh 1 gram of sample into test tube. Add .5 ml nitric acid. Place in hot water bath for 30 minutes. Add 1.5 ml hydrochloric acid and leave in hot water bath for a further 90 minutes. Bulk to 10 ml with distilled water. Mix thoroughly and read on A.A. For Mo samples AlCl3 must be added. Use background correction for Pb, Ag, Sb, Co, Cd.

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** GEOCHEMICHAL ANALYSIS **

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Attn: Lorne Bond

Number: K 2266

Date: June 29, 1990

Proj.:

No.	Description	Au ppb
1	20W 11+50N	<5
2	12+50N	<5
3	24W 7+00N	<5
4	8+00N	<5
5	9+00N	<5
6	10+00N	<5
7	11+00N	<5
8	25W 7+00N	<5
9	8+50N 2	<5
10	9+00N	<5
11	10+00N	<5
12	26W 6+00N	<5
13	7+00N	<5
14	8+00N	<5
15	9+00N	<5
16	10+00N	<5
17	27W 6+00N	<5
18	7+00N	<5
19	8+00N	<5
20	8+75N	<5

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** GEOCHEMICAL ANALYSIS **

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Attn: Lorne Bond

Number: G 2263

Date: June 26, 1990

Proj.:

No.	Description	Au ppb
1	16W 9+50N	<5
2	10+50N	<5
3	11+50N	25
4	12+50N	<5
5	17W 9+50N	<5
6	10+50N	<5
7	11+50N	10
8	12+50N	5
9	18W 8+50N	25
10	9+50N	20
11	10+50N	<5
12	11+50N	10
13	12+50N	25
14	19W 8+50N	5
15	9+50N	5
16	10+50N	<5
17	11+50N	<5
18	12+50N	<5
19	20W 7+50N	<5
20	8+50N	<5
21	9+50N	<5
22	10+50N	<5
23	21W 7+50N	<5
24	8+50N	<5
25	9+50N	<5
26	10+50N	<5
27	11+50N	25
28	12+50N	30
29	22W 8+50N	<5
30	9+50N	<5
31	10+50N	<5
32	11+50N	<5

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** GEOCHEMICHAL ANALYSIS **

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Attn: Lorne Bond

Number: G 2263

Date: June 26, 1990

Proj.:

No.	Description	Au ppb
33	22W 12+50N	<5
34	23W 7+50N	<5
35	8+50N	<5
36	9+50N	<5
37	10+50N	<5
38	11+50N	<5
39	12+50N	<5

[redacted]
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** GEOCHEMICHAL ANALYSIS **

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Attn: Lorne Bond

Number: G 2261

Date: June 21, 1990

Proj.:

No.	Description	Au ppb
1	6W 0+00N	<5
2	1+00N	<5
3	1+50N	<5
4	2+00N	<5
5	2+50N	<5
6	3+00N	<5
7	4+00N	<5
8	4+50N	<5
9	5+00N	<5
10	5+50N	<5
11	6+00N	<5
12	6+50N	<5
13	7+00N	<5
14	7+50N	<5
15	8+00N	<5
16	8+50N	<5
17	9+00N	<5
18	9+50N	<5
19	10+00N	10
20	10+50N	<5
21	11+50N	<5
22	6W 12+50N	<5
23	7W 0+00N	<5
24	1+00N	85
25	1+50N	<5
26	2+00N	<5
27	2+50N	<5
28	3+00N	<5
29	3+50N	<5
30	4+50N	<5
31	5+00N	<5
32	7W 5+50N	<5

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** GEOCHEMICHAL ANALYSIS **

CTA

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Attn: Lorne Bond

Number: G 2261

Date: June 21, 1990

Proj.:

No.	Description	Au ppb
33	7W 6+00N	<5
34	6+50N	<5
35	7+00N	<5
36	7+50N	5
37	8+00N	<5
38	8+50N	<5
39	9+00N	<5
40	9+50N	<5
41	10+00N	<5
42	10+50N	<5
43	11+50N	<5
44	7W 12+50N	<5
45	8W 11+50N	<5
46	8W 12+50N	<5
47	9W 11+50N	<5
48	9W 12+50N	<5
49	10W 10+50N	<5
50	11+50N	20
51	10W 12+50N	<5
52	11W 10+75N	<5
53	11+50N	<5
54	11W 12+50N	<5
55	12W 10+50N	<5
56	11+50N	<5
57	12W 12+50N	<5
58	13W 10+50N	<5
59	11+50N	5
60	13W 12+50N	<5
61	14W 10+50N	<5
62	11+50N	<5
63	14W 12+50N	<5
64	15W 9+75N	<5

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V2C 5N4

Attn: Lorne Bond

Number: G 2261

Date: June 21, 1990

Proj.:

No.	Description	Au ppb
65	15W 10+50N	<5
66	11+50N	<5
67	15W 12+50N	<5

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To: Afton Operating Corp.
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V2C 5N4

Attn: Lorne Bond

Number: G 2260

Date: June 20, 1990

Proj.:

No.	Description	Au ppb
1	17W 0+50S	<5
2	1+00S	90
3	1+50S	10
4	2+00S	<5
5	17W 2+50S	35
6	18W 0+50S	<5
7	1+00S	25
8	1+50S	<5
9	2+00S	<5
10	2+50S	<5
11	3+00S	<5
12	3+50S	<5
13	4+00S	<5
14	4+50S	<5
15	5+00S	<5
16	5+50S	<5
17	6+00S	<5
18	6+50S	<5
19	18W 7+00S	20
20	19W 0+50S	<5
21	1+00S	50
22	1+50S	25
23	2+00S	25
24	2+50S	<5
25	3+00S	<5
26	3+50S	<5
27	4+00S	<5
28	4+50S	<5
29	5+00S	35
30	5+50S	20
31	6+00S	5
32	6+50S	<5
33	19W 7+00S	<5

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To:

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Attn:

Lorne Bond

Number: G 2260

Date: June 20, 1990

Proj.:

No.	Description	Au ppb
34	20W 0+50S	40
35	1+00S	165
36	1+50S	40
37	2+00S	<5
38	2+50S	<5
39	3+00S	<5
40	3+50S	<5
41	4+00S	<5
42	4+50S	<5
43	5+00S	<5
44	5+50S	35
45	6+00S	5
46	6+50S	<5
47	20W 7+00S	<5
48	23W 0+50S	<5
49	1+00S	<5
50	1+50S	<5
51	2+00S	<5
52	2+50S	<5
53	3+00S	<5
54	3+50S	<5
55	23W 4+00S	<5

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** GEOCHEMICHAL ANALYSIS **

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Attn: Lorne Bond

Number: G 2257

Date: June 18, 1990

Proj.:

No.	Description		Au ppb
1	8W	0+00N	<5
2		0+50N	<5
3		1+00N	<5
4		1+50N	<5
5		2+00N	<5
6		2+50N	<5
7		3+00N	<5
8		3+50N	<5
9		4+00N	<5
10		4+50N	<5
11		5+00N	<5
12		5+50N	<5
13		6+00N	<5
14		6+50N	<5
15		7+00N	<5
16		7+50N	<5
17		8+00N	<5
18		8+50N	<5
19		9+00N	<5
20	8W	9+50N	<5
21	9W	0+00N	<5
22		1+00N	<5
23		1+50N	<5
24		2+00N	<5
25		2+50N	<5
26		3+00N	<5
27		3+50N	<5
28		4+00N	<5
29		4+50N	<5
30		5+00N	<5
31		5+50N	<5
32	9W	6+00N	<5

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** GEOCHEMICHAL ANALYSIS **

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Attn: Lorne Bond

Number: G 2257

Date: June 18, 1990

Proj.:

No.	Description		Au ppb
33	9W	6+50N	<5
34		7+00N	<5
35		7+50N	<5
36		8+00N	<5
37		8+50N	<5
38		9+00N	<5
39		10+00N	<5
40	9W	10+50N	<5
41	10W	0+00N	25
42		0+50N	<5
43		1+00N	<5
44		1+50N	<5
45		2+00N	<5
46		2+50N	<5
47		3+00N	<5
48		3+50N	<5
49		4+00N	<5
50		4+50N	<5
51		5+00N	<5
52		5+50N	<5
53		6+00N	<5
54		6+50N	<5
55		7+00N	<5
56		7+50N	<5
57		8+00N	<5
58		8+50N	<5
59	10W	9+00N	<5
60	11W	0+00N	<5
61		0+50N	<5
62		1+00N	<5
63		1+50N	<5
64	11W	2+00N	<5

KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.

B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

** GEOCHEMICHAL ANALYSIS **

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Attn: Lorne Bond

Number: G 2257

Date: June 18, 1990

Proj.:

No.	Description		Au ppb
65	11W	2+50N	<5
66		3+00N	<5
67		3+50N	10
68		4+00N	30
69		4+50N	<5
70		5+00N	<5
71		5+50N	<5
72		6+00N	<5
73		6+50N	<5
74		7+00N	5
75		7+50N	<5
76		8+00N	<5
77		8+50N	<5
78	11W	9+00N	<5
79	21W	0+50S	55
80		1+00S	40
81		1+50S	40
82		2+00S	<5
83		2+50S	25
84		3+00S	30
85		3+50S	<5
86		4+00S	<5
87		4+50S	5
88		5+00S	30
89		5+50S	<5
90		6+00S	65
91		6+50S	60
92	21W	7+00S	15
93	22W	0+50S	<5
94		1+00S	<5
95		1+50S	<5
96	22W	2+00S	<5

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B.C. CERTIFIED ASSAYERS
912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

** GEOCHEMICHAL ANALYSIS **

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Attn: Lorne Bond

Number: G 2257

Date: June 18, 1990

Proj.:

No.	Description		Au ppb
97	22W	2+50S	<5
98		3+00S	<5
99		3+50S	<5
100		4+00S	<5
101		4+50S	<5
102		5+00S	<5
103		5+50S	<5
104		6+00S	35
105		6+50S	<5
106	22W	7+00S	<5
107	24W	0+00N	<5
108		0+50N	<5
109		1+00N	5
110		1+50N	<5
111		2+00N	<5
112		2+50N	<5
113		3+00N	<5
114		3+50N	<5
115		4+00N	<5
116		4+50N	<5
117		5+00N	<5
118		5+50N	<5
119		6+00N	<5
120	24W	6+50N	<5
121	24W	0+50S	<5
122		1+50S	<5
123		2+00S	60
124		2+50S	25
125		3+00S	<5
126		3+50S	<5
127		4+00S	<5
128	24W	4+50S	<5

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

** GEOCHEMICHAL ANALYSIS **

CTA

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Attn:

Number: G 2255

Date: June 11, 1990

Proj.:

No.	Description		Au ppb
1	25W	0+50N	<5
2		1+00N	30
3		1+50N	<5
4		2+00N	<5
5		2+50N	<5
6		3+00N	<5
7		3+50N	<5
8		4+00N	<5
9		4+50N	<5
10		5+00N	<5
11		5+50N	<5
12		6+00N	<5
13	25W	6+50N	<5
14	27W	2+00N	<5
15		2+50N	<5
16		3+00N	<5
17		3+50N	<5
18		4+00N	<5
19		4+50N	<5
20		5+00N	<5
21		5+50N	<5
22	27W	6+00N	<5

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B.C. CERTIFIED ASSAYERS
912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

** GEOCHEMICHAL ANALYSIS **

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Attn:

Number: G 2253

Date: June 11, 1990

Proj.:

No.	Description		Au ppb
1	12W	0+00N	<5
2		0+50N	<5
3		1+00N	<5
4		1+50N	<5
5		2+00N	<5
6		2+50N	<5
7		3+00N	<5
8		3+50N	<5
9		4+00N	<5
10		4+50N	<5
11		5+00N	<5
12		5+50N	<5
13		6+50N	<5
14		7+00N	<5
15	12W	8+50N	<5
16	13W	0+00N	5
17		0+50N	5
18		1+00N	<5
19		1+50N	50
20		2+00N	<5
21		2+50N	<5
22		3+00N	<5
23		3+50N	<5
24		4+00N	<5
25		4+50N	<5
26		5+00N	<5
27		5+50N	10
28		6+00N	5
29	13W	7+50N	<5
30	14W	0+00N	<5
31		0+50N	40
32		1+00N	<5

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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

** GEOCHEMICHAL ANALYSIS **

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Number: G 2253

Date: June 11, 1990

Proj.:

Attn:

No.	Description		Au ppb
33	14W	1+50N	<5
34		2+00N	<5
35		2+50N	<5
36		3+00N	<5
37		3+50N	<5
38		4+00N	<5
39		4+50N	<5
40		5+00N	<5
41		5+50N	<5
42		6+00N	<5
43		6+50N	<5
44		7+00N	<5
45	14W	7+50N	<5
46	15W	0+00N	20
47		0+50N	10
48		1+00N	<5
49		1+50N	5
50		2+00N	<5
51		2+50N	<5
52		3+00N	<5
53		3+50N	<5
54		4+00N	10
55		4+50N	10
56		5+00N	5
57		5+50N	<5
58		6+00N	<5
59		6+50N	10
60		7+00N	<5
61	15W	7+50N	<5
62	16W	0+00N	<5
63		0+50N	<5
64		1+00N	<5

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

** GEOCHEMICHAL ANALYSIS **

To: Afton Operating Corp.
Box 937,
Kamloops, B.C.
V2C 5N4

Attn:

Number: G 2253

Date: June 11, 1990

Proj.:

No.	Description		Au ppb
65	16W	1+50N	<5
66		2+00N	<5
67		2+50N	<5
68		3+00N	<5
69		3+50N	<5
70		4+00N	<5
71		4+50N	<5
72		5+00N	<5
73		5+50N	<5
74		6+00N	<5
75		6+50N	<5
76	16W	7+00N	<5
77	17W	0+00N	<5
78		0+50N	<5
79		1+00N	<5
80		1+50N	<5
81		2+00N	<5
82		2+50N	<5
83		3+00N	<5
84		3+50N	<5
85		4+00N	<5
86		4+50N	<5
87		5+00N	5
88		5+50N	<5
89		6+00N	<5
90		6+50N	35
91	17W	7+00N	5

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912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

** GEOCHEMICHAL ANALYSIS **

To: Afton Mines Ltd.
Box 937
Kamloops, B.C.
V2C 5N4

Attn: Lorne Bond

Number: G 2248

Date: June 8, 1990

Proj.:

No.	Description	Au ppb
1	18W 0+00N	<5
2	0+50N	<5
3	1+00N	<5
4	1+50N	<5
5	2+00N	<5
6	2+50N	<5
7	3+00N	<5
8	3+50N	<5
9	4+00N	<5
10	5+00N	<5
11	5+50N	<5
12	6+00N	<5
13	6+50N	10
14	19W 0+00N	30
15	0+50N	65
16	1+00N	<5
17	1+50N	190
18	2+00N	<5
19	2+50N	5
20	3+00N	<5
21	3+50N	<5
22	4+00N	<5
23	4+50N	<5
24	5+00N	5
25	5+50N	<5
26	6+00N	<5
27	6+50N	<5
28	20W 0+00N	<5
29	0+50N	10
30	1+00N	<5
31	1+50N	<5
32	2+00N	10

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

** GEOCHEMICHAL ANALYSIS **

To: Afton Mines Ltd.
Box 937
Kamloops, B.C.
V2C 5N4

Attn: Lorne Bond

Number: G 2248

Date: June 8, 1990

Proj.:

No.	Description	Au ppb
33	20W 2+50N	25
34	3+00N	<5
35	3+50N	<5
36	4+00N	5
37	4+50N	30
38	5+00N	5
39	5+50N	<5
40	6+00N	20
41	6+50N	<5
42	7+00N	10
43	21W 0+50N	<5
44	1+00N	<5
45	1+50N	5
46	2+00N	<5
47	2+50N	<5
48	3+00N	<5
49	3+50N	5
50	4+00N	<5
51	4+50N	<5
52	5+00N	35
53	5+25N	<5
54	6+00N	<5
55	6+50N	<5
56	22W 0+00N	20
57	0+50N	<5
58	1+00N	<5
59	1+50N	<5
60	2+00N	<5
61	2+50N	<5
62	3+00N	<5
63	3+50N	<5
64	4+00N	40

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B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

CTA

** GEOCHEMICHAL ANALYSIS **

To: Afton Mines Ltd.
Box 937
Kamloops, B.C.
V2C 5N4

Attn: Lorne Bond

Number: G 2248

Date: June 8, 1990

Proj.:

No.	Description	Au ppb
65	22W 4+50N	<5
66	6+00N	<5
67	6+50N	<5
68	7+00N	<5
69	23W 0+00N	40
70	0+50N	30
71	1+00N	20
72	1+50N	<5
73	2+00N	<5
74	2+50N	<5
75	3+00N	<5
76	3+50N	<5
77	4+00N	<5
78	4+50N	<5
79	5+50N	10
80	6+00N	15
81	6+50N	<5
82	7+00N	<5
83	26W 2+00N	<5
84	2+50N	<5
85	3+00N	<5
86	3+50N	<5
87	4+00N	<5
88	4+50N	<5
89	5+00N	<5
90	5+50N	<5
91	26W 6+00N	<5

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Kamloops Research & Assay Lab. PROJECT G2266 File # 90-2132

912 - 1 Laval Crescent, Kamloops BC V2C 5P5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
27W 8+75N	1	74	9	57	.1	16	11	350	3.09	3	5	ND	1	43	.3	2	2	72	.65	.111	7	30	.56	175	.10	6	1.76	.02	.07	1
27W 8+00N	1	81	4	60	.1	22	13	366	3.78	5	5	ND	1	49	.2	2	2	76	.86	.039	11	42	.67	276	.12	4	2.24	.02	.08	1
27W 7+00N	1	48	12	46	.1	15	10	282	3.29	5	5	ND	1	42	.4	2	3	74	.73	.017	7	33	.54	228	.14	9	1.82	.03	.08	2
27W 6+00N	1	43	8	59	.2	18	11	323	3.12	2	5	ND	1	35	.5	2	4	75	.44	.129	7	31	.48	161	.12	6	1.91	.02	.07	1
26W 10+00N	1	125	9	56	.1	22	14	425	4.10	8	5	ND	1	49	.3	2	3	91	.92	.104	13	38	.69	242	.10	9	1.70	.02	.12	1
26W 9+00N	1	185	11	62	.2	26	17	552	5.04	15	5	ND	1	50	.5	3	3	107	.85	.092	10	43	.93	287	.09	8	2.15	.02	.08	1
26W 8+00N	1	198	15	67	.1	29	18	583	5.30	19	5	ND	1	46	.9	4	4	116	.78	.076	11	48	.87	239	.10	5	2.11	.02	.11	2
26W 7+00N	1	103	9	65	.2	20	14	629	3.92	8	5	ND	1	54	.5	4	2	84	.90	.040	9	41	.81	282	.12	5	1.98	.02	.08	1
26W 6+00N	1	76	10	51	.2	16	11	400	3.28	6	5	ND	1	40	.4	2	2	72	.67	.034	8	28	.48	318	.11	6	2.02	.02	.09	1
25W 10+00N	1	46	6	63	.1	18	11	395	3.30	6	5	ND	1	32	.3	2	2	75	.50	.074	5	33	.49	186	.11	8	1.65	.02	.10	1
25W 9+00N	1	61	6	63	.1	20	14	400	3.84	4	5	ND	1	59	.5	2	3	83	1.03	.029	9	40	.67	186	.12	10	2.01	.03	.09	1
25W 8+50N	1	84	9	89	.2	23	11	727	3.15	3	5	ND	1	64	.2	2	2	59	1.15	.058	8	30	.69	231	.09	4	2.34	.02	.08	1
25W 7+00N	1	49	3	57	.2	21	13	539	3.32	7	5	ND	1	43	.2	2	6	74	.67	.067	7	34	.55	179	.10	3	1.78	.02	.11	1
24W 11+00N	1	38	7	53	.1	16	14	429	3.33	5	5	ND	1	34	.4	2	4	80	.55	.041	5	32	.47	204	.10	3	1.47	.02	.09	1
24W 10+00N	1	34	6	65	.1	15	13	609	3.16	6	5	ND	1	34	.2	2	6	71	.59	.058	5	26	.44	239	.09	4	1.50	.02	.09	1
24W 9+00N	1	28	10	48	.1	16	11	353	3.09	6	5	ND	1	27	.7	2	5	76	.43	.049	4	26	.46	154	.10	5	1.65	.02	.08	2
24W 8+00N	1	52	7	55	.2	16	12	607	3.10	3	5	ND	1	42	.3	2	2	68	.81	.041	7	28	.52	164	.09	4	1.89	.02	.08	1
24W 7+00N	1	52	8	100	.2	22	14	710	3.19	8	5	ND	1	40	.3	2	7	72	.64	.045	7	35	.62	167	.09	6	1.61	.02	.10	1
20W 12+50N	1	47	5	76	.2	21	12	335	3.60	5	5	ND	1	34	.6	2	4	75	.45	.074	7	38	.68	251	.11	5	1.69	.02	.09	1
20W 11+50N	1	72	15	65	.1	21	15	535	4.37	6	5	ND	1	29	.4	2	2	94	.39	.074	8	39	.71	210	.08	6	1.63	.02	.09	1
STANDARD C	18	57	40	131	7.2	70	31	1020	3.66	40	17	7	36	51	18.4	15	22	55	.49	.099	37	57	.86	181	.07	37	1.83	.06	.14	11

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp

DATE RECEIVED: JUN 29 1990 **DATE REPORT MAILED:** July 4/90. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G2263 23W 12+50N	1	36	5	59	.1	20	13	469	4.14	7	5	ND	1	24	.4	2	2	99	.49	.055	4	30	.63	213	.09	3	1.76	.02	.08	1
G2263 23W 11+50N	1	30	9	51	.1	16	12	498	3.34	8	5	ND	1	31	.5	2	2	72	.67	.053	5	25	.49	227	.11	2	1.91	.03	.07	2
G2263 23W 10+50N	1	30	11	60	.1	16	11	260	3.47	4	5	ND	1	34	.4	2	2	72	.60	.034	5	24	.51	208	.11	2	1.97	.03	.09	1
G2263 23W 9+50N	1	47	6	53	.1	15	10	388	2.92	2	5	ND	1	40	.8	2	2	57	.84	.027	6	21	.53	173	.10	2	2.14	.02	.08	1
G2263 23W 8+50N	1	31	5	57	.1	15	12	367	3.39	6	5	ND	1	30	.7	2	2	76	.56	.057	5	23	.51	135	.10	2	1.73	.02	.08	1
G2263 23W 7+50N	1	105	4	74	.1	25	16	594	4.88	17	5	ND	1	37	.9	2	3	105	.78	.058	10	36	.89	192	.11	2	2.11	.02	.09	1
G2263 22W 12+50N	1	23	7	56	.1	12	10	246	3.27	4	5	ND	1	27	.2	2	2	73	.48	.048	4	22	.42	140	.11	2	1.53	.02	.08	1
G2263 22W 11+50N	1	45	10	58	.1	16	11	261	3.81	8	5	ND	1	29	.2	2	2	86	.46	.049	5	28	.57	115	.11	4	1.64	.02	.08	1
G2263 22W 10+50N	1	28	9	59	.2	16	12	493	3.30	5	5	ND	1	25	.6	2	3	74	.42	.063	4	26	.45	150	.11	2	1.56	.02	.09	1
G2263 22W 9+50N	1	23	9	47	.1	14	10	234	3.12	9	5	ND	1	25	.4	2	2	73	.43	.028	3	24	.44	115	.11	2	1.46	.02	.11	1
G2263 22W 8+50N	1	24	4	40	.1	12	10	158	3.10	2	5	ND	1	25	.4	2	2	73	.42	.023	3	23	.41	127	.11	2	1.56	.03	.06	1
G2263 21W 12+50N	1	44	2	51	.1	15	13	313	4.10	5	5	ND	1	20	1.2	3	2	81	.31	.049	4	23	.51	142	.08	2	1.71	.02	.07	2
G2263 21W 11+50N	1	151	5	63	.1	23	24	949	6.42	15	5	ND	1	27	.4	2	7	99	.57	.074	10	35	1.14	254	.07	2	2.44	.02	.12	1
G2263 21W 10+50N	1	73	5	62	.1	21	15	461	4.53	8	5	ND	1	28	.5	2	2	84	.51	.071	7	32	.80	190	.08	2	2.06	.02	.08	1
G2263 21W 9+50N	1	36	7	48	.1	14	12	313	3.59	3	5	ND	1	32	.3	2	2	72	.62	.060	6	25	.58	148	.09	2	1.75	.02	.09	1
G2263 21W 8+50N	1	100	5	65	.1	22	13	447	3.84	4	5	ND	1	41	1.1	2	2	61	.85	.018	9	27	.76	329	.10	4	2.56	.03	.08	1
G2263 21W 7+50N	1	114	5	63	.1	29	16	564	4.84	17	5	ND	1	49	.9	2	2	92	1.51	.068	9	35	.95	191	.09	2	1.88	.02	.09	2
G2263 20W 10+50N	1	164	10	67	.2	25	21	918	6.21	14	5	ND	1	41	.9	2	3	98	.76	.126	10	36	1.04	273	.08	2	1.92	.02	.10	1
G2263 20W 9+50N	1	46	8	60	.1	17	14	834	4.09	6	5	ND	1	27	.3	2	2	72	.51	.058	5	25	.63	209	.08	2	1.79	.02	.10	1
G2263 20W 8+50N	1	41	2	48	.1	16	11	560	3.31	2	5	ND	1	27	.2	2	2	69	.38	.028	5	27	.59	163	.10	2	1.72	.02	.08	1
G2263 20W 7+25N	1	71	6	37	.1	13	10	220	2.90	5	5	ND	1	74	.7	2	2	55	5.25	.023	5	19	.49	209	.06	2	1.40	.02	.07	1
G2263 19W 12+50N	1	85	8	61	.2	17	12	750	3.36	4	5	ND	1	25	.2	2	2	65	.44	.051	5	23	.54	220	.09	2	1.75	.02	.12	1
G2263 19W 11+50N	1	80	5	72	.1	17	13	846	3.79	7	5	ND	1	24	.6	2	2	72	.40	.067	5	25	.62	199	.09	2	1.64	.01	.11	1
G2263 19W 10+50N	1	89	7	65	.1	17	15	692	4.14	11	5	ND	1	23	.7	2	2	74	.45	.058	5	23	.58	223	.08	2	1.65	.01	.11	1
G2263 19W 9+50N	1	70	5	59	.1	16	14	599	3.81	7	5	ND	1	24	.6	3	2	76	.40	.039	5	25	.56	180	.11	4	1.65	.02	.11	1
G2263 19W 8+50N	1	96	3	63	.1	19	16	773	4.14	13	5	ND	1	30	.6	2	2	78	.49	.075	7	30	.62	216	.09	3	1.65	.02	.12	1
G2263 18W 12+50N	1	177	15	90	.3	26	17	690	4.55	12	5	ND	1	33	.8	3	2	84	.76	.044	8	33	.71	228	.10	2	2.01	.02	.11	1
G2263 18W 11+50N	1	176	6	81	.3	18	14	696	3.97	10	5	ND	1	33	.2	2	3	69	.54	.062	7	24	.60	277	.07	2	1.73	.02	.11	1
G2263 18W 10+50N	1	97	8	59	.1	15	13	551	3.75	9	5	ND	1	20	.6	2	2	69	.33	.039	5	22	.51	174	.09	5	1.49	.02	.12	1
G2263 18W 9+50N	1	116	10	58	.1	18	15	737	4.05	9	5	ND	1	24	.5	3	2	78	.49	.036	5	27	.61	173	.09	2	1.50	.01	.13	1
G2263 18W 8+50N	1	189	13	46	.1	17	14	256	3.99	9	5	ND	1	43	.7	2	2	88	.75	.021	9	25	.91	216	.06	2	2.04	.01	.12	1
G2263 17W 12+50N	1	92	9	98	.2	19	14	535	3.76	5	5	ND	1	26	.4	2	2	73	.43	.065	6	26	.64	231	.09	4	1.60	.02	.12	1
G2263 17W 11+50N	1	71	4	96	.1	18	15	694	3.50	5	5	ND	1	27	.5	2	2	66	.54	.076	6	25	.58	219	.09	6	1.70	.02	.15	1
G2263 17W 10+50N	1	42	8	65	.1	17	15	856	3.40	5	5	ND	1	39	.7	2	2	72	.81	.067	4	29	.63	126	.08	2	1.30	.01	.12	1
G2263 17W 9+50N	1	35	10	81	.1	17	15	956	3.28	7	5	ND	1	29	.7	3	2	65	.58	.070	5	27	.56	191	.10	5	1.58	.01	.18	1
STANDARD C	18	59	37	132	7.2	67	29	1032	3.97	38	21	6	36	48	17.6	15	19	56	.50	.091	37	58	.90	173	.07	31	1.93	.06	.14	11

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G2263 16W 12+50N	1	95	10	83	.4	30	15	679	4.25	2	5	ND	1	53	.2	2	3	69	.84	.058	10	37	.72	223	.08	4	2.19	.02	.10	1
G2263 16W 11+50N	1	57	5	61	.2	22	15	586	3.62	3	5	ND	1	32	.2	2	2	69	.46	.059	6	32	.56	222	.08	5	1.53	.02	.10	1
G2263 16W 10+50N	1	35	4	55	.2	17	14	1221	3.18	4	5	ND	1	36	.2	2	2	64	.63	.055	4	28	.48	227	.08	4	1.31	.02	.15	1
G2263 16W 9+50N	1	43	5	49	.2	18	14	521	3.51	8	5	ND	1	41	.2	2	3	81	.58	.027	6	33	.57	183	.10	7	1.49	.02	.10	2
STANDARD C	18	58	37	131	7.5	72	30	1043	4.02	42	21	7	38	53	18.6	15	21	57	.51	.096	38	59	.93	180	.07	36	1.92	.06	.14	11

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GEOCHEMICAL ANALYSIS CERTIFICATE

Kamloops Research & Assay Lab. PROJECT G2261 File # 90-1944 Page 1

912 - 1 Laval Crescent, Kamloops BC V2C 5P5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
15W 12+50N	1	149	11	102	.5	39	18	701	5.66	17	5	ND	2	51	.2	5	2	97	.80	.093	11	52	1.13	284	.10	2	2.26	.01	.11	1
15W 11+50N	1	31	5	105	.2	20	12	672	3.40	8	5	ND	1	33	.2	3	2	62	.42	.075	5	32	.56	217	.11	2	1.70	.01	.13	1
15W 10+50N	1	53	9	76	.3	22	15	587	4.30	11	5	ND	1	36	.2	4	2	81	.49	.071	6	40	.75	180	.11	2	1.65	.01	.12	1
15W 9+75N	1	54	8	67	.2	22	15	404	4.13	14	5	ND	2	43	.2	4	2	79	.65	.023	9	40	.79	209	.11	2	1.85	.01	.13	1
14W 12+50N	1	39	7	67	.2	19	11	424	3.41	6	5	ND	1	30	.2	3	2	68	.38	.062	6	33	.54	214	.12	2	1.63	.01	.11	1
14W 11+50N	1	115	8	84	.4	37	16	578	5.20	17	5	ND	2	45	.2	5	2	99	.76	.104	12	51	1.03	231	.12	2	2.14	.01	.14	1
14W 10+50N	1	27	6	56	.1	16	9	245	3.62	6	5	ND	1	32	.2	3	2	81	.48	.030	4	32	.56	142	.12	2	1.46	.01	.08	1
13W 12+50N	1	34	6	69	.3	19	12	583	3.48	8	5	ND	1	35	.2	3	2	73	.52	.046	5	32	.52	257	.12	2	1.62	.01	.11	1
13W 11+50N	1	43	6	59	.1	20	12	481	3.70	9	5	ND	1	32	.2	3	2	78	.49	.070	8	36	.57	263	.11	2	1.42	.01	.10	1
13W 10+50N	1	44	8	66	.2	20	13	563	3.52	6	5	ND	1	35	.2	3	2	68	.60	.055	8	33	.52	296	.11	2	1.82	.02	.19	1
12W 12+50N	1	41	6	71	.1	23	14	592	4.05	12	5	ND	1	31	.2	3	2	77	.40	.067	5	35	.57	199	.11	2	1.64	.01	.10	1
12W 11+50N	1	41	6	74	.2	21	12	582	3.58	12	5	ND	1	40	.2	3	2	70	.65	.051	6	34	.54	250	.12	2	1.67	.01	.14	1
12W 10+50N	1	52	7	79	.1	22	14	904	3.76	11	5	ND	1	35	.2	3	2	77	.51	.056	7	36	.57	266	.13	5	1.66	.01	.16	1
11W 12+50N	1	37	6	91	.1	19	13	480	3.50	12	5	ND	1	34	.2	2	2	66	.46	.048	5	31	.53	252	.11	2	1.83	.02	.12	1
11W 11+50N	1	39	7	99	.3	18	13	584	3.39	8	5	ND	1	38	.2	2	2	64	.55	.047	5	30	.53	255	.11	2	1.63	.01	.15	1
11W 10+75N	1	55	7	100	.3	19	14	739	3.61	16	5	ND	2	46	.2	2	2	64	.67	.066	10	32	.57	267	.13	3	1.96	.02	.16	1
10W 12+50N	1	34	7	69	.2	20	12	618	3.35	9	5	ND	1	42	.2	3	2	71	.63	.050	6	34	.57	263	.14	5	1.77	.02	.10	1
10W 11+50N	1	43	8	66	.2	21	13	567	3.45	5	5	ND	1	32	.2	2	2	67	.49	.057	9	32	.57	285	.13	2	1.90	.02	.12	1
10W 10+50N	1	31	6	56	.2	18	13	393	3.62	9	5	ND	2	40	.2	2	2	75	.60	.055	7	35	.60	209	.13	2	1.64	.02	.13	1
9W 12+50N	1	42	6	75	.2	22	13	645	3.62	10	5	ND	1	36	.2	3	2	76	.58	.063	8	36	.63	248	.16	2	1.86	.02	.14	1
9W 11+50N	1	26	4	88	.2	21	11	515	3.55	5	5	ND	2	30	.2	3	2	75	.49	.064	5	35	.56	197	.15	2	1.76	.02	.10	1
8W 12+50N	1	54	6	68	.3	21	14	800	3.82	11	5	ND	1	39	.2	2	2	75	.51	.089	7	37	.57	316	.09	2	1.93	.02	.10	1
8W 11+50N	1	29	8	90	.2	19	12	338	3.32	8	5	ND	1	30	.2	2	2	68	.39	.092	5	34	.51	173	.13	3	1.74	.02	.08	1
7W 12+50N	1	28	8	58	.2	18	11	204	3.33	11	5	ND	1	33	.2	3	2	67	.43	.057	5	31	.50	159	.14	2	1.83	.02	.08	1
7W 11+50N	1	28	10	82	.3	20	12	402	3.34	8	5	ND	2	30	.2	2	2	64	.39	.134	5	32	.56	196	.12	2	2.16	.02	.09	1
7W 10+50N	1	62	9	71	.3	22	14	415	3.99	13	5	ND	2	43	.2	3	2	84	.55	.095	7	42	.84	171	.15	3	1.75	.02	.09	1
7W 10+00N	1	29	8	67	.4	17	11	285	3.12	12	5	ND	1	34	.2	2	2	63	.43	.076	4	32	.49	185	.13	3	1.76	.02	.10	1
7W 9+50N	1	75	8	60	.4	25	12	595	3.35	14	5	ND	1	46	.2	2	3	63	.76	.044	9	36	.64	260	.11	2	2.06	.02	.09	1
7W 9+00N	1	40	3	62	.2	18	12	264	3.21	8	5	ND	1	43	.2	2	2	71	.60	.039	6	35	.62	142	.13	2	1.43	.01	.07	1
7W 8+50N	1	35	8	62	.2	19	10	342	3.06	11	5	ND	1	37	.2	2	2	66	.50	.043	6	33	.55	184	.15	2	1.55	.02	.08	1
7W 8+00N	1	37	6	59	.2	21	11	355	3.23	12	5	ND	1	40	.2	2	3	66	.60	.049	5	34	.55	209	.13	2	1.80	.02	.09	1
7W 7+50N	1	40	4	63	.1	19	14	453	3.49	11	5	ND	1	42	.2	2	2	75	.54	.081	5	37	.69	153	.13	2	1.63	.01	.08	1
7W 7+00N	1	26	5	63	.2	17	11	263	3.28	8	5	ND	1	35	.2	2	2	70	.44	.068	4	35	.55	143	.13	2	1.53	.01	.07	2
7W 6+50N	1	61	7	62	.2	24	11	1221	3.36	8	5	ND	1	47	.2	2	4	60	1.01	.038	6	32	.53	443	.13	2	2.11	.02	.08	2
7W 6+00N	1	73	7	59	.2	22	13	557	3.94	14	5	ND	2	46	.2	2	2	71	.99	.032	6	40	.69	324	.13	2	2.03	.02	.08	1
7W 5+50N	1	42	6	63	.1	21	12	493	3.47	12	5	ND	1	33	.2	2	2	70	.52	.057	5	36	.53	258	.13	2	1.83	.01	.05	1
STANDARD C	18	57	36	132	7.1	70	31	1031	4.03	43	19	7	37	53	18.8	15	20	56	.51	.086	38	58	.93	180	.09	34	1.96	.05	.14	12

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp

DATE RECEIVED: JUN 22 1990 **DATE REPORT MAILED:** June 25/90 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
7W 5+00N	1	32	8	105	.2	17	11	590	2.79	8	5	ND	1	28	.2	2	2	54	.47	.101	4	23	.35	277	.10	3	1.88	.02	.05	1
7W 4+50N	1	32	10	76	.1	17	11	206	2.98	11	5	ND	1	20	.2	2	2	60	.29	.049	3	24	.40	160	.12	2	2.07	.02	.04	1
7W 3+50N	1	28	7	87	.2	15	11	376	2.96	6	5	ND	1	18	.2	2	2	57	.25	.110	3	21	.26	169	.10	3	1.83	.01	.04	1
7W 3+00N	1	33	6	97	.1	15	9	270	2.58	5	5	ND	1	39	.2	2	2	47	.82	.052	4	21	.37	217	.11	2	2.02	.02	.04	1
7W 2+50N	1	124	10	70	.4	28	10	652	2.96	6	5	ND	1	42	.2	2	2	48	.85	.030	11	26	.48	292	.12	2	2.82	.02	.05	1
7W 2+00N	1	41	5	55	.1	5	6	185	3.14	3	5	ND	1	22	.2	10	2	70	.32	.040	4	14	.18	226	.01	2	1.39	.01	.05	1
7W 1+50N	1	43	8	70	.2	13	11	424	3.02	3	5	ND	1	19	.2	2	2	57	.30	.073	4	18	.28	269	.04	2	1.78	.01	.04	1
7W 1+00N	1	19	7	52	.1	5	7	181	2.56	4	5	ND	1	11	.2	2	2	70	.15	.028	4	8	.17	270	.03	3	1.23	.01	.03	1
7W 0+00N	1	138	9	74	.3	26	17	695	3.97	12	5	ND	1	57	.2	4	2	82	1.03	.074	8	38	.86	311	.13	4	2.07	.02	.08	1
6W 12+50N	1	37	10	73	.1	20	13	336	3.64	4	5	ND	1	28	.2	2	2	76	.36	.066	4	34	.61	125	.15	5	1.73	.02	.09	1
6W 11+50N	1	51	6	80	.1	18	12	310	3.55	6	5	ND	1	33	.2	2	2	73	.42	.054	5	31	.61	190	.15	4	1.61	.02	.10	1
6W 10+50N	1	170	6	59	.1	22	14	296	4.12	9	5	ND	1	41	.2	3	2	80	.64	.063	6	38	.79	141	.13	9	1.75	.02	.13	1
6W 10+00N	1	70	7	60	.3	19	9	198	3.30	3	5	ND	1	35	.2	2	2	68	.50	.030	6	32	.52	188	.16	5	1.67	.02	.08	1
6W 9+50N	1	73	7	63	.3	24	11	441	3.21	9	5	ND	1	42	.2	2	2	65	.64	.044	10	36	.58	239	.13	5	1.80	.02	.09	1
6W 9+00N	1	39	4	62	.1	19	11	267	3.24	2	5	ND	1	33	.2	2	2	67	.42	.082	5	32	.54	165	.13	2	1.45	.01	.08	1
6W 8+50N	1	81	9	78	.3	28	13	751	3.35	4	5	ND	1	39	.2	2	2	66	.51	.046	9	37	.69	264	.12	4	1.78	.02	.08	1
6W 8+00N	1	63	8	65	.2	22	12	431	3.32	5	5	ND	1	41	.2	2	2	70	.50	.051	8	36	.61	228	.13	5	1.48	.02	.09	1
6W 7+50N	1	61	6	69	.3	23	12	600	3.28	2	5	ND	1	44	.2	2	2	67	.54	.050	9	35	.59	276	.13	7	1.65	.02	.08	1
6W 7+00N	1	44	7	64	.1	19	12	462	3.32	2	5	ND	1	37	.2	2	2	70	.47	.062	5	34	.56	175	.13	4	1.45	.01	.08	1
6W 6+50N	1	42	5	76	.1	19	12	552	3.24	3	5	ND	1	45	.2	2	3	70	.58	.072	5	34	.56	185	.13	4	1.42	.01	.08	1
6W 6+00N	1	37	7	61	.1	18	12	269	3.53	3	5	ND	1	38	.2	2	2	77	.48	.061	4	37	.58	131	.14	3	1.45	.01	.06	1
6W 5+50N	1	19	8	63	.1	9	6	286	2.08	2	5	ND	1	22	.2	2	3	37	.39	.072	3	15	.19	219	.10	2	1.63	.02	.04	1
6W 5+00N	1	9	10	73	.1	6	5	228	1.76	2	5	ND	1	9	.2	2	2	31	.11	.091	3	10	.09	114	.11	2	1.42	.02	.03	1
6W 4+50N	1	34	10	147	.1	14	9	253	2.52	5	5	ND	1	17	.2	2	2	43	.24	.071	3	17	.24	207	.13	2	2.56	.02	.05	1
6W 4+00N	1	33	9	75	.1	16	10	291	2.97	2	5	ND	1	30	.2	2	2	65	.36	.040	4	28	.46	187	.12	2	1.59	.01	.05	1
6W 3+00N	1	153	16	94	.1	21	18	273	5.65	12	5	ND	1	37	.2	4	2	96	.56	.062	5	35	.82	279	.07	3	1.98	.01	.09	1
6W 2+50N	1	37	10	98	.1	15	12	368	3.24	3	5	ND	1	30	.2	2	2	68	.36	.091	4	29	.44	199	.11	2	1.84	.01	.04	1
6W 2+00N	1	43	11	84	.1	16	11	327	3.11	2	5	ND	1	26	.2	2	2	58	.42	.126	5	24	.39	297	.11	3	2.47	.02	.06	1
6W 1+50N	1	62	24	92	.1	17	12	609	3.13	2	5	ND	1	38	.2	2	2	50	.78	.030	6	21	.44	573	.09	3	2.68	.02	.06	1
6W 1+00N	1	21	7	33	.1	3	5	89	2.77	3	5	ND	1	10	.2	2	2	56	.17	.032	4	6	.09	223	.01	2	1.26	.01	.06	1
6W 0+00N	1	38	12	57	.1	16	11	342	3.32	4	5	ND	1	29	.2	2	2	72	.37	.057	5	27	.49	211	.10	5	1.79	.01	.05	1
STANDARD C	18	59	38	131	7.1	70	31	1025	3.98	42	21	7	37	53	18.5	16	21	56	.51	.085	37	58	.92	179	.09	32	1.91	.05	.14	13

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GEOCHEMICAL ANALYSIS CERTIFICATE

Kamloops Research & Assay Lab. PROJECT G2260 File # 90-1919 Page 1

912 - 1 Laval Crescent, Kamloops BC V2C 5P5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
23W 0+50S	1	54	9	83	.2	18	11	688	3.25	7	5	ND	1	41	.2	2	2	70	.61	.100	5	31	.56	194	.11	2	1.73	.01	.10	1
23W 1+00S	1	62	6	69	.2	19	12	467	3.47	4	5	ND	1	44	.2	2	2	77	.63	.039	7	32	.59	206	.13	2	1.63	.02	.07	1
23W 1+50S	1	131	8	69	.3	23	12	446	3.64	10	5	ND	1	48	.2	3	2	75	.72	.023	13	31	.58	263	.13	2	2.20	.02	.07	1
23W 2+00S	1	78	7	87	.1	21	12	655	3.09	6	5	ND	1	35	.2	2	2	66	.64	.067	7	27	.55	228	.10	4	2.32	.02	.06	1
23W 2+50S	1	29	9	120	.1	19	11	582	2.81	2	5	ND	1	22	.2	2	2	47	.27	.179	4	23	.32	166	.14	3	2.05	.02	.05	1
23W 3+00S	1	31	9	81	.1	48	17	482	3.58	2	5	ND	1	42	.2	2	2	51	.31	.095	9	38	.67	108	.26	2	4.29	.02	.08	1
23W 3+50S	1	25	7	77	.2	49	17	552	4.45	2	6	ND	2	45	.2	3	2	37	.50	.053	16	36	.71	166	.25	4	4.16	.03	.09	1
23W 4+00S	1	37	7	66	.1	23	14	564	3.73	5	5	ND	1	46	.2	2	2	76	.59	.031	5	35	.63	141	.18	6	2.12	.02	.08	1
20W 0+50S	1	51	6	84	.1	24	13	353	4.27	16	5	ND	1	32	.2	2	2	93	.52	.092	4	41	.63	167	.12	6	2.17	.02	.05	1
20W 1+00S	1	50	10	82	.2	16	13	675	3.87	12	5	ND	1	23	.2	2	2	67	.43	.033	5	15	.39	219	.13	2	3.22	.02	.06	1
20W 1+50S	1	70	11	97	.2	21	14	943	4.47	13	5	ND	2	27	.2	3	2	84	.52	.137	4	22	.64	289	.11	4	3.24	.02	.08	1
20W 2+00S	1	85	5	71	.1	22	16	502	4.39	12	5	ND	1	52	.2	3	2	92	.77	.109	7	39	.82	235	.12	2	1.68	.01	.11	1
20W 2+50S	1	38	8	101	.1	65	21	482	5.33	3	5	ND	2	39	.2	3	2	62	.32	.118	9	34	.50	143	.24	2	4.69	.03	.07	1
20W 3+00S	1	32	9	113	.1	56	17	784	3.99	5	5	ND	2	28	.2	4	2	60	.27	.113	7	35	.45	183	.25	3	4.92	.02	.07	1
20W 3+50S	1	23	9	79	.1	52	12	303	3.60	3	5	ND	1	31	.2	2	2	60	.26	.053	5	46	.52	105	.40	4	2.81	.03	.04	1
20W 4+00S	1	39	6	74	.1	23	13	539	3.53	3	5	ND	1	38	.2	2	2	74	.44	.137	5	31	.53	188	.15	2	2.27	.02	.08	2
20W 4+50S	1	39	5	61	.3	27	14	713	3.37	3	5	ND	1	51	.2	3	2	70	.62	.066	7	39	.66	200	.18	2	2.28	.02	.08	1
20W 5+00S	1	47	4	63	.1	33	14	478	3.59	2	5	ND	1	45	.2	2	2	75	.50	.063	6	47	.73	163	.17	7	2.19	.02	.10	1
20W 5+50S	1	49	4	88	.1	28	15	716	3.78	10	5	ND	1	44	.2	3	2	72	.53	.113	6	36	.58	197	.16	3	2.37	.02	.10	1
20W 6+00S	1	90	5	89	.1	35	15	494	4.00	4	5	ND	1	54	.2	2	2	85	.65	.058	12	48	.90	269	.16	2	2.38	.02	.08	1
20W 6+50S	1	68	5	95	.2	31	14	717	3.69	7	5	ND	1	46	.2	2	2	76	.54	.055	11	40	.68	257	.15	2	2.26	.02	.09	1
20W 7+00S	1	84	11	94	.3	39	13	843	3.38	8	5	ND	2	48	.2	4	2	64	.61	.039	10	43	.72	354	.13	2	2.67	.02	.09	1
19W 0+50S	1	21	7	88	.1	13	11	1686	3.00	4	5	ND	1	22	.2	2	2	60	.36	.051	5	16	.29	149	.17	3	2.68	.02	.04	1
19W 1+00S	1	35	10	76	.1	21	12	507	3.24	8	5	ND	2	21	.2	2	2	58	.29	.028	4	19	.42	208	.16	2	3.64	.02	.06	1
19W 1+50S	1	89	11	66	.3	30	10	1971	3.37	2	5	ND	1	48	.2	2	2	63	.85	.033	12	32	.52	405	.09	2	3.54	.03	.06	1
19W 2+00S	1	37	13	64	.1	25	10	321	2.80	10	5	ND	1	23	.2	2	2	51	.27	.147	5	27	.38	257	.16	8	3.25	.02	.05	1
19W 2+50S	1	11	22	72	.1	19	10	615	2.35	2	5	ND	1	33	.2	2	2	28	.34	.236	4	22	.17	156	.15	7	1.99	.02	.06	1
19W 3+00S	2	25	14	85	.1	39	24	1103	3.22	2	5	ND	1	25	.2	2	2	49	.21	.106	13	36	.29	91	.27	2	3.74	.03	.05	1
19W 3+50S	1	28	11	152	.1	51	13	1299	4.25	4	5	ND	1	27	.2	2	2	70	.29	.140	5	46	.45	107	.24	2	4.00	.02	.07	1
19W 4+00S	1	39	10	108	.1	38	15	929	3.58	9	5	ND	1	39	.2	2	2	70	.49	.112	5	43	.62	212	.16	8	2.65	.02	.11	1
19W 4+50S	1	35	7	80	.1	26	12	465	3.59	10	5	ND	1	42	.2	2	2	74	.50	.091	5	40	.60	183	.16	7	2.18	.02	.10	1
19W 5+00S	1	39	9	76	.1	23	14	493	3.69	8	5	ND	1	47	.2	3	3	77	.52	.102	5	38	.64	180	.14	2	1.94	.01	.09	1
19W 5+50S	1	37	6	68	.1	22	12	941	3.47	7	5	ND	1	44	.2	3	2	75	.51	.062	5	37	.62	190	.14	5	1.87	.01	.08	1
19W 6+00S	1	31	5	57	.1	20	13	466	3.66	8	5	ND	1	47	.2	4	2	87	.51	.047	4	40	.65	152	.16	6	1.62	.01	.08	1
19W 6+50S	1	33	6	48	.1	19	10	208	3.25	8	5	ND	1	43	.2	3	2	75	.49	.063	4	35	.53	142	.14	7	1.52	.01	.08	1
19W 7+00S	1	36	7	66	.2	23	12	523	3.17	2	5	ND	1	38	.2	2	2	64	.43	.103	5	33	.49	197	.12	2	1.97	.01	.08	1
STANDARD C	18	57	41	132	7.3	71	31	1034	4.01	42	18	6	36	52	18.8	15	19	56	.51	.087	37	58	.93	179	.09	34	1.94	.06	.14	11

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp

DATE RECEIVED: JUN 21 1990 **DATE REPORT MAILED:** June 26/90 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
18W 0+50S	1	55	9	116	.3	28	15	1294	3.78	9	5	ND	2	28	.2	3	2	77	.47	.170	6	33	.55	259	.11	5	2.28	.01	.06	1
18W 1+00S	1	43	8	53	.1	111	15	254	2.57	3	5	ND	1	31	.2	3	2	27	.58	.061	2	85	2.14	120	.13	6	2.05	.04	.05	1
18W 1+50S	1	28	12	93	.3	15	7	267	2.88	3	5	ND	2	13	.2	2	2	52	.20	.225	5	23	.21	141	.14	7	3.32	.02	.04	1
18W 2+00S	1	59	9	77	.1	51	15	299	4.51	5	5	ND	2	27	.2	2	2	86	.28	.113	9	65	.80	144	.24	5	3.75	.02	.05	1
18W 2+50S	1	37	10	113	.1	71	19	617	4.75	2	5	ND	2	26	.2	2	2	74	.33	.132	6	62	.55	118	.30	6	4.21	.02	.06	1
18W 3+00S	1	35	7	89	.1	28	13	712	3.59	2	5	ND	2	35	.2	2	2	66	.42	.184	5	33	.54	153	.16	5	2.39	.02	.07	1
18W 3+50S	1	49	6	62	.1	27	13	422	3.65	2	5	ND	1	44	.2	2	2	80	.51	.094	6	36	.64	188	.15	7	1.93	.02	.08	1
18W 4+00S	1	43	5	68	.1	27	14	488	3.47	6	5	ND	1	39	.2	2	2	72	.45	.137	5	38	.59	190	.14	5	2.02	.01	.08	1
18W 4+50S	1	53	7	95	.1	29	14	732	3.49	2	5	ND	1	40	.2	2	2	73	.52	.122	6	40	.62	198	.13	6	2.14	.02	.07	1
18W 5+00S	1	37	5	73	.1	25	14	748	3.58	2	5	ND	1	37	.2	2	2	79	.48	.107	5	38	.63	147	.14	5	1.98	.02	.08	1
18W 5+50S	1	24	6	57	.1	19	11	465	3.39	9	5	ND	1	33	.2	2	2	80	.40	.066	4	37	.50	91	.16	5	1.33	.01	.07	1
18W 6+00S	1	47	6	60	.1	22	13	396	3.59	5	5	ND	1	39	.2	2	2	82	.48	.096	5	37	.59	157	.13	5	1.57	.01	.08	1
18W 6+50S	1	59	8	133	.6	20	16	872	3.69	7	5	ND	1	22	.2	2	9	57	.25	.186	4	26	.30	187	.12	4	2.28	.02	.05	3
18W 7+00S	1	38	10	67	.1	20	11	298	3.41	2	5	ND	1	27	.2	2	2	79	.33	.084	4	33	.53	96	.12	5	1.74	.01	.05	1
17W 0+50S	1	40	21	95	.1	19	12	1221	3.99	2	5	ND	2	12	.2	2	2	69	.19	.147	6	20	.34	264	.11	6	2.91	.01	.05	1
17W 1+00S	1	38	7	94	.1	17	10	373	3.00	4	5	ND	1	21	.2	2	2	61	.29	.113	4	25	.39	181	.11	7	1.95	.02	.06	1
17W 1+50S	1	48	9	80	.1	82	22	1389	5.19	4	5	ND	1	61	.2	2	2	80	.65	.094	9	73	.68	380	.28	6	3.65	.03	.08	1
17W 2+00S	1	53	10	77	.1	73	19	353	4.83	2	5	ND	1	58	.2	3	2	107	.64	.056	9	93	1.55	183	.33	5	3.24	.02	.04	1
17W 2+50S	1	33	9	78	.1	22	14	951	3.96	4	5	ND	2	31	.2	3	2	95	.44	.091	5	41	.66	146	.20	6	2.24	.02	.07	1
STANDARD C	18	58	38	131	7.0	71	31	1023	4.02	39	17	7	37	52	18.9	15	20	57	.51	.087	37	59	.93	181	.09	35	1.93	.06	.14	11

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Kamloops Research & Assay Lab. PROJECT G2257 File # 90-1817 Page 1

912 - 1 Laval Crescent, Kamloops BC V2C 5P5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
24W 6+50N	1	37	11	123	.2	19	14	1199	3.00	5	5	ND	1	37	.8	2	2	67	.67	.062	5	28	.50	232	.11	4	1.66	.01	.14	1
24W 6+00N	1	44	5	108	.1	17	14	781	3.43	4	5	ND	1	34	.8	2	2	81	.57	.067	5	32	.59	171	.14	2	1.55	.01	.11	1
24W 5+50N	1	37	6	96	.2	17	15	685	3.22	8	5	ND	1	28	.5	2	2	77	.46	.054	4	29	.51	139	.11	4	1.49	.01	.07	2
24W 5+00N	1	56	10	86	.2	18	13	455	3.23	6	5	ND	1	37	1.1	2	2	74	.67	.042	6	29	.53	231	.10	4	1.95	.01	.06	1
24W 4+50N	1	34	10	93	.2	16	15	551	3.37	8	5	ND	1	28	.8	2	2	82	.48	.073	4	31	.49	124	.12	3	1.59	.01	.09	1
24W 4+00N	1	59	4	78	.1	17	15	369	3.67	6	5	ND	1	34	1.4	2	2	88	.67	.044	6	32	.49	198	.10	2	1.90	.01	.05	1
24W 3+50N	1	43	7	78	.3	19	14	694	3.47	9	5	ND	1	32	.9	2	2	85	.50	.081	5	31	.50	162	.12	2	1.59	.01	.08	1
24W 3+00N	1	40	3	74	.3	18	12	613	3.22	6	5	ND	1	34	1.3	2	2	80	.58	.050	6	32	.49	182	.13	5	1.64	.01	.10	2
24W 2+50N	1	38	9	70	.1	17	13	624	3.09	6	5	ND	1	36	.4	2	2	76	.56	.094	5	28	.49	191	.12	2	1.39	.01	.09	1
24W 2+00N	1	32	9	63	.1	15	12	375	3.09	5	5	ND	1	31	.9	2	2	81	.44	.076	4	31	.50	136	.14	3	1.36	.01	.08	1
24W 1+50N	1	44	5	85	.2	17	13	574	3.22	5	5	ND	1	30	.8	2	3	77	.46	.105	5	30	.50	203	.12	2	1.81	.01	.08	1
24W 1+00N	1	90	17	72	.3	19	13	628	3.42	8	5	ND	1	38	1.1	2	2	82	1.14	.048	8	31	.50	365	.11	5	1.87	.01	.08	1
24W 0+50N	1	50	13	83	.1	17	12	378	3.16	6	5	ND	1	27	.8	2	3	71	.49	.148	5	28	.48	268	.11	2	2.18	.01	.07	1
24W 0+00N	1	81	9	66	.3	18	14	344	3.34	8	5	ND	1	27	.4	2	2	79	.47	.094	6	26	.48	298	.10	3	1.89	.01	.09	2
24W 0+50S	1	89	2	52	.3	19	12	327	3.22	4	5	ND	1	34	.4	2	2	83	.52	.077	5	27	.51	230	.12	4	1.81	.01	.07	2
24W 1+50S	1	30	7	55	.2	13	10	234	3.04	3	5	ND	1	35	.6	2	2	83	.52	.063	4	31	.50	99	.14	4	1.36	.01	.07	1
24W 2+00S	1	47	6	67	.1	15	12	558	3.38	6	5	ND	1	29	.8	2	2	90	.44	.137	3	28	.47	134	.11	3	1.84	.01	.06	1
24W 2+50S	1	82	14	76	.3	19	14	491	3.17	10	5	ND	1	22	.5	2	2	76	.30	.113	4	25	.46	174	.11	4	2.01	.01	.05	2
24W 3+00S	1	15	7	66	.1	18	8	826	1.92	4	5	ND	2	14	.3	2	2	37	.17	.205	3	18	.18	84	.18	2	1.95	.01	.05	2
24W 3+50S	1	31	14	171	.1	47	16	2153	2.74	8	5	ND	2	52	.9	2	2	30	.64	.205	7	21	.49	306	.16	4	4.30	.01	.16	1
24W 4+00S	1	32	13	71	.1	40	16	853	4.95	2	5	ND	2	68	.8	2	2	46	.57	.145	14	41	.55	189	.40	2	4.70	.02	.16	1
24W 4+50S	1	38	7	37	.1	12	9	288	2.75	5	5	ND	1	31	.5	2	2	75	.39	.075	3	23	.37	160	.13	3	1.56	.01	.07	2
22W 0+50S	1	132	13	77	.1	17	11	736	3.16	6	5	ND	2	18	.4	2	2	75	.31	.159	3	24	.42	172	.12	5	2.74	.01	.07	2
22W 1+00S	1	43	14	55	.1	17	12	299	3.12	9	5	ND	1	37	.5	3	4	88	.46	.057	5	34	.57	107	.14	3	1.44	.01	.07	1
22W 1+50S	1	38	10	57	.2	11	11	217	2.95	4	5	ND	1	30	.4	2	2	79	.40	.058	4	27	.45	141	.12	3	1.47	.01	.06	1
22W 2+00S	1	26	10	94	.2	11	10	333	2.64	5	5	ND	1	29	.2	2	3	68	.38	.070	4	23	.39	127	.11	2	1.52	.01	.07	1
22W 2+50S	1	30	6	87	.1	14	12	468	3.00	2	5	ND	1	29	.2	2	2	72	.37	.135	4	29	.46	108	.12	2	1.89	.01	.06	2
22W 3+00S	1	36	8	74	.1	17	12	572	3.01	7	5	ND	1	30	.2	2	4	76	.39	.149	4	27	.48	126	.12	2	1.78	.01	.06	1
22W 3+50S	1	31	5	108	.1	49	14	840	2.93	4	5	ND	2	23	.8	2	2	50	.21	.117	10	34	.42	130	.25	4	4.23	.02	.06	2
22W 4+00S	1	31	10	58	.1	14	12	390	2.90	4	5	ND	1	37	.2	2	2	75	.46	.070	4	26	.47	146	.15	2	1.48	.01	.08	1
22W 4+50S	1	37	14	88	.1	17	12	519	2.90	2	5	ND	1	32	.2	2	2	65	.42	.106	5	25	.46	152	.14	2	2.05	.01	.08	2
22W 5+00S	1	33	5	71	.2	16	11	428	2.96	7	5	ND	1	32	.2	2	2	74	.44	.063	4	26	.46	190	.14	3	1.65	.01	.07	3
22W 5+50S	1	33	2	70	.1	15	12	415	3.14	8	5	ND	1	31	.2	2	2	77	.42	.093	4	27	.44	155	.13	2	1.83	.01	.06	2
22W 6+00S	1	99	3	53	.2	23	17	433	4.29	7	5	ND	1	33	.5	3	2	99	.55	.064	10	33	.59	263	.09	2	1.98	.01	.07	1
22W 6+50S	1	37	8	66	.1	22	13	464	3.10	2	5	ND	1	29	.2	2	2	68	.39	.154	5	26	.42	157	.13	2	2.22	.01	.06	1
22W 7+00S	1	34	11	65	.1	19	13	641	3.23	5	5	ND	1	28	.2	3	2	76	.39	.120	4	31	.42	141	.14	4	1.79	.01	.08	2
STANDARD C	18	57	42	136	7.3	67	31	1063	3.79	39	18	8	37	47	18.6	15	22	59	.49	.099	37	57	.83	173	.09	32	1.86	.06	.14	13

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp

DATE RECEIVED: JUN 18 1990 **DATE REPORT MAILED:** June 19/90 **SIGNED BY** C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
21W 0+50S	1	66	14	74	.2	16	12	841	3.87	7	5	ND	1	28	.2	2	5	92	.46	.052	4	27	.55	270	.12	5	2.52	.01	.08	1
21W 1+00S	1	48	7	63	.1	14	13	501	3.54	10	5	ND	1	27	.2	2	2	89	.44	.066	4	30	.54	142	.13	5	1.83	.01	.08	1
21W 1+50S	1	85	16	90	.2	16	13	565	3.32	12	5	ND	1	24	.5	2	2	80	.36	.140	5	26	.48	243	.10	6	1.76	.01	.07	1
21W 2+00S	1	52	10	75	.3	14	11	265	2.55	3	5	ND	1	22	.2	2	2	60	.42	.089	4	21	.36	197	.10	5	1.82	.01	.07	1
21W 2+50S	1	45	5	72	.2	18	10	828	2.49	7	5	ND	1	24	.2	2	2	53	.41	.146	4	21	.32	207	.12	5	1.80	.01	.06	1
21W 3+00S	1	38	2	55	.1	22	12	312	2.87	6	5	ND	1	24	.2	2	2	66	.29	.059	4	24	.43	160	.13	5	2.02	.01	.06	2
21W 3+50S	1	33	3	47	.1	30	12	509	2.68	2	5	ND	1	32	.2	2	2	56	.39	.077	6	24	.38	136	.16	5	2.30	.01	.05	1
21W 4+00S	1	42	13	94	.1	75	19	515	3.65	2	5	ND	2	29	.3	2	2	53	.28	.126	6	45	.52	136	.30	6	4.97	.01	.06	1
21W 4+50S	1	54	3	60	.1	20	13	446	3.30	6	5	ND	1	30	.5	2	2	76	.44	.138	5	30	.49	133	.13	4	1.96	.01	.07	1
21W 5+00S	2	173	2	40	.2	19	16	209	3.61	6	5	ND	1	34	.2	2	2	84	.48	.065	4	35	.58	125	.12	6	1.79	.01	.05	2
21W 5+50S	1	124	4	69	.2	39	15	277	3.64	6	5	ND	2	30	.3	2	3	61	.52	.189	5	41	.58	299	.13	5	3.35	.01	.10	2
21W 6+00S	1	41	7	30	.2	13	7	133	2.10	5	5	ND	1	17	.2	2	2	52	.29	.044	2	22	.20	182	.12	6	1.40	.01	.06	1
21W 6+50S	1	113	2	57	.2	20	11	250	2.76	7	5	ND	1	22	.2	2	2	63	.29	.075	4	30	.37	161	.12	5	1.77	.01	.05	1
21W 7+00S	1	86	4	69	.2	20	9	174	2.64	3	5	ND	1	30	.2	2	2	59	.48	.094	6	28	.41	179	.10	5	1.91	.01	.06	1
11W 9+00N	1	31	2	58	.3	14	10	425	2.69	5	5	ND	1	27	.2	2	2	64	.46	.077	3	22	.31	188	.10	6	1.65	.01	.10	1
11W 8+50N	1	28	2	68	.2	17	10	394	2.95	5	5	ND	1	32	.3	2	2	75	.41	.032	3	32	.50	126	.15	8	1.34	.01	.11	1
11W 8+00N	1	35	2	58	.1	17	11	381	3.10	7	5	ND	1	32	.2	2	2	77	.43	.034	5	33	.52	146	.15	6	1.37	.01	.11	2
11W 7+50N	1	28	3	64	.1	17	11	559	3.09	3	5	ND	1	30	.2	2	3	75	.43	.062	4	30	.45	171	.14	4	1.53	.01	.10	1
11W 7+00N	1	47	8	65	.1	17	11	287	3.74	8	5	ND	1	37	.2	2	2	96	.49	.056	4	34	.57	205	.16	4	1.59	.01	.09	1
11W 6+50N	1	45	10	80	.1	17	10	401	3.00	5	5	ND	1	25	.2	2	2	75	.45	.114	4	28	.40	160	.11	4	1.55	.01	.09	1
11W 6+00N	1	48	8	73	.1	15	11	407	3.58	7	5	ND	1	30	.2	3	2	96	.45	.070	4	31	.52	142	.15	6	1.34	.01	.10	1
11W 5+50N	1	45	6	63	.2	15	11	383	3.05	4	5	ND	1	24	.2	2	2	78	.35	.070	4	26	.42	144	.10	6	1.56	.01	.06	4
11W 5+00N	1	71	4	57	.2	18	10	327	3.20	6	5	ND	1	34	.2	2	2	78	.61	.039	7	30	.47	234	.12	5	1.76	.01	.08	1
11W 4+50N	1	46	2	57	.1	16	10	423	2.95	6	5	ND	1	25	.3	2	2	76	.39	.065	6	25	.42	187	.11	4	1.37	.01	.07	1
11W 4+00N	1	66	16	66	.1	19	13	506	3.55	8	5	ND	1	34	.2	3	2	84	.65	.050	6	34	.58	181	.12	5	1.62	.01	.08	1
11W 3+50N	1	74	2	56	.1	24	10	631	3.12	3	5	ND	1	37	.2	2	2	70	.79	.028	6	29	.49	221	.11	5	1.94	.01	.07	1
11W 3+00N	1	68	6	77	.2	17	11	361	3.11	4	5	ND	1	38	.2	5	2	68	.95	.026	6	32	.53	164	.11	4	1.91	.01	.06	1
11W 2+50N	1	126	2	75	.4	28	9	624	3.28	4	5	ND	2	36	.2	3	2	63	.81	.032	10	29	.51	262	.13	3	2.53	.02	.07	1
11W 2+00N	1	130	8	83	.2	30	14	579	4.46	9	5	ND	2	47	.2	5	2	92	.99	.096	10	42	.90	206	.14	3	2.00	.02	.10	1
11W 1+50N	1	55	2	60	.1	17	13	405	3.74	5	5	ND	1	42	.2	2	2	94	.62	.064	7	41	.76	133	.17	3	1.36	.01	.08	1
11W 1+00N	1	28	6	76	.1	13	9	263	2.60	2	5	ND	1	24	.2	2	2	67	.34	.069	4	25	.42	135	.11	3	1.44	.01	.07	1
11W 0+50N	1	51	12	67	.3	20	11	282	3.01	4	5	ND	1	32	.2	2	2	75	.56	.028	6	32	.56	183	.13	4	1.76	.01	.07	1
11W 0+00N	1	96	5	62	.3	17	7	238	2.14	11	5	ND	1	24	.2	2	2	42	.54	.036	4	17	.22	153	.11	2	2.27	.02	.03	1
10W 9+00N	1	37	8	76	.1	20	10	353	3.40	7	5	ND	2	32	.2	2	2	80	.47	.066	6	32	.50	190	.15	4	1.79	.01	.08	4
10W 8+50N	1	71	4	81	.1	24	12	561	3.49	3	5	ND	1	34	.2	2	2	79	.52	.064	11	32	.50	268	.14	3	1.89	.01	.09	1
10W 8+00N	1	50	2	69	.2	24	11	466	3.40	10	5	ND	2	35	.2	2	2	81	.52	.063	9	32	.53	198	.16	4	1.74	.02	.11	1
STANDARD C	18	58	42	136	7.2	69	31	1061	3.84	40	17	8	36	45	18.4	14	20	58	.50	.097	37	56	.83	173	.09	33	1.84	.06	.14	12

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
10W 7+50N	1	43	2	78	.1	20	12	503	3.76	7	5	ND	1	38	.3	2	2	98	.60	.070	6	37	.56	173	.19	5	1.80	.01	.10	2
10W 7+00N	1	32	2	73	.2	18	12	388	3.70	8	5	ND	1	36	.2	2	2	96	.57	.041	6	36	.52	165	.20	4	1.94	.01	.12	1
10W 6+50N	1	114	6	81	.1	24	14	573	3.69	4	5	ND	1	51	.2	2	2	77	1.30	.030	11	33	.61	319	.14	6	2.59	.02	.08	1
10W 6+00N	1	32	2	61	.1	16	12	318	3.77	8	5	ND	1	30	1.1	2	2	101	.41	.033	5	36	.50	134	.19	5	1.84	.01	.10	1
10W 5+50N	1	137	4	67	.3	27	13	487	3.97	6	5	ND	1	48	.2	2	2	82	1.01	.026	9	44	.62	248	.16	3	2.97	.02	.07	1
10W 5+00N	1	39	7	68	.2	15	12	425	3.11	2	5	ND	1	39	.3	2	3	84	.55	.092	5	33	.50	173	.14	4	1.77	.01	.08	1
10W 4+50N	1	39	2	57	.1	19	10	272	3.14	7	5	ND	1	44	.4	2	4	88	.67	.063	6	38	.52	171	.17	6	1.63	.01	.06	1
10W 4+00N	1	38	5	68	.3	17	13	276	3.12	4	5	ND	1	39	.2	2	3	79	.54	.046	5	34	.50	154	.16	5	2.11	.01	.06	1
10W 3+50N	1	54	12	62	.1	24	12	399	3.57	4	5	ND	1	42	1.0	2	2	75	.87	.027	6	35	.53	221	.16	3	3.05	.02	.07	1
10W 3+00N	1	58	7	68	.3	20	12	242	3.13	7	5	ND	1	40	.8	2	2	79	.66	.058	5	31	.51	206	.12	2	2.20	.01	.06	1
10W 2+50N	1	69	8	68	.2	26	13	349	3.93	8	5	ND	1	46	.4	2	2	91	.82	.031	8	40	.66	212	.17	16	2.73	.02	.08	1
10W 2+00N	1	149	5	67	.6	24	15	1088	3.46	2	5	ND	1	55	.9	2	2	68	1.27	.037	8	33	.63	222	.15	2	2.77	.02	.07	1
10W 1+50N	1	58	2	61	.2	22	14	420	3.43	5	5	ND	1	50	.5	2	2	85	.76	.052	6	42	.71	164	.16	7	2.20	.01	.09	1
10W 1+00N	1	107	4	75	.4	28	17	824	4.18	8	5	ND	1	59	.9	4	3	90	1.11	.046	7	54	.95	201	.17	4	2.53	.01	.09	1
10W 0+50N	1	101	18	69	.3	14	9	663	2.74	8	5	ND	1	45	1.0	2	2	55	1.05	.017	7	26	.40	203	.14	3	2.81	.02	.05	1
10W 0+00N	1	180	5	73	.6	26	16	929	3.83	13	5	ND	1	51	.6	2	2	83	1.03	.057	8	42	.70	250	.15	20	2.60	.02	.10	1
9W 10+50N	1	28	9	65	.1	16	13	467	3.10	7	5	ND	1	38	.4	2	2	78	.55	.056	5	33	.52	167	.16	6	1.80	.01	.14	1
9W 10+00N	1	28	5	54	.1	16	12	351	3.04	4	5	ND	1	38	.3	2	2	76	.51	.076	6	35	.52	173	.16	5	1.63	.01	.10	1
9W 9+00N	1	77	3	58	.3	20	13	353	3.64	9	5	ND	1	56	1.3	2	2	93	.75	.042	8	37	.73	155	.19	4	1.97	.01	.09	2
9W 8+50N	1	59	2	47	.2	20	14	568	3.63	8	5	ND	1	42	.8	2	2	71	.86	.057	7	35	.54	234	.15	4	2.26	.01	.11	1
9W 8+00N	1	22	2	52	.1	13	9	380	2.64	2	5	ND	1	34	.6	2	2	66	.48	.039	4	26	.37	131	.15	3	1.60	.01	.07	1
9W 7+50N	1	37	3	58	.1	17	13	634	3.15	6	5	ND	1	43	1.0	2	2	87	.60	.049	5	35	.50	170	.16	4	1.59	.01	.09	1
9W 7+00N	1	29	10	58	.1	17	12	421	3.24	8	5	ND	1	35	.8	2	3	89	.45	.071	5	30	.48	149	.17	15	1.62	.01	.09	1
9W 6+50N	1	54	2	84	.1	19	13	498	3.32	9	5	ND	1	43	.3	2	2	81	.59	.144	6	30	.53	228	.14	7	2.04	.01	.10	1
9W 6+00N	1	27	2	50	.1	16	11	281	3.03	5	5	ND	1	52	.4	2	2	85	.63	.054	5	41	.61	94	.19	8	1.44	.01	.10	1
9W 5+50N	1	32	3	57	.2	16	11	311	3.10	4	5	ND	1	40	.5	2	2	86	.57	.050	5	35	.48	139	.17	2	1.48	.01	.09	2
9W 5+00N	1	36	10	59	.2	16	11	270	3.23	8	5	ND	1	39	.2	2	2	86	.55	.089	5	36	.49	144	.15	5	1.64	.01	.08	1
9W 4+50N	1	32	8	58	.1	20	12	274	3.12	8	5	ND	1	35	.3	2	2	82	.50	.073	5	38	.51	145	.16	2	1.44	.01	.07	1
9W 4+00N	1	50	9	59	.1	20	14	359	3.58	11	5	ND	1	40	.2	2	3	93	.57	.115	6	37	.65	104	.16	4	1.56	.01	.08	1
9W 3+50N	1	199	17	91	.6	41	15	555	4.68	7	5	ND	2	55	1.4	2	2	82	1.15	.046	13	51	.76	418	.12	4	4.21	.02	.12	1
9W 3+00N	1	31	13	84	.1	19	12	293	3.00	5	5	ND	1	26	1.0	2	2	74	.31	.156	4	28	.41	167	.12	5	1.89	.01	.06	1
9W 2+50N	1	56	4	79	.2	20	13	744	2.87	5	5	ND	1	40	.4	2	2	73	.69	.050	7	34	.54	239	.13	3	1.88	.01	.08	1
9W 2+00N	1	58	2	77	.2	21	12	559	3.17	9	5	ND	1	33	.6	2	2	74	.53	.081	7	33	.46	265	.12	4	2.25	.01	.10	1
9W 1+50N	1	187	5	89	.5	25	11	718	3.18	4	5	ND	1	53	1.6	2	2	56	1.34	.039	9	29	.58	261	.12	6	2.83	.02	.06	1
9W 1+00N	1	46	8	72	.2	17	11	261	3.09	6	5	ND	1	30	.8	2	2	74	.54	.051	5	27	.44	180	.13	3	2.45	.01	.04	1
9W 0+00N	1	178	15	76	.8	24	12	822	3.42	12	5	ND	1	49	1.0	3	5	62	1.27	.034	9	30	.54	251	.12	8	3.19	.02	.06	1
STANDARD C	18	58	40	138	7.1	68	31	1050	3.75	40	18	7	36	45	20.1	15	21	58	.49	.097	36	56	.82	172	.09	34	1.85	.06	.14	11

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
8W 9+50N	1	249	2	76	.5	27	12	711	3.04	2	5	ND	1	59	.2	2	2	55	3.54	.066	8	31	.56	358	.10	5	2.09	.02	.08	1
8W 9+00N	1	50	2	46	.1	16	11	238	3.45	2	5	ND	1	37	.2	2	2	90	.45	.083	4	33	.50	119	.14	2	1.32	.01	.05	1
8W 8+50N	1	38	2	54	.1	15	11	268	3.13	5	5	ND	2	40	.2	2	2	84	.47	.070	5	36	.53	126	.16	8	1.55	.01	.08	1
8W 8+00N	1	52	8	59	.1	18	12	322	3.37	4	5	ND	1	42	.2	2	2	93	.53	.061	5	37	.58	146	.15	14	1.50	.01	.07	1
8W 7+50N	1	57	8	55	.3	22	12	309	3.62	8	5	ND	2	38	.2	2	2	97	.57	.065	5	41	.62	144	.17	8	1.47	.01	.06	1
8W 7+00N	1	40	15	62	.1	20	11	322	3.04	4	5	ND	1	34	.2	2	2	81	.49	.074	5	33	.44	168	.14	5	1.57	.01	.08	1
8W 6+50N	1	34	6	51	.1	17	11	273	3.00	5	5	ND	1	35	.2	2	2	82	.48	.088	4	33	.47	118	.14	6	1.41	.01	.08	1
8W 6+00N	1	50	10	54	.1	19	10	246	3.57	9	5	ND	1	30	.2	2	2	91	.42	.096	4	36	.52	113	.13	6	1.47	.01	.06	1
8W 5+50N	1	135	5	72	.4	33	12	1084	4.03	3	5	ND	2	41	.2	2	2	73	.78	.041	8	39	.60	428	.13	8	2.83	.02	.10	1
8W 5+00N	1	51	2	62	.2	21	12	346	3.54	4	5	ND	1	41	.2	2	4	93	.56	.061	6	41	.52	201	.16	7	1.57	.01	.06	1
8W 4+50N	1	58	9	87	.1	22	13	675	3.35	4	5	ND	2	31	.2	2	2	78	.46	.125	5	33	.52	224	.13	6	1.92	.01	.11	1
8W 4+00N	1	49	5	83	.1	23	14	738	3.21	5	5	ND	1	42	.2	2	2	80	.55	.123	5	35	.54	222	.13	2	1.84	.01	.07	2
8W 3+50N	1	56	4	80	.2	19	12	660	2.75	7	5	ND	1	35	.2	2	2	68	.51	.086	5	27	.40	229	.10	2	1.65	.01	.07	1
8W 3+00N	1	44	5	62	.2	15	12	298	3.19	7	5	ND	1	31	.2	2	2	83	.37	.105	5	31	.47	134	.13	3	1.67	.01	.05	1
8W 2+50N	1	37	2	60	.1	17	10	419	2.68	6	5	ND	1	37	.3	2	2	75	.45	.058	5	29	.48	137	.13	2	1.38	.01	.06	1
8W 2+00N	1	38	7	71	.1	16	10	691	2.83	4	5	ND	1	38	.2	3	2	77	.52	.090	6	30	.47	183	.12	3	1.45	.01	.07	1
8W 1+50N	1	50	2	62	.2	21	12	474	3.36	5	5	ND	1	44	.2	2	2	86	.59	.070	6	38	.66	145	.16	3	1.56	.01	.07	1
8W 1+00N	1	42	2	75	.2	20	11	716	3.05	2	5	ND	1	45	.2	2	2	83	.62	.068	6	32	.52	192	.14	3	1.79	.01	.08	1
8W 0+50N	1	35	4	58	.2	17	11	423	3.11	3	5	ND	1	45	.2	2	2	84	.63	.077	5	37	.54	158	.14	3	1.61	.01	.10	1
8W 0+00N	1	47	2	66	.2	19	12	464	3.37	4	5	ND	1	42	.2	3	2	89	.59	.069	6	38	.57	160	.16	2	1.95	.01	.06	1
STANDARD C	18	59	36	135	7.3	67	30	1058	3.87	39	16	8	37	47	18.6	16	20	59	.51	.097	37	55	.84	173	.09	33	1.89	.06	.14	12

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Kamloops Research & Assay Lab. PROJECT G2255 File # 90-1739

912 - 1 Laval Crescent, Kamloops BC V2C 5P5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
27W 6+00N	1	118	11	56	.4	27	14	814	4.20	13	5	ND	1	53	.2	2	3	90	1.10	.041	11	35	.68	357	.17	8	2.73	.02	.11	5
27W 5+50N	1	39	4	48	.3	18	11	276	3.13	8	5	ND	1	37	.2	2	2	76	.54	.052	5	26	.43	177	.15	6	1.94	.01	.07	2
27W 5+00N	1	120	14	63	.5	18	11	472	4.00	4	5	ND	1	45	.7	3	2	76	.56	.073	8	29	.63	257	.13	4	1.91	.02	.15	3
27W 4+50N	1	71	13	47	.2	14	9	311	3.38	6	5	ND	1	41	.5	2	2	69	.43	.054	5	25	.49	155	.15	7	1.37	.02	.12	1
27W 4+00N	1	69	11	41	.2	13	8	247	3.08	8	5	ND	1	40	.4	2	2	65	.40	.047	7	20	.44	170	.13	7	1.33	.02	.11	1
27W 3+50N	1	50	7	42	.2	13	8	156	3.21	7	5	ND	1	36	.2	2	2	66	.38	.069	4	22	.42	149	.13	5	1.26	.02	.10	2
27W 3+00N	1	123	7	48	.4	17	10	342	4.21	8	5	ND	1	41	.2	3	2	75	.56	.070	8	27	.63	179	.13	3	1.70	.02	.18	3
27W 2+50N	17	51	11	61	.3	14	9	526	3.02	7	5	ND	1	31	.2	2	2	59	.35	.110	4	20	.43	166	.11	7	1.57	.01	.12	1
27W 2+00N	1	58	2	46	.3	14	7	356	2.97	4	5	ND	1	33	.2	2	2	58	.42	.062	5	19	.43	212	.12	8	1.54	.02	.10	2
25W 6+50N	1	118	18	96	.7	20	13	516	4.84	10	5	ND	1	48	.4	6	2	90	.66	.039	8	39	.80	203	.15	7	2.03	.02	.17	1
25W 6+00N	1	55	6	55	.4	14	10	399	3.27	7	5	ND	1	42	.2	2	3	65	.50	.063	5	21	.47	168	.13	9	1.55	.02	.15	1
25W 5+50N	1	42	11	59	.4	15	9	316	3.24	6	5	ND	1	41	.2	2	2	64	.48	.093	5	22	.47	150	.12	8	1.54	.02	.16	3
25W 5+00N	1	43	5	72	.5	15	10	399	3.19	7	5	ND	1	32	.2	2	2	67	.37	.065	4	25	.46	153	.12	7	1.65	.02	.09	3
25W 4+50N	1	40	5	65	.1	14	8	311	3.02	5	5	ND	1	25	.2	2	2	59	.28	.105	3	19	.38	152	.11	7	1.68	.02	.12	1
25W 4+00N	1	69	18	41	.2	15	9	288	3.31	3	5	ND	1	34	.2	2	2	60	.42	.042	6	21	.44	240	.12	5	1.83	.02	.10	3
25W 3+50N	1	215	20	63	.5	17	8	226	3.40	7	5	ND	1	33	.2	4	2	67	.78	.070	8	20	.50	324	.11	7	1.89	.03	.07	2
25W 3+00N	1	708	8	52	1.0	19	14	319	7.51	10	5	3	2	31	.2	9	2	177	.96	.057	7	37	1.05	319	.17	7	2.64	.02	.12	2
25W 2+50N	1	381	24	86	1.1	19	11	580	4.44	7	5	ND	1	43	.2	5	2	83	.95	.040	10	30	.74	403	.15	5	2.06	.03	.11	1
25W 2+00N	1	183	16	48	.3	20	14	380	4.54	8	5	ND	1	44	.2	2	2	104	1.23	.029	13	31	.76	357	.18	9	2.81	.02	.07	1
25W 1+50N	1	228	8	41	.4	17	12	726	3.83	10	5	ND	1	43	.2	2	4	81	1.17	.027	6	25	.67	462	.16	10	2.70	.03	.07	2
25W 1+00N	1	217	17	63	.6	16	13	448	4.63	14	5	ND	1	47	.2	2	2	112	.99	.039	13	29	.85	379	.13	10	2.72	.01	.08	1
25W 0+50N	1	482	19	78	.5	15	15	600	4.45	9	5	ND	1	44	.3	2	3	110	1.22	.053	9	28	.74	419	.14	9	2.45	.02	.07	1
STANDARD C	17	59	37	133	7.4	68	31	1047	3.85	39	16	7	36	47	18.6	14	18	58	.51	.096	36	53	.89	174	.09	32	2.02	.06	.14	11

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp

DATE RECEIVED: JUN 13 1990 **DATE REPORT MAILED:** June 15/90 **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Kamloops Research & Assay Lab. PROJECT G2253 File # 90-1738 Page 1

912 - 1 Laval Crescent, Kamloops BC V2C 5P5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
17W 7+00N	1	31	9	42	.1	16	11	388	2.91	4	5	ND	1	28	.3	2	2	71	.36	.049	5	30	.51	143	.12	5	1.26	.01	.09	1
17W 6+50N	1	29	8	44	.3	14	11	283	3.06	7	5	ND	1	29	.2	2	4	79	.38	.053	4	33	.54	117	.15	4	1.39	.01	.07	1
17W 6+00N	1	31	8	54	.2	19	13	395	3.26	8	5	ND	1	26	.2	2	2	78	.33	.096	4	33	.53	127	.14	10	1.63	.01	.08	1
17W 5+50N	1	43	9	56	.2	20	11	567	2.80	4	5	ND	1	31	.2	2	2	67	.39	.058	8	31	.52	200	.12	3	1.60	.01	.07	1
17W 5+00N	1	32	8	43	.1	15	11	277	2.91	3	5	ND	1	30	.2	2	2	77	.37	.041	4	28	.49	114	.14	5	1.25	.01	.07	2
17W 4+50N	1	22	13	25	.1	14	8	155	2.64	8	5	ND	1	23	.2	2	2	54	.54	.013	4	24	.37	184	.11	2	2.23	.02	.05	1
17W 4+00N	1	61	8	65	.2	20	12	334	3.38	5	5	ND	1	21	.2	2	2	77	.28	.073	5	31	.46	201	.13	9	2.44	.01	.04	1
17W 3+50N	1	117	13	50	.5	26	11	1084	3.27	2	5	ND	1	33	.5	2	2	58	1.00	.025	9	33	.57	456	.12	4	2.68	.02	.06	1
17W 3+00N	1	46	7	54	.3	20	11	270	3.31	6	5	ND	1	24	.2	2	2	81	.30	.084	6	32	.56	174	.10	2	1.89	.01	.04	1
17W 2+50N	1	31	8	52	.1	16	11	344	2.91	7	5	ND	1	21	.2	2	2	71	.33	.086	4	27	.41	131	.13	6	1.68	.01	.05	1
17W 2+00N	1	37	2	51	.2	17	10	357	2.66	7	5	ND	1	17	.2	2	3	65	.22	.048	4	23	.38	163	.11	3	1.80	.01	.05	1
17W 1+50N	1	14	12	70	.1	7	4	201	1.58	3	5	ND	1	9	.6	2	2	46	.11	.043	2	12	.15	73	.13	8	.77	.02	.03	1
17W 1+00N	1	49	10	51	.2	16	11	834	2.46	9	5	ND	1	17	.2	2	2	56	.26	.104	5	21	.33	242	.09	8	1.66	.01	.06	1
17W 0+50N	1	24	9	77	.2	11	9	798	2.83	6	5	ND	1	11	.2	2	2	64	.17	.096	4	17	.29	173	.11	8	2.29	.01	.04	2
17W 0+00N	1	85	10	81	.1	16	13	684	3.46	8	5	ND	1	24	.2	2	2	82	.46	.104	7	25	.51	265	.09	4	2.60	.01	.05	1
16W 7+00N	1	41	8	54	.2	18	12	525	2.71	5	5	ND	1	31	.2	2	2	63	.39	.069	4	26	.45	182	.10	3	1.45	.01	.07	1
16W 6+50N	1	73	13	44	.2	14	10	266	2.75	6	5	ND	1	24	.2	2	2	72	.29	.044	4	25	.43	116	.11	5	1.28	.01	.05	1
16W 6+00N	1	94	11	44	.2	16	10	197	2.87	5	5	ND	1	24	.2	2	2	75	.31	.054	4	26	.46	117	.10	2	1.36	.01	.06	1
16W 5+50N	1	45	8	39	.1	15	11	266	2.94	7	5	ND	1	29	.2	2	2	78	.35	.049	4	29	.48	108	.13	3	1.28	.01	.09	1
16W 5+00N	1	102	7	49	.3	14	11	325	3.16	6	5	ND	1	31	.2	2	2	84	.43	.049	4	32	.53	121	.13	4	1.25	.01	.06	1
16W 4+50N	1	137	4	39	.2	13	10	219	3.16	7	5	ND	1	28	.3	2	2	85	.35	.035	4	31	.51	115	.12	4	1.39	.01	.05	1
16W 4+00N	1	255	4	54	.2	14	13	377	3.37	9	5	ND	1	32	.3	3	2	85	.48	.069	6	33	.60	119	.13	6	1.36	.01	.06	1
16W 3+50N	1	96	15	43	.1	14	11	606	2.90	4	5	ND	1	29	.2	2	2	75	.39	.056	5	28	.44	148	.12	4	1.29	.01	.06	1
16W 3+00N	1	78	14	40	.2	17	10	314	3.03	7	5	ND	1	29	.2	2	2	78	.39	.072	5	30	.48	156	.12	4	1.31	.01	.06	1
16W 2+50N	1	55	11	34	.1	13	11	240	2.84	7	5	ND	1	27	.2	2	2	76	.34	.053	5	28	.45	127	.12	8	1.14	.01	.05	1
16W 2+00N	1	49	5	49	.2	16	13	376	3.18	7	5	ND	1	30	.2	3	2	81	.40	.061	5	33	.57	118	.12	7	1.23	.01	.06	1
16W 1+50N	1	38	5	38	.1	15	9	242	2.71	3	5	ND	1	24	.2	2	2	71	.31	.047	4	26	.43	179	.11	5	1.32	.01	.04	2
16W 1+00N	1	78	8	69	.3	14	11	656	2.25	7	5	ND	1	20	.5	2	2	50	.29	.085	5	16	.29	260	.07	7	1.53	.01	.05	1
16W 0+50N	1	67	13	72	.2	12	9	213	2.66	2	5	ND	1	14	.3	2	2	64	.23	.191	5	14	.24	215	.12	8	2.66	.01	.05	1
16W 0+00N	1	72	4	46	.2	12	9	202	2.94	6	5	ND	1	25	.2	2	2	80	.33	.065	5	28	.46	147	.10	2	1.47	.01	.04	1
15W 7+50N	1	27	9	31	.2	11	8	154	2.81	5	5	ND	1	25	.2	2	2	76	.38	.034	4	26	.36	88	.12	2	1.42	.01	.05	1
15W 7+00N	1	22	14	61	.1	12	9	244	2.56	5	5	ND	1	22	.4	2	2	67	.45	.067	3	21	.29	132	.11	2	1.43	.01	.04	1
15W 6+50N	1	37	6	51	.3	14	11	282	2.88	7	5	ND	1	25	.3	2	2	73	.32	.066	4	28	.43	128	.12	3	1.58	.01	.05	1
15W 6+00N	1	104	6	39	.3	12	8	382	2.47	2	5	ND	1	38	.2	2	2	47	1.15	.028	8	21	.39	341	.10	3	1.98	.02	.05	1
15W 5+50N	1	22	6	26	.1	9	7	134	2.36	3	5	ND	1	23	.2	2	2	71	.38	.012	4	24	.34	134	.11	2	1.51	.01	.03	1
15W 5+00N	1	36	2	52	.1	18	10	299	3.21	6	5	ND	1	25	.2	2	2	71	.53	.069	4	28	.46	258	.12	3	2.54	.01	.05	1
STANDARD C	18	59	39	139	7.6	68	30	1046	3.79	42	20	8	36	47	18.3	18	18	57	.46	.093	39	56	.85	175	.09	32	1.84	.06	.13	14

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp

DATE RECEIVED: JUN 13 1990 **DATE REPORT MAILED:** June 15/90. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
15W 4+50N	1	46	8	56	.4	18	13	789	3.53	8	5	ND	1	33	.2	2	2	97	.60	.132	4	32	.55	209	.14	2	2.14	.01	.06	1
15W 4+00N	1	226	9	62	.4	33	14	905	4.44	4	5	ND	1	51	.2	2	2	96	1.13	.066	23	45	.80	656	.11	2	3.43	.02	.12	1
15W 3+50N	1	72	8	42	.2	18	10	516	2.83	4	5	ND	1	34	.2	2	3	78	.57	.044	8	30	.51	269	.13	4	1.81	.02	.07	1
15W 3+00N	1	48	3	38	.1	14	8	639	2.67	2	5	ND	1	36	.3	2	2	68	.59	.031	5	24	.41	217	.12	2	1.57	.01	.08	1
15W 2+50N	1	78	13	61	.2	22	14	566	3.90	7	5	ND	1	42	.2	2	2	101	.75	.060	7	41	.71	263	.16	2	2.11	.02	.07	1
15W 2+00N	1	61	8	55	.2	19	12	386	3.49	5	5	ND	1	34	.2	2	2	89	.56	.124	5	33	.60	221	.14	5	1.98	.02	.06	1
15W 1+50N	1	118	11	55	.4	21	15	660	4.21	8	5	ND	1	45	.3	2	2	91	1.14	.030	7	41	.78	248	.14	2	2.55	.02	.08	1
15W 1+00N	1	59	16	58	.1	13	11	227	3.13	4	5	ND	1	20	.2	2	2	80	.37	.096	4	24	.40	218	.08	2	2.13	.01	.05	1
15W 0+50N	1	50	18	47	.1	12	9	238	2.78	6	5	ND	1	23	.2	2	2	70	.35	.117	4	20	.40	176	.13	2	2.08	.01	.04	1
15W 0+00N	1	56	9	60	.1	11	9	162	2.59	2	5	ND	1	16	.2	2	2	60	.26	.085	3	16	.28	218	.08	2	2.16	.01	.05	1
14W 7+50N	1	35	13	55	.1	17	10	433	3.36	4	5	ND	1	24	.2	2	2	80	.39	.078	5	31	.47	255	.11	2	2.49	.01	.04	1
14W 7+00N	1	78	7	58	.2	20	13	225	3.85	5	5	ND	1	38	.2	2	2	86	.79	.046	9	37	.54	339	.12	3	3.25	.02	.06	1
14W 6+50N	1	13	6	29	.1	5	4	371	1.33	3	5	ND	1	13	.2	2	2	46	.16	.020	3	9	.06	103	.09	4	.65	.01	.02	1
14W 6+00N	1	53	12	59	.2	15	13	381	3.37	9	5	ND	1	26	.2	2	2	83	.44	.256	4	25	.40	233	.12	3	2.63	.02	.08	1
14W 5+50N	1	105	7	78	.1	28	13	444	4.65	14	5	ND	1	28	.2	2	5	115	.47	.170	7	40	.66	203	.16	2	4.42	.01	.10	1
14W 5+00N	1	59	9	48	.3	14	12	299	3.44	10	5	ND	1	30	.2	2	2	95	.46	.066	4	30	.47	162	.13	3	2.06	.01	.07	1
14W 4+50N	1	30	14	57	.1	7	6	140	2.07	3	5	ND	1	19	.3	2	2	47	.33	.238	4	9	.17	228	.09	7	2.21	.02	.04	1
14W 4+00N	1	36	8	59	.1	15	11	372	3.21	2	5	ND	1	22	.2	2	2	81	.40	.220	3	25	.43	253	.11	2	2.75	.01	.06	1
14W 3+50N	1	20	14	46	.1	12	9	415	2.89	4	5	ND	1	21	.2	2	2	69	.39	.236	3	23	.31	211	.11	3	2.15	.01	.08	1
14W 3+00N	1	61	16	62	.1	17	12	509	3.41	6	5	ND	1	30	.2	2	2	82	.60	.176	5	25	.50	292	.12	3	2.75	.02	.10	1
14W 2+50N	1	16	12	94	.1	10	9	1170	2.67	4	5	ND	1	18	.2	2	2	69	.30	.158	3	17	.26	196	.13	5	2.17	.02	.05	1
14W 2+00N	1	66	7	61	.2	13	12	474	3.58	23	5	ND	1	25	.2	3	2	79	.51	.033	7	20	.40	373	.07	2	2.69	.02	.06	1
14W 1+50N	1	177	32	86	1.3	15	14	1066	4.41	29	5	ND	1	62	.5	3	3	99	1.98	.046	9	29	.64	563	.08	7	2.72	.02	.06	1
14W 1+00N	1	46	6	104	.4	14	14	1394	2.99	8	5	ND	1	25	.2	2	2	72	.43	.131	4	22	.35	266	.12	2	1.72	.02	.07	1
14W 0+50N	1	96	8	96	.4	12	15	784	3.79	17	5	ND	1	22	.2	2	2	67	.42	.110	5	15	.24	585	.05	2	2.03	.01	.09	1
14W 0+00N	1	53	6	83	.1	14	13	1070	3.30	17	5	ND	1	24	.2	2	2	82	.39	.130	5	18	.39	281	.08	3	2.19	.01	.07	1
13W 7+50N	1	34	8	21	.1	14	8	229	3.20	2	5	ND	1	37	.2	2	2	88	.58	.013	4	30	.42	179	.11	2	1.59	.01	.06	1
13W 6+00N	1	40	10	45	.3	18	12	223	4.01	5	5	ND	1	35	.2	2	2	112	.59	.029	6	38	.54	147	.14	3	2.05	.01	.06	1
13W 5+50N	1	45	5	32	.1	8	7	117	3.17	2	5	ND	1	33	.5	2	2	77	.37	.022	4	19	.36	208	.11	2	2.06	.02	.05	1
13W 5+00N	1	32	12	59	.4	14	10	319	3.33	4	5	ND	1	27	.2	2	2	77	.41	.214	4	24	.35	221	.13	15	2.53	.02	.08	1
13W 4+50N	1	59	11	57	.1	17	12	313	3.97	2	5	ND	1	29	.2	2	2	91	.46	.193	4	25	.53	269	.13	2	3.19	.02	.09	2
13W 4+00N	1	31	9	37	.2	13	10	197	3.70	3	5	ND	1	39	.2	2	2	115	.76	.024	5	28	.48	152	.14	2	1.91	.01	.05	1
13W 3+50N	1	30	4	33	.1	17	9	174	3.36	2	5	ND	1	35	.2	2	2	94	.54	.029	4	36	.43	121	.16	2	1.71	.01	.05	1
13W 3+00N	1	35	3	49	.1	14	10	247	2.93	4	5	ND	1	26	.2	2	2	81	.32	.175	4	20	.38	168	.12	5	1.83	.02	.07	1
13W 2+50N	1	32	2	47	.1	21	12	280	2.97	2	5	ND	1	34	.2	2	2	76	.39	.103	5	32	.50	121	.13	2	1.78	.01	.07	1
13W 2+00N	1	46	15	50	.2	21	13	505	3.45	4	5	ND	1	40	.2	2	2	89	.66	.043	6	35	.62	158	.15	5	1.73	.01	.07	1
STANDARD C	18	59	38	134	7.4	67	30	1059	3.93	42	19	7	36	48	18.1	15	16	59	.51	.099	38	56	.89	175	.09	39	1.93	.06	.14	11

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
13W 1+50N	1	66	8	57	.1	17	12	369	3.72	8	5	ND	1	50	.2	2	2	109	.68	.060	6	28	.71	180	.17	2	1.64	.01	.07	2
13W 1+00N	1	40	2	78	.2	19	12	667	2.88	5	5	ND	1	36	.6	2	2	76	.52	.104	5	27	.49	203	.12	2	1.80	.01	.08	2
13W 0+50N	1	46	7	66	.1	17	12	697	3.19	5	5	ND	1	44	.4	3	2	95	.67	.081	6	25	.55	220	.12	2	1.57	.01	.08	1
13W 0+00N	1	48	3	74	.3	17	13	491	3.34	7	5	ND	1	37	.2	3	2	90	.47	.106	5	28	.54	174	.12	4	1.71	.01	.06	1
12W 8+50N	1	21	2	26	.1	13	8	132	2.80	4	5	ND	1	30	.2	2	2	73	.39	.005	4	24	.35	115	.12	2	1.90	.02	.05	1
12W 7+00N	1	201	13	51	.5	22	9	610	2.66	5	5	2	1	68	.9	3	2	50	1.93	.097	9	30	.56	308	.07	26	1.68	.03	.06	1
12W 6+50N	1	40	2	57	.2	15	11	282	3.29	8	5	ND	1	27	.5	2	2	93	.47	.025	4	28	.40	193	.05	7	1.75	.02	.04	1
12W 5+50N	1	54	4	50	.1	14	13	313	4.44	8	5	ND	1	25	.5	2	2	112	.42	.064	5	25	.50	163	.09	2	1.33	.01	.07	1
12W 5+00N	1	15	12	52	.2	13	9	988	2.41	2	5	ND	1	17	.6	2	2	66	.22	.095	5	21	.19	160	.09	6	1.31	.01	.05	2
12W 4+50N	1	25	2	48	.2	17	10	431	3.13	5	5	ND	1	29	.2	2	2	80	.43	.164	4	23	.38	207	.10	4	1.73	.01	.06	1
12W 4+00N	1	27	2	39	.1	15	9	227	3.11	3	5	ND	1	32	.2	2	2	85	.42	.090	4	25	.43	125	.11	3	1.59	.01	.06	1
12W 3+50N	1	28	4	39	.1	17	10	238	3.13	2	5	ND	1	31	.6	2	2	84	.39	.122	5	26	.43	109	.12	7	1.71	.01	.06	1
12W 3+00N	1	33	6	40	.1	17	11	241	3.16	5	5	ND	1	43	.4	2	2	88	.54	.071	5	28	.53	118	.14	3	1.31	.01	.08	1
12W 2+50N	1	63	9	53	.2	21	11	404	3.12	5	5	ND	1	38	.2	2	2	81	.53	.091	7	27	.54	229	.12	3	1.65	.01	.08	1
12W 2+00N	1	96	11	64	.1	30	14	653	4.01	7	5	ND	1	57	.3	2	2	100	.90	.121	10	41	.91	261	.16	7	1.72	.02	.09	1
12W 1+50N	1	37	2	56	.2	20	11	374	2.92	2	5	ND	1	39	.6	2	2	79	.57	.055	6	29	.53	553	.12	3	1.59	.01	.08	1
12W 1+00N	1	47	2	85	.2	20	10	746	2.38	2	5	ND	1	24	.6	2	2	55	.39	.132	5	20	.32	256	.10	4	1.79	.02	.06	1
12W 0+50N	1	52	6	94	.3	19	11	640	3.00	2	5	ND	1	37	.4	2	2	79	.53	.099	6	28	.48	191	.11	2	1.83	.01	.06	1
12W 0+00N	1	49	18	79	.2	23	13	564	3.50	2	5	ND	1	40	.3	2	2	91	.55	.051	7	31	.61	227	.13	2	2.05	.02	.08	1
STANDARD C	18	58	40	134	7.0	68	30	1048	3.73	37	19	7	37	47	18.6	16	17	57	.50	.096	37	55	.87	175	.09	37	1.87	.06	.14	11

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GEOCHEMICAL ANALYSIS CERTIFICATE

Kamloops Research & Assay Lab. PROJECT G2248 File # 90-1702 Page 1

912 - 1 Level Crescent, Kamloops BC V2C 5P5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
26W 6+00N	1	186	7	57	.5	28	16	793	4.34	15	5	ND	1	44	.6	7	2	95	.76	.094	10	37	.77	246	.11	4	1.62	.01	.10	2
26W 5+50N	1	162	2	57	.2	26	16	839	4.20	13	5	ND	1	56	.2	4	2	93	1.20	.110	7	34	.90	214	.11	3	1.38	.01	.08	1
26W 5+00N	1	55	4	43	.3	19	12	358	3.10	8	5	ND	1	34	.2	2	2	81	.53	.038	5	29	.50	144	.14	2	1.35	.01	.08	1
26W 4+50N	1	103	6	48	.3	18	13	509	3.44	9	5	ND	1	40	.2	2	2	80	.69	.079	7	29	.56	242	.11	2	1.61	.01	.08	1
26W 4+00N	1	55	5	40	.1	16	12	280	3.32	5	5	ND	1	34	.4	2	2	86	.49	.059	3	30	.53	141	.13	3	1.40	.01	.08	2
26W 3+50N	1	118	4	44	.3	26	13	457	3.39	7	5	ND	1	32	.2	3	2	77	.59	.044	11	30	.47	318	.13	2	2.08	.01	.07	2
26W 3+00N	1	125	3	36	.3	21	12	804	3.39	7	5	ND	1	36	.2	2	2	76	.93	.024	11	29	.50	398	.13	2	2.10	.02	.07	1
26W 2+50N	1	44	7	37	.1	15	10	584	2.73	5	5	ND	1	26	.2	2	2	71	.50	.074	3	25	.39	209	.10	2	1.47	.01	.07	1
26W 2+00N	1	125	6	32	.2	15	10	470	2.86	5	5	ND	1	43	.2	2	2	65	1.45	.035	7	23	.50	334	.08	6	1.63	.01	.07	1
23W 7+00N	1	25	8	72	.3	16	10	473	2.62	6	5	ND	1	32	.3	2	2	68	.59	.048	4	28	.43	147	.11	4	1.30	.01	.10	1
23W 6+50N	1	72	10	92	.3	27	13	518	3.93	10	5	ND	1	37	.2	2	2	92	.54	.069	7	45	.77	109	.13	3	1.57	.01	.09	1
23W 6+00N	1	33	6	79	.1	16	10	488	2.75	8	5	ND	1	28	.2	2	2	74	.39	.041	4	30	.49	117	.12	3	1.39	.01	.06	1
23W 5+50N	1	41	5	84	.1	20	12	363	3.18	9	5	ND	1	29	.2	2	2	81	.39	.058	5	34	.55	121	.13	2	1.45	.01	.07	1
23W 4+50N	1	44	8	55	.2	20	13	298	3.03	8	5	ND	1	31	.4	2	4	75	.55	.039	4	25	.41	159	.11	6	1.60	.01	.06	1
23W 4+00N	1	59	7	45	.3	16	11	420	2.64	4	5	ND	1	31	.4	2	2	67	.47	.042	3	27	.41	184	.13	15	1.46	.02	.07	1
23W 3+50N	1	48	7	65	.3	17	11	349	2.94	4	5	ND	1	33	.2	2	2	72	.45	.070	5	30	.47	169	.14	4	1.41	.01	.06	1
23W 3+00N	1	38	8	52	.1	17	11	323	2.90	7	5	ND	1	32	.2	2	2	73	.47	.049	3	25	.46	198	.13	4	1.60	.01	.06	1
23W 2+50N	1	32	8	46	.2	14	10	255	2.81	3	5	ND	1	32	.2	2	2	68	.54	.048	4	26	.39	196	.12	5	1.34	.01	.08	2
23W 2+00N	1	119	8	77	.4	27	16	578	4.06	14	5	ND	1	44	.2	3	2	96	.75	.096	8	40	.78	216	.13	10	1.55	.02	.08	1
23W 1+50N	1	83	4	56	.3	20	13	468	3.44	7	5	ND	1	39	.2	2	2	89	.69	.053	6	34	.65	250	.14	5	1.54	.01	.07	1
23W 1+00N	1	97	12	83	.1	18	12	1300	2.91	10	5	ND	1	24	.5	4	2	66	.43	.098	4	22	.51	359	.07	5	1.83	.01	.07	1
23W 0+50N	1	72	7	86	.2	16	10	903	2.75	9	5	ND	1	27	.5	2	2	60	.53	.152	4	23	.45	342	.07	5	1.63	.01	.07	1
23W 0+00N	1	80	13	76	.1	16	8	431	2.53	5	5	ND	1	16	.5	2	2	59	.27	.172	4	20	.42	196	.10	6	2.27	.01	.06	1
22W 7+00N	1	36	2	40	.1	17	12	245	3.07	2	5	ND	1	28	.3	2	2	78	.43	.021	4	29	.39	171	.13	2	1.61	.02	.06	1
22W 6+50N	2	141	2	76	.3	19	10	1477	2.00	4	5	ND	1	69	.8	2	2	40	2.53	.114	5	22	.46	427	.05	21	1.09	.02	.04	1
22W 6+00N	2	73	4	58	.3	19	15	4078	2.57	9	5	ND	1	67	.5	2	2	41	2.47	.108	4	20	.43	613	.04	21	.95	.02	.04	1
22W 4+50N	1	37	3	50	.4	16	12	314	2.74	4	5	ND	1	32	.2	2	2	70	.40	.086	4	25	.42	144	.12	3	1.47	.01	.06	1
22W 4+00N	1	47	6	68	.4	16	12	394	2.86	10	5	ND	1	34	.2	2	2	72	.44	.139	5	25	.48	149	.12	2	1.57	.01	.08	1
22W 3+50N	1	59	2	47	.2	19	13	549	2.90	2	5	ND	1	38	.2	2	2	72	.65	.052	6	28	.51	210	.13	7	1.64	.01	.10	1
22W 3+00N	1	56	12	54	.4	19	13	644	3.01	2	5	ND	1	38	.5	2	2	73	.60	.061	5	29	.53	239	.13	6	1.88	.02	.09	1
22W 2+50N	1	39	5	80	.2	16	11	614	2.85	2	5	ND	1	33	.2	2	2	72	.44	.128	4	26	.43	161	.12	3	1.55	.01	.07	1
22W 2+00N	1	15	6	45	.1	11	5	197	1.51	6	5	ND	1	15	.2	2	2	36	.24	.080	3	14	.16	174	.09	3	1.00	.01	.11	1
22W 1+50N	1	109	2	62	.2	23	11	272	3.20	11	5	ND	1	23	.2	3	3	74	.42	.106	4	26	.47	320	.10	6	2.14	.01	.09	1
22W 1+00N	1	53	4	76	.1	19	12	626	2.77	5	5	ND	1	36	.2	2	2	65	.54	.079	4	23	.43	1033	.10	6	1.89	.01	.06	1
22W 0+50N	1	32	6	58	.2	15	7	339	2.08	6	5	ND	1	23	.3	2	2	49	.51	.131	4	19	.28	225	.08	5	1.51	.01	.05	1
22W 0+00N	1	218	11	86	.2	21	9	753	2.87	3	5	ND	1	27	.8	2	2	51	.60	.042	6	24	.45	530	.09	2	2.69	.02	.07	1
STANDARD C	17	57	38	136	7.0	68	31	1054	3.66	38	16	6	37	48	18.5	15	22	58	.49	.095	37	56	.86	174	.09	38	1.78	.06	.14	11

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp

DATE RECEIVED: JUN 12 1990 **DATE REPORT MAILED:** June 14/90 **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
21W 6+50N	1	210	12	31	.5	22	12	442	3.32	7	5	ND	1	41	.2	2	2	64	.78	.031	9	25	.59	320	.13	3	2.11	.02	.06	1
21W 6+00N	1	89	9	36	.2	18	15	310	4.48	9	5	ND	1	37	.4	2	3	97	.55	.053	5	32	.76	120	.14	3	1.87	.01	.09	1
21W 5+25N	1	62	4	26	.1	18	13	359	3.77	9	5	ND	1	36	.2	2	2	78	.72	.039	5	27	.57	242	.13	5	2.15	.01	.11	1
21W 5+00N	1	52	4	30	.3	15	11	249	3.23	3	5	ND	1	28	.7	2	2	68	.47	.029	6	24	.45	223	.12	4	2.15	.02	.05	2
21W 4+50N	1	65	7	37	.3	18	12	451	3.29	5	5	ND	1	38	.9	2	2	71	.82	.029	7	27	.54	261	.13	6	2.26	.02	.06	1
21W 4+00N	1	86	6	42	.2	19	16	460	3.85	9	5	ND	1	40	.5	2	2	90	.63	.058	8	30	.72	190	.15	3	1.90	.02	.11	1
21W 3+50N	1	43	7	47	.3	17	13	532	3.09	5	5	ND	1	40	.3	2	2	76	.58	.103	6	25	.54	191	.13	2	1.56	.02	.11	1
21W 3+00N	1	42	2	42	.1	16	12	435	3.05	4	5	ND	1	40	.9	2	2	77	.58	.064	6	27	.52	188	.14	2	1.67	.01	.09	1
21W 2+50N	1	43	3	42	.2	17	13	534	3.04	9	5	ND	1	38	.2	2	3	77	.63	.067	6	27	.55	171	.13	4	1.54	.01	.07	2
21W 2+00N	1	41	11	49	.1	16	11	472	2.51	7	5	ND	1	36	.5	2	2	64	.58	.073	5	24	.41	184	.12	2	1.49	.01	.09	1
21W 1+50N	1	92	6	54	.3	22	11	655	3.03	12	5	ND	1	31	.9	4	2	65	.96	.032	8	23	.44	411	.12	5	2.54	.02	.06	1
21W 1+00N	1	20	7	80	.2	9	6	649	1.61	5	5	ND	1	14	.7	2	4	34	.26	.203	3	11	.17	211	.10	4	1.51	.01	.05	1
21W 0+50N	1	54	11	72	.1	16	10	656	2.69	16	5	ND	1	20	.8	2	2	55	.52	.103	5	18	.47	349	.12	2	2.76	.02	.09	1
20W 7+00N	1	35	5	43	.4	14	11	314	2.89	9	5	ND	1	31	.5	2	2	72	.40	.116	4	24	.42	104	.13	5	1.72	.01	.07	2
20W 6+50N	1	36	2	43	.2	19	12	300	3.12	12	5	ND	1	33	.8	2	2	76	.40	.103	5	28	.47	133	.14	2	1.78	.01	.07	3
20W 6+00N	1	36	9	39	.2	19	12	257	2.93	13	5	ND	1	32	.5	2	3	69	.41	.073	4	26	.46	140	.11	4	1.56	.01	.09	1
20W 5+50N	1	53	11	37	.2	22	14	391	3.40	11	5	ND	1	35	.3	2	2	74	.61	.046	6	28	.53	181	.12	2	1.91	.01	.13	1
20W 5+00N	1	91	8	36	.3	23	14	859	3.58	6	5	ND	1	40	.4	2	3	61	.86	.025	8	26	.57	373	.12	3	2.37	.02	.10	1
20W 4+50N	1	52	2	33	.3	19	11	465	2.88	8	5	ND	1	43	.6	2	2	67	.67	.042	6	25	.49	221	.11	4	1.48	.01	.10	2
20W 4+00N	1	31	6	34	.1	16	11	306	2.89	7	5	ND	1	33	.3	2	2	70	.51	.047	4	22	.46	125	.11	2	1.48	.01	.08	1
20W 3+50N	1	42	2	41	.1	17	13	610	3.26	10	5	ND	1	36	.2	2	2	75	.48	.051	6	28	.54	119	.11	4	1.37	.01	.09	1
20W 3+00N	1	40	10	37	.1	16	11	426	2.73	6	5	ND	1	32	.4	2	2	68	.41	.048	5	24	.48	120	.12	3	1.29	.01	.07	3
20W 2+50N	1	34	3	47	.2	16	12	580	3.01	4	5	ND	1	30	1.0	2	2	76	.41	.089	4	25	.49	124	.12	4	1.60	.01	.06	1
20W 2+00N	1	33	2	40	.1	17	12	790	2.75	6	5	ND	1	30	.2	2	2	66	.41	.132	4	22	.44	153	.12	5	1.71	.01	.07	1
20W 1+50N	1	47	11	58	.1	17	12	816	2.91	12	5	ND	1	27	.5	2	2	67	.39	.137	4	22	.44	203	.10	4	1.95	.01	.07	1
20W 1+00N	1	19	10	79	.1	11	8	468	2.89	11	5	ND	1	20	.7	2	2	64	.43	.156	4	14	.27	197	.15	3	2.28	.01	.04	1
20W 0+50N	1	69	9	62	.3	17	11	623	3.13	15	5	ND	1	26	.3	2	2	69	.75	.084	6	21	.45	300	.14	7	2.78	.02	.06	1
20W 0+00N	1	73	6	63	.2	18	13	972	3.20	12	5	ND	1	25	.2	3	2	75	.49	.130	6	23	.43	240	.09	3	1.64	.01	.07	1
19W 6+50N	1	42	5	42	.2	17	12	319	3.00	8	5	ND	1	32	.5	2	2	73	.49	.056	5	28	.43	170	.12	4	1.84	.02	.06	1
19W 6+00N	1	58	3	31	.4	17	9	271	2.76	8	5	ND	1	37	.3	2	2	54	.91	.026	7	22	.43	268	.11	3	1.87	.02	.07	1
19W 5+50N	1	47	8	39	.3	21	12	396	3.18	12	5	ND	1	35	.2	2	2	75	.55	.032	7	30	.47	212	.13	10	2.10	.02	.06	1
19W 5+00N	1	47	2	37	.2	17	12	301	3.05	10	5	ND	1	37	.4	3	2	79	.50	.036	6	29	.51	141	.14	4	1.65	.01	.06	1
19W 4+50N	1	38	2	38	.3	16	11	294	2.87	8	5	ND	1	31	.2	3	2	70	.42	.088	4	25	.45	132	.13	9	1.70	.01	.07	1
19W 4+00N	3	64	2	39	.3	31	13	480	3.23	8	5	ND	1	39	.3	2	2	74	.76	.054	5	45	.50	189	.12	7	1.81	.01	.09	2
19W 3+50N	1	57	9	33	.2	22	11	787	3.16	12	5	ND	2	38	.2	2	4	62	1.09	.025	7	30	.46	303	.14	10	2.45	.02	.06	1
19W 3+00N	1	52	8	48	.1	22	12	562	3.36	4	5	ND	1	33	.8	2	2	70	.61	.038	5	29	.46	248	.14	5	2.38	.02	.08	1
STANDARD C	17	58	39	135	7.2	68	31	1054	3.74	44	22	6	36	47	18.7	15	19	57	.50	.094	37	56	.88	174	.09	39	1.86	.06	.14	11

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
19W 2+50N	1	40	5	47	.2	18	11	521	2.88	5	5	ND	1	34	.8	2	2	72	.50	.090	5	31	.47	161	.13	7	1.45	.01	.08	2
19W 2+00N	1	45	2	54	.1	16	11	440	3.19	4	5	ND	1	27	.9	2	2	77	.32	.088	4	29	.49	179	.10	2	1.94	.01	.05	3
19W 1+50N	1	45	2	94	.1	18	7	245	3.04	6	5	ND	2	14	.3	2	2	61	.22	.227	4	23	.33	138	.17	9	3.83	.01	.04	1
19W 1+00N	1	25	21	70	1.2	10	4	592	1.75	2	5	ND	1	12	.8	6	2	47	.15	.077	4	16	.19	150	.14	4	1.31	.01	.03	1
19W 0+50N	1	107	11	41	.2	12	8	754	2.21	2	5	ND	1	32	.3	2	2	48	1.34	.027	8	16	.23	362	.06	8	2.05	.02	.04	1
19W 0+00N	1	42	13	100	.1	18	8	995	2.46	7	5	ND	1	19	.3	2	2	58	.31	.101	4	18	.31	257	.11	9	2.07	.01	.06	1
18W 6+50N	1	30	2	42	.1	17	10	260	2.77	3	5	ND	1	34	.6	2	3	70	.45	.032	5	31	.49	150	.14	2	1.59	.01	.09	1
18W 6+00N	1	36	6	48	.1	16	11	290	3.24	8	5	ND	1	36	.2	2	3	84	.46	.037	4	35	.56	124	.16	2	1.39	.01	.08	1
18W 5+50N	1	34	9	36	.1	13	9	246	2.92	2	5	ND	1	34	.4	2	2	71	.55	.027	5	26	.42	235	.12	3	1.76	.01	.08	1
18W 5+00N	1	158	13	45	.2	29	17	506	4.70	12	5	ND	1	44	.2	2	2	99	1.13	.034	12	47	.86	348	.10	3	1.82	.01	.09	1
18W 4+00N	1	64	6	49	.1	18	11	574	3.03	4	5	ND	1	29	.2	2	2	71	.49	.048	9	32	.51	227	.13	2	1.88	.01	.07	1
18W 3+50N	1	65	6	67	.1	20	9	297	3.37	8	5	ND	1	24	.8	2	3	82	.30	.071	5	33	.55	208	.12	2	2.98	.01	.05	1
18W 3+00N	1	67	13	49	.3	19	11	340	3.53	3	5	ND	1	31	.2	2	2	69	.93	.020	8	36	.46	353	.13	5	2.49	.02	.06	1
18W 2+50N	1	17	9	40	.1	16	9	147	2.67	2	5	ND	1	21	.2	2	3	63	.33	.132	4	26	.34	127	.16	3	2.26	.01	.05	1
18W 2+00N	1	86	9	67	.1	16	10	920	2.59	7	5	ND	1	14	.5	2	3	54	.18	.257	4	21	.28	231	.11	8	2.20	.01	.06	1
18W 1+50N	1	35	5	48	.1	16	8	769	1.98	5	5	ND	1	16	.2	2	2	48	.28	.080	3	15	.24	261	.09	4	1.59	.01	.06	1
18W 1+00N	1	29	4	86	.1	12	8	836	2.39	4	5	ND	2	10	.6	2	2	56	.17	.221	3	16	.24	162	.14	2	2.92	.01	.03	1
18W 0+50N	1	55	14	90	.3	14	11	689	2.37	6	5	ND	1	18	.7	2	2	51	.26	.159	4	20	.26	211	.10	6	1.76	.01	.04	1
18W 0+00N	1	9	16	36	.2	1	4	279	1.40	2	5	ND	1	6	.2	2	4	44	.07	.020	2	7	.10	51	.10	6	.67	.01	.02	1
STANDARD C	18	57	37	136	7.0	68	30	1060	3.82	41	16	8	36	47	18.6	15	22	59	.51	.094	38	55	.88	176	.09	33	1.89	.06	.14	11

DURAND LAKE

CLAIM BOUNDARY

CLAIM BOUNDARY

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,320

0 100 METERS 500

LEGEND

55-72 GOLD IN PPB – COPPER IN PPM

100-107 / 200-264 COPPER CONTOUR IN PPM

AFTON OPERATING CORP. KAMLOOPS, B.C.			
AREA: RAG GROUP-DURAND LAKE			
SUBJECT: CU-AU GEOCHEMISTRY			
SCALE: 1:5000	DSN	DAY MO YR	
	DR. J.SADAR		0890
	CH.		
	APP.		
DRAWING No.: FIGURE 3			ISSUE

GREENSTONE
1990
SCALE 1 : 5000
30 Apr 1990

CLAIM BOUNDARY

DURAND LAKE

12.5N BASE LINE

CLAIM BOUNDARY

LEGEND

6696 MAG. - DATA - CORRECTED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,320

0 100 METERS 500

FIGURE 4

MAGNETOMETER SURVEY

GREENSTONE
1990
SCALE 1 : 5000
30 Apr 1990

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DURAND LAKE

12.5N BASE LINE

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LEGEND

-5 VLF FILTER DATA FOR CUTLER, MAINE STATION

VLF FILTER CONTOUR

VLF DEPRESSION

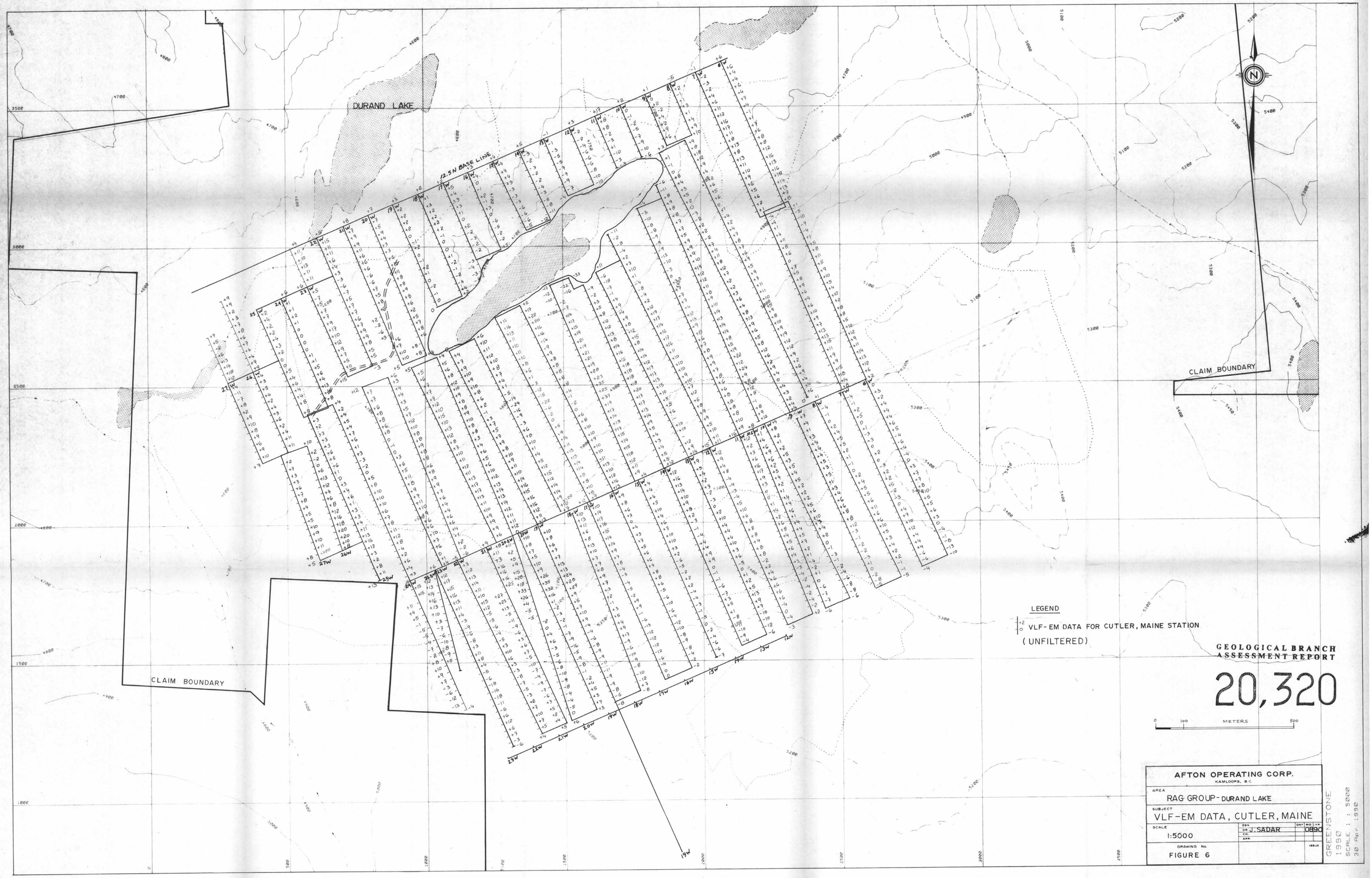
GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,320

0 100 METERS 500

FIGURE 5

GREENSTONE VLF-EM SURVEY — FILTERED DATA
1990
SCALE 1 : 5000
30 Apr 1990



LEGEND

+2 / 0 VLF-EM DATA FOR CUTLER, MAINE STATION (UNFILTERED)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,320

0 100 METERS 500

AFTON OPERATING CORP. KAMLOOPS, B.C.	
AREA: RAG GROUP - DURAND LAKE	
SUBJECT: VLF-EM DATA, CUTLER, MAINE	
SCALE: 1:5000	DSN J. SADAR; CH.; APP.
DRAWING No.: FIGURE 6	DAY 30 MO Apr YR 1990; ISSUE

GREENSTONE
1990
SCALE 1 : 5000
30 Apr 1990

DURAND LAKE

12.5W BASE LINE

CLAIM BOUNDARY

CLAIM BOUNDARY

LEGEND

+6 / -3 VLF-EM DATA FOR SEATTLE, WASH. STATION

(UNFILTERED)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,320

0 100 METERS 500

AFTON OPERATING CORP.
KAMLOOPS, B.C.

AREA: RAG GROUP - DURAND LAKE

SUBJECT: VLF-EM DATA - SEATTLE, WASH.

SCALE: 1:5000

DRAWING No.: FIGURE 7

DSN: DR. J. SADAR | DAY: 30 | MO: Apr | YR: 1990

CH.:

APP.:

ISSUE:

GREENSTONE
1990
SCALE 1 : 5000
30 Apr 1990