ARIS SUMMARY SHEET

District Geologist, Kamloops Off Confidential: 89.06.24

ASSESSMENT REPORT 17550 MINING DIVISION: Kamloops

PROPERTY: GS
LOCATION: LAT 50 36 11 LONG 120 39 18
UTM 10 5608090 665944
NTS 092I10E
CLAIM(S): GS
OPERATOR(S): Teck Ex.
AUTHOR(S): Lovang, G.
REPORT YEAR: 1988, 38 Pages
COMMODITIES
SEARCHED FOR: Copper,Gold
GEOLOGICAL
SUMMARY: Upper Triassic Nicola Group volcanic rocks are intruded by Jurassic diorite and small bodies of monzonite. Magnetite occurs in the diorite as disseminations and as stringers. Traces of copper mineralization occur in the diorite and in contact zones.
WORK
DONE: Geochemical,Geophysical
EMGR 41.0 km;VLF
Map(s) - 3; Scale(s) - 1:5000
MAGG 26.0 km
Map(s) - 1; Scale(s) - 1:5000
SOIL 596 sample(s) ;CU,AU
Map(s) - 1; Scale(s) - 1:5000

GEOCHEMICAL AND GEOPHYSICAL REPORT

ON THE

GS MINERAL CLAIM

RECORD NO. 7145 (7)

KAMLOOPS MINING DIVISION

NTS 92 I / 10 E

LATITUDE: 50° 36' LONGITUDE: 120° 40'

OWNER: TECK CORPORATION
1199 WEST HASTINGS STREET
VANCOUVER, B.C.
V6E 2K5

OPERATOR: TECK EXPLORATIONS LIMITED
1199 WEST HASTINGS STREET
VANCOUVER, B.C.
V6E 2K5

BY
GUDMUND LOVANG

VANCOUVER, B.C. JUNE 1988

TABLE OF CONTENTS

INTRODUCTION

The GS Mineral Claim, consisting of 16 units, is located in the Greenstone Mountain area about 25 km west-southwest of downtown Kamloops.

The topography on the claim is undulating with elevations ranging from 1500 metres to 1700 metres. The property is well forested with pine, spruce and fir. Part of the forest has been harvested recently. An abundant population of deer and signs of moose were observed during the survey.

The property can be reached via the Dairy Lakes Road which branches off the Trans-Canada HIghway by the Esso station some 4 km west of the Afton mine-site. Alternatively, the Dominic Lake Road can be used to gain access. The distance from the highway to the centre of the property is 20 km and 22 km respectively.

The GS Claim was staked in 1987 by Teck Corporation of Vancouver, B.C. Operator is Teck Explorations Limited of Vancouver, B.C.

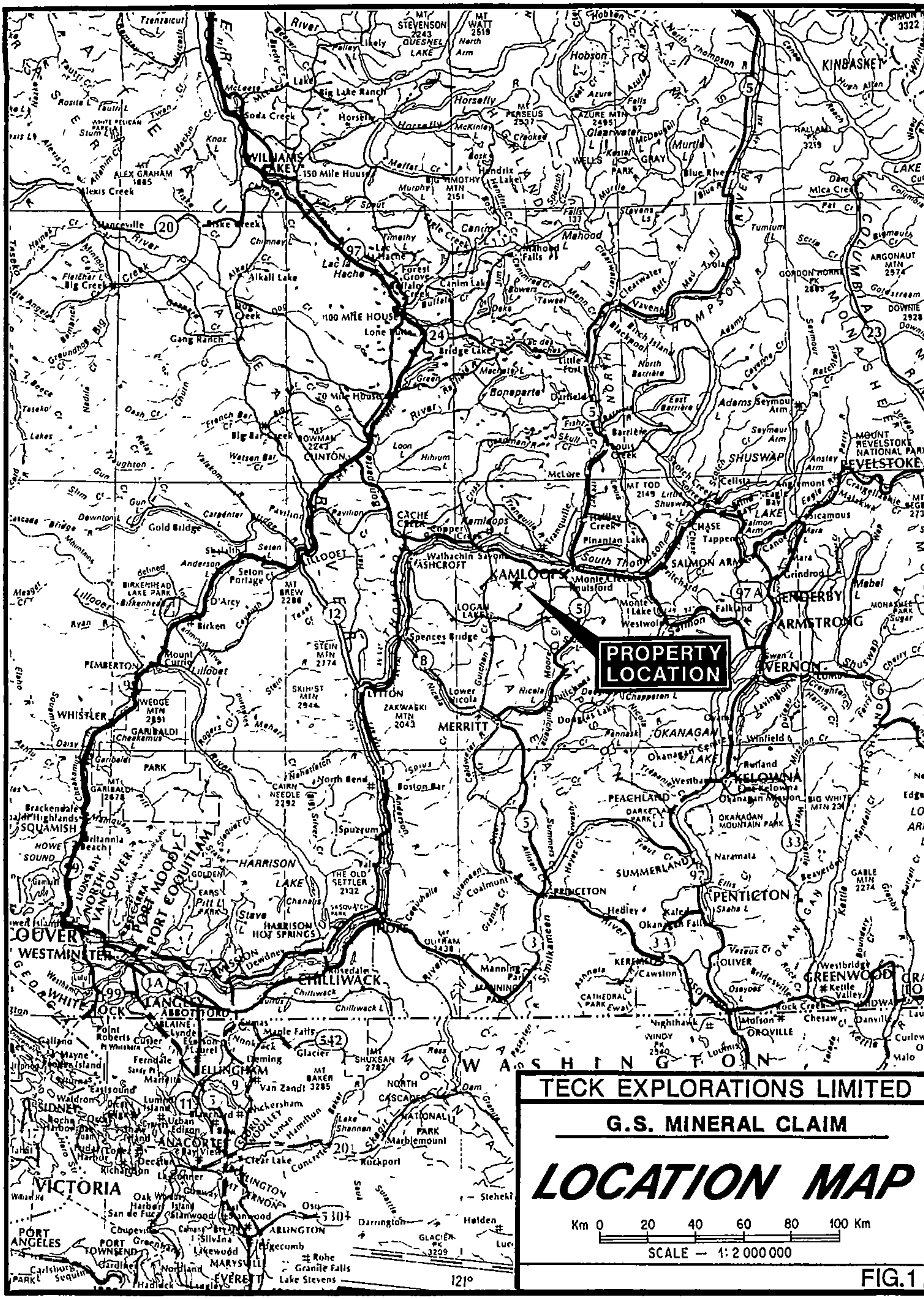
The work described in this report was carried out in the period April 22 to May 5, 1988 by Teck personnel. The work included a 4 km cut baseline with 28 km of flagged grid lines, soil, magnetometer and VLF-EM surveys. General prospecting was carried out on the grid lines to the extent it was feasible. Progressive accumulation of fresh snow restricted the examination of outcrops.

PROPERTY

The property consists of the 16 unit GS Mineral Claim, record number 7145 and tag number 56244. Current owner is Teck Corporation of Vancouver, B.C.

Anniversary date is July 1 with expiry year 1994*.

* Upon approval of assessment work described in this report.

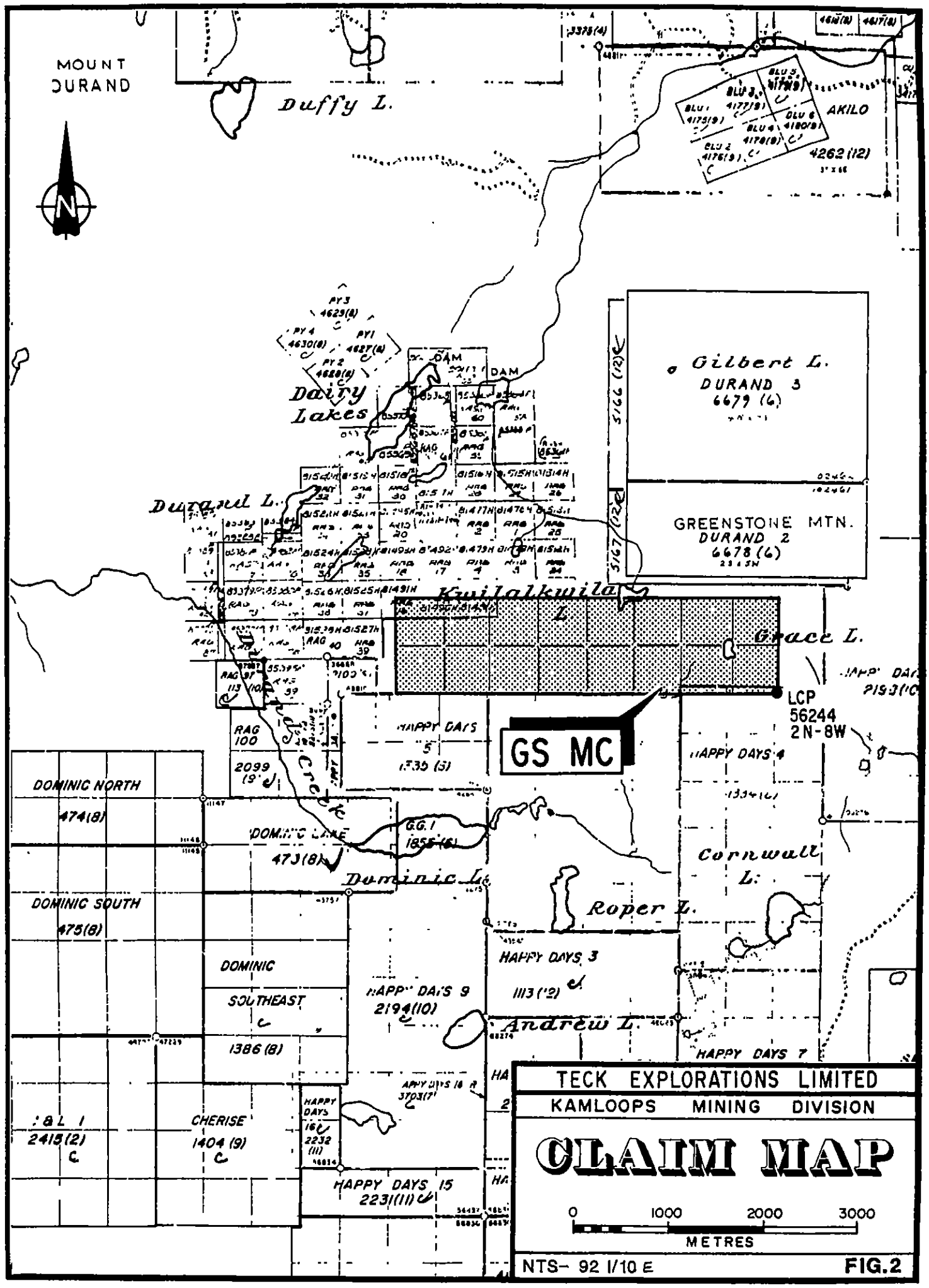


TECK EXPLORATIONS LIMITED

G.S. MINERAL CLAIM

LOCATION MAP

FIG.1


MOUNT DURAND
Duffy L.
AKILO
4262 (12)
Gilbert L.
DURAND 3
6679 (6)
GREENSTONE MTN.
DURAND 2
6678 (6)
Dairy Lakes
Durand L.
Kwilalkwila L.
Grace L.
LCP
56244
2N-8W
GS MC
HAPPY DAYS 5
1735 (3)
HAPPY DAYS 4
RAG 100
2099 (9)
Durand Creek
DOMINIC NORTH
474(8)
DOMINIC LAKE
473(8)
GG 1
1855 (6)
Dominic L.
Cornwall L.
Roper L.
DOMINIC SOUTH
475(8)
DOMINIC SOUTHEAST
1386 (8)
HAPPY DAYS 3
1113 ('12)
HAPPY DAYS 9
2194(10)
Andrew L.
HAPPY DAYS 7
CHERISE
1404 (9)
HAPPY DAYS 16
2232 (11)
HAPPY DAYS 15
223(11)
TECK EXPLORATIONS LIMITED
KAMLOOPS MINING DIVISION
CLAIM MAP
0 1000 2000 3000
METRES
NTS- 92 I/10 E
FIG.2

PREVIOUS WORK

The earliest documented work in the area appears to be surveys by Kennco on the DRG property. This work was carried out in 1960 and described in assessment report #325. Since that time a number of companies have been active in the area. Most of the work has been centered around the Roper Lake molybdenum occurrence to the south of the GS claim, this property is now called "Happy Days", and the "Rag" copper occurrence located to the west and northwest of the GS claim.

In some cases, these previous surveys have in part impinged on ground covered by the GS claim.

Four old bulldozer trenches noted on the GS claim during the present survey may date back to Kennco's 1960 survey.

A list of references is submitted on page 7 of this report.

GEOLOGY

The general area is underlain by late Triassic Nicola Volcanic rocks as indicated by Cockfield (memoir 249).

On the property these volcanics are intruded by one or several bodies of diorite. These diorites occur predominantly on the western third of the property. Monzonite were noted at two locations on the grid, a small plug on L-18-W, north of the baseline and on the northern part of the grid between L-25-W and L-27-W.

The diorite, which is fresh looking, carries disseminated magnetite as well as magnetite in stringers. The diorite appears to have a distinct magnetic signature as compared to the much lower magnetic intensity of the andesites (Figures 4 and 7).

GEOCHEMISTRY

A total of 596 soil samples were collected at 50 metres intervals on gridlines 100 and 200 metres apart. The samples were delivered to Kamloops Research and Assay Laboratory Ltd. for Cu and Au analyses by the standard atomic absorption technique.

Details of the laboratory method is included in the appendix.

Most of the samples were collected from the top B-horizon which was found at a depth ranging from 15 cm to 25 cm. A mattock was used to dig a hole through the A-horizon layer to the top B-horizon. The B-horizon was well developed on most of the property. A few organic samples were collected in the swampy areas.

RESULTS

All Cu and Au values are plotted on figure 3. The copper values are arbitrarily contoured at 100, 250 and 500 ppm.

Most of the copper anomalies on the grid occurs between lines 19 W to 24 W. It is suggested that the erratic distribution of values indicates a glacial dispersion with a source located up-ice to the northwest on known copper mineralization on the Rag property.

The maximum copper value is 4000 ppm.

Contouring of the gold anomalies is arbitrarily chosen at 10, 25, 50, 100, 200 and 300 ppb.

Several weak but widespread gold soil anomalies occur on the eastern portion of the property. Additional work is required to determine if a local bedrock source exists.

The maximum gold value is 390 ppb.

ASSAYS OF ROCK SAMPLES

Traces of copper were found in bedrock at five locations. Three of these were sampled and submitted to the laboratory for assays as follows:

Tag #10564, (L-18-W, 1+50N)
Monzonite in contact with andesite.
Pyrite and Malachite; < 0.001 Au oz/ton, Cu 0.09%.

Tag #10565, (L-25+20-W, 3+75S)
Andesite (?) with minor quartz stringers, epidote, chlorite, pyrite, chalcopyrite and minor MoS_2 in quartz stringers; 0.007 Au oz/ton, 0.22% Cu.

Tag #10566, (L-38+50-W, 1+15S)
Diorite, chlorite, minor epidote, pyrite and malachite; 0.005 Au oz/ton, 0.02% Cu.

MAGNETOMETER SURVEY Total Field measured.

Instrument used: EG & G Geometrics Proton Magnetometer, Model G-816/826 (Back-pack sensor)

Base stations were established along the 4 km base-line with readings at 50 metres intervals. The gridlines were then traversed and readings recorded at 25 metres intervals for a total of 26 line-km.

All readings were corrected for diurnal variations, usually with a base station check-in time of less than one hour.

The results are plotted on figure 4. Isometric lines are drawn at 1000 gamma intervals.

The eastern two third of the grid area is generally magnetically flat, reflecting the relatively weak magnetic properties of the andesites of the Nicola group of rocks. In the western third of the grid area the magnetite rich diorite displays variations of up to several thousand gammas.

VLF-EM SURVEY

Instrument used: Crone Radem

Transmitters: Annapolis, Maryland
Seattle, Washington

21 line-km with a north-south orientation were traversed with a line separation of 200 metres using the Annapolis transmitter and 20 line-km with an east-west orientation were traversed using the Seattle transmitter with a line separation of 250 metres.

The dip angle readings of the in-phase component were recorded at 25 metres intervals along the lines.

The unfiltered values are plotted on figure 5.

The data has been filtered using the Fraser Method. Positive filtered values are plotted on figure 6.

Most of the conductors appears to have either a northeasterly or northwesterly strike. A northwesterly striking fault zone was observed in a roadcut at the north end of L-28-W which corresponds with a moderately strong VLF conductor. Some of the crossovers may be related to swamps. The swamps are displayed on figure 7.

CONCLUSIONS AND RECOMMENDATION

Weak, but persistent gold soil anomalies occur on the west third part of the grid. The higher gold values correspond with anomalous copper soil values. A

fill-in soil sampling programme on a 100 metres line separation, rather than the present 200 metres separation is recommended. Additional prospecting on this part of the property is also suggested.

Anomalous but somewhat erratic copper values occur between Lines 19 W to 24 W on the grid. Prospecting of this area should be carried out in order to determine whether the source is local or caused by glacial dispersion originating outside of the property.

Respectfully submitted

Gudmund Lovang

REFERENCES

1. Cockfield, W.E., "Geology and Mineral Deposits of the Nicola Map-area, B.C."; G.S.C. Memoir 249, 1948.

2. Stevenson, R.W., "Report on Geological, Geochemical and Geophysical Surveys"; DRG Mining Claims Nos. 1 to 76; Assessment Report No. 325, 1960.

3. Dirom, G.A.; Geochemical Report, "Dominic Lake Claims, Group A, B, C & E"; Assessment Report No. 1009, 1967.

4. Brynelsen, B.O. and Knauer, J.D.; "Geochemical Soil Survey, G.B. Mineral Claims". Assessment Report No. 1099, 1967.

5. Guardia, F.J.L. and Jury, R.G.; "Report on Geological and Magnetometer Surveys of the Roper Lake Group of Mineral Claims", Assessment Report No. 2102, 1969.

6. Hamilton, J.M.; "I.P. and Magnetometer Surveys", RAG Group; Assessment Report No. 2511, 1970.

7. Guardia, F.J.L.; "Report on 1971 Geochemical Survey, Dominic Lake Group"; Assessment Report No. 3458, 1971.

8. Bruaset, R.U.; "Diamond Drilling Report, RAG-APOLLO 75-1 Group"; Assessment Report No. 5673, 1975.

9. Bruaset, R.U.; "Percussion Drilling, RAG, HAPPY DAYS Mineral Claims"; Assessment Report No. 8238, 1980.

GS CLAIM

Itemized Cost Statement

Personnel

G. Lovang, Prospector April 22 to May 5, 1988 14 days @ $168/day		$ 2,352.00
G. May, Assistant April 22 to May 5, 1988 14 days @ $135/day		$ 1,890.00
D. Nikirk, Assistant April 22 to May 5, 1988 14 days @ $135/day		$ 1,890.00

Meals and Accommodation

Slumber Lodge Motel, Kamloops 42 man-days @ $40/day		$ 1,680.00

Transportation

4-wheel drive Toyota Landcruiser Rented from Redhawk, Vancouver, B.C.		$ 914.57
Diesel fuel		$ 149.03

Laboratory

Kamloops Research and Assay Laboratory Ltd., Kamloops, B.C. 596 soil samples		
Cu/Au analyses @ $8.65/sample		$ 5,155.40
Report writing, drafting		$ 1,000.00
	Total	$15,031.00

STATEMENT OF QUALIFICATIONS

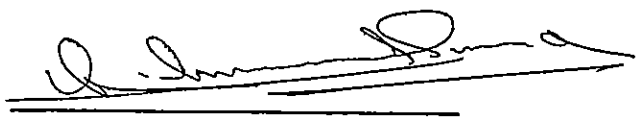
I, Gudmund Lovang, with residence at 1132 Semlin Drive, Vancouver, B.C., do hereby certify that:

1. I have been employed by Teck Explorations Limited, or its associated companies, as a geotechnician and field party chief in mineral exploration continuously for the past 18 years within British Columbia, Western U.S.A. and Ontario;

2. I have completed geophysical and geological courses at the B.C. Institute of Technology;

3. I have completed geochemical courses at the University of British Columbia;

4. I supervised the field work on the GS mineral claim described in this report.



Gudmund Lovang

APPENDIX

Laboratory Methods

Certificate of Assay

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.

Member Canadian Testing Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE (604) 372-2784 — TELEX 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO Teck Explorations Ltd.
1199 West Hastings St.
Vancouver, B.C. V6E 2K5

Certificate No K 8841
Date May 6, 1988

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

[illegible]	[illegible]	Au	Cu							
		ozs/ton	percent							
1.	10564	L.001	.09							
2.	10565	.007	.22							
3.	10566	.005	.02							
	L means "less than"									

NOTE:
Rejects retained three weeks
Pulps retained three months
unless otherwise arranged

Registered Assayer, Province of British Columbia

ADDENDUM TO ASSESSMENT REPORT #17550

GEOCHEMICAL AND GEOPHYSICAL REPORT ON THE GS MINERAL CLAIM KAMLOOPS MINING DIVISION

BY

GUDMUND LOVANG

A P P E N D I X

Geochemical Laboratory Reports

October 23, 1988
Vancouver, B.C.

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GEOCHEMICAL LAB REPORT

TECK EXPLORATIONS LIMITED
1199 WEST HASTINGS STREET
VANCOUVER, B.C.
V6E 2K5

DATE APRIL 29, 1988

FILE NO. G 1929

ATTENTION: G. LOVANG

KRAL NO.	IDENTIFICATION	AU	CU
1	0+00 L0+00	3.0	45.0
2	0+50N	3.0	34.0
3	1+00N	3.0	44.0
4	1+50N	3.0	56.0
5	2+00N	3.0	87.0
6	2+50N	3.0	52.0
7	3+00N	3.0	47.0
8	3+50N	3.0	10.0
9	4+00N	3.0	30.0
10	4+50N	3.0	30.0
11	5+00N	3.0	31.0
12	0+50S	3.0	23.0
13	1+00S	3.0	42.0
14	1+50S	3.0	24.0
15	2+00S	3.0	31.0
16	2+50S	3.0	74.0
17	3+00S	3.0	87.0
18	3+50S	3.0	66.0
19	4+00S	3.0	22.0
20	4+50S	3.0	93.0
21	5+00S L0+00	3.0	30.0
22	0+00 L2+00W	3.0	43.0
23	0+50N	3.0	100.0
24	1+00N	3.0	47.0
25	1+50N	3.0	91.0
26	2+00N	3.0	65.0
27	2+50N	3.0	45.0
28	3+00N	3.0	40.0
29	3+50N	3.0	51.0
30	4+00N	3.0	22.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT
FILE NO. G 1929

KRAL NO.	IDENTIFICATION	AU	CU
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36	2+00S	3.0	24.0
37	2+50S	3.0	109.0
38	3+00S	3.0	41.0
39	3+50S	3.0	268.0
40	4+00S	3.0	60.0
41	4+50S	20.0	49.0
42	5+00S L2+00W	3.0	45.0
43	B/L 24+00W	3.0	59.0
44	0+50N L24+00W	3.0	60.0
45	1+00N	45.0	91.0
46	1+50N	10.0	126.0
47	2+00N	30.0	99.0
48	2+50N	5.0	120.0
49	3+00N	5.0	76.0
50	3+50N	45.0	134.0
51	4+00N	20.0	532.0
52	4+50N	30.0	109.0
53	5+00N	15.0	93.0
54	0+50S	3.0	58.0
55	1+00S	3.0	60.0
56	1+50S	3.0	48.0
57	2+00S	3.0	41.0
58	2+50S	3.0	38.0
59	3+00S	3.0	38.0
60	3+50S	3.0	218.0
61	4+00S	3.0	75.0
62	4+50S	3.0	56.0
63	5+00S L24+00W	3.0	55.0
64	B/L25+00W	3.0	164.0
65	0+50N	3.0	40.0
66	1+00N	3.0	99.0
67	1+50N	3.0	74.0
68	2+00N	3.0	50.0
69	2+50N	3.0	93.0
70	3+00N	160.0	74.0

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GEOCHEMICAL LAB REPORT

FILE NO. G 1929

KRAL NO.	IDENTIFICATION	AU	CU
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74	5+00N L25+00W	3.0	120.0
75	0+50S L25W	3.0	55.0
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77	1+50S	3.0	70.0
78	2+00S	3.0	96.0
79	2+50S	3.0	46.0
80	3+00S	3.0	595.0
81	3+50S	3.0	45.0
82	4+50S	3.0	53.0
83	5+00S L25W	3.0	43.0
84	0+00(A) L26+00W	3.0	38.0
85	0+00(B)	3.0	56.0
86	0+50N	3.0	74.0
87	1+00N	3.0	148.0
88	1+50N	3.0	44.0
89	2+00N	3.0	65.0
90	2+50N	3.0	37.0
91	3+00N	3.0	54.0
92	3+50N	3.0	62.0
93	4+00N	3.0	58.0
94	4+50N	3.0	86.0
95	5+00N	35.0	169.0
96	5+50N	3.0	73.0
97	6+00N L26+00W	3.0	136.0
98	0+50S	3.0	448.0
99	1+00S	3.0	1620.0
100	1+50S	3.0	81.0
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103	3+50S	3.0	38.0
104	4+00S	3.0	63.0
105	4+50S	3.0	53.0
106	5+00S L26+00W	3.0	216.0
107	0+50N L28+00W	3.0	47.0
108	1+00N	3.0	145.0
109	1+50N	3.0	70.0
110	2+00N	3.0	74.0

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GEOCHEMICAL LAB REPORT

FILE NO. G 1929

KRAL NO.	IDENTIFICATION		AU	CU
111	2+50N		3.0	52.0
112	3+00N		3.0	21.0
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116	5+00N		3.0	61.0
117	5+50N		3.0	79.0
118	6+00N	L28+00W	3.0	45.0
119	0+50S	L28+00W	3.0	66.0
120	1+00S		3.0	44.0
121	1+50S		3.0	160.0
122	2+00S	(A)	3.0	54.0
123	2+00S	(B)	3.0	49.0
124	2+50S		3.0	1020.0
125	3+00S		3.0	51.0
126	3+50S		3.0	107.0
127	4+00S		3.0	58.0
128	4+50S		3.0	41.0
129	5+00S	L28+00W	3.0	73.0

IN AU COLUMN 3 INDICATES <5PPB

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GEOCHEMICAL LAB REPORT

TECK EXPLORATIONS LTD.
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VANCOUVER, B.C.
V6E 2K5

DATE APRIL 28, 1988

FILE NO. G 1931

ATTENTION: G. LOVANG

KRAL NO.	IDENTIFICATION	AU	CU
1	B/L 30+00W	20.0	159.0
2	0+50N	3.0	88.0
3	1+00N	3.0	54.0
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5	2+00N	3.0	83.0
6	2+50N	3.0	40.0
7	3+00N	3.0	53.0
8	3+50N	3.0	43.0
9	4+00N	3.0	67.0
10	4+50N	3.0	29.0
11	5+00N 30+00W	3.0	44.0
12	0+50S 30+00W	3.0	37.0
13	1+00S	3.0	61.0
14	1+50S	3.0	54.0
15	2+00S	3.0	127.0
16	2+50S	3.0	10.0
17	3+00S	3.0	53.0
18	3+50S	3.0	10.0
19	4+00S	3.0	91.0
20	4+50S	3.0	90.0
21	5+00S 30+00W	3.0	71.0
22	B/L 32+00W	55.0	74.0
23	0+50N	40.0	39.0
24	1+00N	5.0	85.0
25	1+50N	3.0	43.0
26	2+00N	3.0	6.0
27	2+50N	20.0	110.0
28	3+00N	35.0	52.0
29	3+50N	3.0	39.0
30	4+00N 32+00W	3.0	26.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT
FILE NO. G 1931

KRAL NO.	IDENTIFICATION	AU	CU
31	4+50N 32+00W	3.0	48.0
32	5+00N 32+00W	15.0	37.0
33	0+50S 32+00W	3.0	144.0
34	1+00S	5.0	48.0
35	1+50S	5.0	54.0
36	2+00S	3.0	82.0
37	2+50S	3.0	61.0
38	3+00S	3.0	75.0
39	3+50S	3.0	100.0
40	4+00S	15.0	48.0
41	4+50S	3.0	14.0
42	5+00S 32+00W	10.0	66.0
43	0+00N 34+00W	3.0	58.0
44	0+50N	3.0	71.0
45	1+00N	3.0	59.0
46	1+50N	3.0	72.0
47	2+00N	50.0	200.0
48	2+50N	60.0	131.0
49	3+00N	10.0	55.0
50	3+50N	3.0	42.0
51	4+00N	65.0	103.0
52	4+50N	15.0	29.0
53	5+00N 34+00W	3.0	44.0
54	0+50S 34+00W	3.0	42.0
55	1+00S	5.0	55.0
56	1+50S	3.0	60.0
57	2+00S	5.0	45.0
58	2+50S	5.0	31.0
59	3+00S	3.0	33.0
60	3+50S	3.0	37.0
61	4+00S	20.0	27.0
62	4+50S	5.0	40.0
63	5+00S 34+00W	3.0	53.0
64	0+00 36+00W	10.0	48.0
65	0+50N	3.0	37.0
66	1+00N	5.0	40.0
67	1+50N	3.0	41.0
68	2+00N	3.0	75.0
69	2+50N	3.0	40.0
70	3+00N 36+00W	3.0	69.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO. G 1931

KRAL NO.	IDENTIFICATION	AU	CU
71	3+50N 36+00W	3.0	45.0
72	4+00N	65.0	143.0
73	4+50N	3.0	50.0
74	5+00N 36+00W	3.0	451.0
75	0+50S	3.0	40.0
76	1+00S	3.0	46.0
77	1+50S	3.0	28.0
78	2+00S	3.0	27.0
79	2+50S	3.0	28.0
80	3+00S	3.0	130.0
81	3+50S	3.0	44.0
82	4+00S	3.0	39.0
83	4+50S	3.0	39.0
84	5+00S 36+00W	20.0	37.0

IN AU COLUMN 3 INDICATES <5PPB

KAMLOOPS RESEARCH
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TECK EXPLORATIONS LTD.
1199 WEST HASTINGS STREET
VANCOUVER, B.C.
V6E 2K5

DATE MAY 2, 1988

FILE NO. G 1932

ATTENTION: G. LOVANG

KRAL NO.	IDENTIFICATION	AU	CU
1	0+50N L20+00W	3.0	36.0
2	1+00N	3.0	60.0
3	1+50N	3.0	11.0
4	2+00N	3.0	87.0
5	2+50N	3.0	980.0
6	3+00N	3.0	138.0
7	3+50N	3.0	40.0
8	4+00N	3.0	57.0
9	4+50N	3.0	324.0
10	5+00N L20+00W	3.0	106.0
11	0+50S L20+00W	3.0	47.0
12	1+00S	3.0	39.0
13	1+50S	3.0	40.0
14	2+00S	3.0	109.0
15	2+50S	3.0	52.0
16	3+00S	3.0	53.0
17	3+50S	3.0	39.0
18	4+00S	3.0	114.0
19	4+50S	3.0	142.0
20	5+00S L20+00W	3.0	5.0
21	0+00N L22+00W	3.0	169.0
22	0+50N	3.0	65.0
23	1+00N	3.0	49.0
24	1+50N	3.0	332.0
25	2+00N	3.0	63.0
26	2+50N	3.0	28.0
27	3+00N	3.0	40.0
28	3+50N	3.0	40.0
29	4+00N	3.0	57.0
30	4+50N	3.0	83.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO. G 1932

KRAL NO.	IDENTIFICATION	AU	CU
31	5+00N L22+00W	3.0	54.0
32	0+50S	3.0	85.0
33	1+00S	3.0	239.0
34	1+50S	3.0	129.0
35	2+00S	3.0	92.0
36	2+50S	3.0	89.0
37	3+00S	3.0	63.0
38	3+50S	3.0	12.0
39	4+00S	3.0	43.0
40	4+50S	3.0	100.0
41	5+00S L22+00W	3.0	65.0
42	4+00S L25+00W	3.0	229.0
43	0+00 L38+00W	3.0	59.0
44	0+50N	3.0	49.0
45	1+00N	25.0	89.0
46	1+50N	3.0	75.0
47	2+00N	3.0	40.0
48	2+50N	390.0	51.0
49	3+00N	3.0	39.0
50	3+50N	30.0	59.0
51	4+00N	3.0	44.0
52	4+50N	20.0	46.0
53	5+00N L38+00W	20.0	36.0
54	0+50S L38+00W	35.0	87.0
55	1+00S	10.0	54.0
56	1+50S	30.0	87.0
57	2+00S	20.0	53.0
58	2+50S	10.0	88.0
59	3+00S	3.0	43.0
60	3+50S	3.0	95.0
61	4+00S	5.0	75.0
62	4+50S	3.0	71.0
63	5+00S L38+00W	3.0	62.0
64	B/L40+00W	370.0	102.0
65	0+50N L40+00W	3.0	40.0
66	1+00N	3.0	54.0
67	1+50N	140.0	66.0
68	2+00N	50.0	48.0
69	2+50N	110.0	4000.0
70	3+00N	75.0	91.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO. G 1932

KRAL NO.	IDENTIFICATION	AU	CU
71	3+50N	3.0	53.0
72	4+00N	3.0	45.0
73	4+50N	3.0	36.0
74	5+00N	3.0	25.0
75	0+50S L40+00W	3.0	32.0
76	1+00S	30.0	229.0
77	1+50S	20.0	45.0
78	2+00S	3.0	33.0
79	2+50S	3.0	124.0
80	3+00S	3.0	123.0
81	3+50S	3.0	185.0
82	4+00S	3.0	42.0
83	4+50S	3.0	33.0
84	5+00S L40+00W	3.0	31.0

IN AU COLUMN 3 INDICATES <5PPB

IN CU COLUMN 4000 INDICATES >4000PPM

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1199 WEST HASTINGS ST.
VANCOUVER, B.C.
V6E 2K5

DATE MAY 2, 1988

FILE NO. G 1933

ATTENTION: G LOVANG

KRAL NO.	IDENTIFICATION	AU	CU
1	0+50N L12+00W	3.0	23.0
2	1+00N	3.0	26.0
3	1+50N	3.0	25.0
4	2+00N	3.0	31.0
5	2+50N	3.0	34.0
6	3+00N	3.0	56.0
7	3+50N	3.0	26.0
8	4+00N	3.0	25.0
9	4+50N	3.0	40.0
10	5+00N	3.0	41.0
11	0+00S L12+00W	3.0	48.0
12	0+50S	3.0	46.0
13	1+00S	25.0	26.0
14	1+50S	3.0	34.0
15	2+00S	3.0	39.0
16	2+50S	3.0	78.0
17	3+00S	3.0	50.0
18	3+50S	3.0	36.0
19	4+00S	3.0	67.0
20	4+50S	3.0	42.0
21	5+00S L12+00W	3.0	37.0
22	0+00 L14+00W	3.0	68.0
23	0+50N	3.0	101.0
24	1+00N	3.0	50.0
25	1+50N	3.0	59.0
26	2+00N	3.0	113.0
27	2+50N	3.0	33.0
28	3+00N	3.0	60.0
29	3+50N	3.0	56.0
30	4+00N	3.0	67.0

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GEOCHEMICAL LAB REPORT
FILE NO. G 1933

KRAL NO.	IDENTIFICATION	AU	CU
31	4+50N	3.0	75.0
32	5+00N	3.0	36.0
33	0+50S L14+00W	3.0	73.0
34	1+00S	3.0	54.0
35	1+50S	3.0	54.0
36	2+00S	3.0	55.0
37	2+50S	3.0	47.0
38	3+00S	3.0	63.0
39	3+50S	3.0	37.0
40	4+00S	3.0	38.0
41	4+50S	3.0	36.0
42	5+00S L14+00W	3.0	37.0
43	B/L16+00W	3.0	42.0
44	0+50N L16+00W	3.0	54.0
45	1+00N	3.0	86.0
46	1+50N	3.0	91.0
47	2+00N	3.0	75.0
48	2+50N	3.0	58.0
49	3+00N	3.0	109.0
50	3+50N	3.0	40.0
51	4+00N	3.0	57.0
52	4+50N	3.0	54.0
53	5+00N	3.0	58.0
54	0+50S L16+00W	3.0	200.0
55	1+00S	3.0	43.0
56	1+50S	3.0	58.0
57	2+00S	3.0	60.0
58	2+50S	3.0	57.0
59	3+00S	3.0	255.0
60	3+50S	3.0	126.0
61	4+00S	3.0	66.0
62	4+50S	3.0	77.0
63	5+00S L16+00W	3.0	54.0
64	B/L18+00W	3.0	84.0
65	0+50N L18+00W	3.0	265.0
66	1+00N	3.0	47.0
67	1+50N	3.0	131.0
68	2+00N	3.0	42.0
69	2+50N	3.0	22.0
70	3+00N	3.0	41.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO. G 1933

KRAL NO.	IDENTIFICATION	AU	CU
71	3+50N	3.0	42.0
72	4+00N	3.0	61.0
73	4+50N	3.0	53.0
74	5+00N	3.0	59.0
75	0+50S L18+00W	3.0	53.0
76	1+00S	3.0	53.0
77	1+50S	3.0	64.0
78	2+00S	3.0	86.0
79	2+50S	3.0	31.0
80	3+00S	3.0	51.0
81	3+50S	3.0	186.0
82	4+00S	3.0	40.0
83	4+50S	3.0	54.0
84	5+00S L18+00W	3.0	37.0

IN AU COLUMN 3 INDICATES <5PPB

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TECK EXPLORATIONS LTD.
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VANCOUVER, B.C.
V6E 2K5
PROJECT: 1355
ATTENTION: G. LOVANG

DATE MAY 5, 1988

FILE NO. G 1934

KRAL NO.	IDENTIFICATION	AU	CU
1	0+00N L4+00W	3.0	46.0
2	0+50N	3.0	43.0
3	1+00N	3.0	38.0
4	1+50N	3.0	40.0
5	2+00N	3.0	45.0
6	2+50N	3.0	35.0
7	3+00N	3.0	41.0
8	3+50N	3.0	71.0
9	4+00N	3.0	97.0
10	4+50N	3.0	71.0
11	5+00N L4+00W	3.0	62.0
12	0+50S L4+00W	3.0	38.0
13	1+00S	3.0	42.0
14	1+50S	3.0	60.0
15	2+00S	3.0	30.0
16	2+50S	3.0	49.0
17	3+00S	3.0	52.0
18	3+50S	3.0	56.0
19	4+00S	3.0	44.0
20	4+50S	3.0	61.0
21	5+00S L4+00W	3.0	45.0
22	0+00 L6+00W	3.0	37.0
23	0+50N	3.0	35.0
24	1+00N	3.0	36.0
25	1+50N	3.0	115.0
26	2+00N	3.0	76.0
27	2+50N	3.0	30.0
28	3+00N	3.0	65.0
29	3+50N	3.0	55.0
30	4+00N	3.0	92.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

GEOCHEMICAL LAB REPORT

FILE NO. G 1934

KRAL NO.	IDENTIFICATION	AU	CU
31	4+50N	3.0	56.0
32	5+00N L6+00W	3.0	29.0
33	0+50S L6+00W	3.0	28.0
34	1+00S	3.0	38.0
35	1+50S	3.0	40.0
36	2+00S	3.0	36.0
37	2+50S	3.0	6.0
38	3+00S	3.0	44.0
39	3+50S	3.0	55.0
40	4+00S	3.0	45.0
41	4+50S	3.0	33.0
42	5+00S L6+00W	3.0	43.0
43	BL8+00W	3.0	90.0
44	0+50N L8W	3.0	74.0
45	1+00N	3.0	42.0
46	1+50N	3.0	106.0
47	2+00N	3.0	70.0
48	2+50N	3.0	93.0
49	3+00N	3.0	43.0
50	3+50N	3.0	42.0
51	4+00N	3.0	42.0
52	4+50N	3.0	40.0
53	5+00N L8W	3.0	143.0
54	0+50S L8W	3.0	49.0
55	1+00S	3.0	43.0
56	1+50S	3.0	95.0
57	2+00S	3.0	45.0
58	2+50S	3.0	48.0
59	3+00S	3.0	84.0
60	3+50S	3.0	60.0
61	4+00S	3.0	67.0
62	4+50S	3.0	74.0
63	5+00S L8W	3.0	60.0
64	BL10+00W	3.0	43.0
65	0+50N L10W	3.0	331.0
66	1+00N	3.0	73.0
67	1+50N	3.0	76.0
68	2+00N	3.0	26.0
69	2+50N	3.0	49.0
70	3+00N	3.0	62.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT
FILE NO. G 1934

KRAL NO.	IDENTIFICATION	AU	CU
71	3+50N	3.0	51.0
72	4+00N	3.0	59.0
73	4+50N	3.0	31.0
74	5+00N L10W	3.0	216.0
75	0+50S L10W	3.0	70.0
76	1+00S	3.0	59.0
77	1+50S	3.0	48.0
78	2+00S	3.0	44.0
79	2+50S	3.0	43.0
80	3+00S	3.0	40.0
81	3+50S	3.0	203.0
82	4+00S	3.0	51.0
83	4+50S	3.0	42.0
84	5+00S L10W	3.0	149.0

IN AU COLUMN 3 INDICATES <5PPB

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1199 WEST HASTINGS STREET
VANCOUVER, B.C.
V6E 2K5
PROJECT: 1355
ATTENTION: G LOVANG

DATE MAY 5, 1988

FILE NO. G 1936

KRAL NO.	IDENTIFICATION	AU	CU
1	BL 20+00W	3.0	46.0
2	0+25S L26+00W	3.0	82.0
3	0+75S	3.0	146.0
4	1+25S	3.0	150.0
5	2+00S L26+00W	3.0	51.0

IN AU COLUMN 3 INDICATES <5PPB

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GEOCHEMICAL LAB REPORT

TECK EXPLORATIONS LTD.
1199 WEST HASTINGS STREET
VANCOUVER, B.C.
V6E 2K5
ATTENTION: G. LOVANG
PROJECT: JOB #1355

DATE MAY 12, 1988

FILE NO. G 1939

KRAL NO.	IDENTIFICATION	AU	CU
1	0+50N L21+00W	3.0	47.0
2	1+00N	20.0	200.0
3	1+50N	10.0	90.0
4	2+00N	3.0	91.0
5	2+50N	3.0	59.0
6	3+00N	3.0	319.0
7	3+50N	5.0	55.0
8	4+00N	3.0	48.0
9	4+50N	25.0	88.0
10	5+00N	5.0	80.0
11	0+00S	3.0	25.0
12	0+50S	3.0	52.0
13	1+00S	5.0	152.0
14	1+50S	3.0	48.0
15	2+00S	5.0	69.0
16	2+50S	20.0	73.0
17	3+00S	3.0	48.0
18	3+50S	3.0	62.0
19	4+00S	3.0	47.0
20	4+50S	3.0	28.0
21	5+00S L21+00W	3.0	91.0
22	0+00 L23+00W	3.0	64.0
23	0+50N	3.0	54.0
24	1+00N	3.0	49.0
25	1+50N	3.0	71.0
26	2+00N	3.0	86.0
27	2+50N	3.0	48.0
28	3+00N	3.0	142.0
29	3+50N	3.0	71.0
30	4+00N	3.0	180.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO. G 1958

KRAL NO.	IDENTIFICATION	AU	GU
31	4+50N	3.0	590.0
32	5+00N	3.0	49.0
33	0+50S	3.0	1320.0
34	1+00S	3.0	98.0
35	1+50S	3.0	59.0
36	2+00S	3.0	62.0
37	2+50S	3.0	235.0
38	3+00S	3.0	41.0
39	3+50S	3.0	40.0
40	4+00S	3.0	23.0
41	4+50S	3.0	75.0
42	5+00S L23+00W	3.0	184.0
43	B/L L27+00W	3.0	52.0
44	0+50N	3.0	46.0
45	1+00N	3.0	30.0
46	1+50N	3.0	55.0
47	2+00N	3.0	40.0
48	2+50N	3.0	56.0
49	3+00N	3.0	120.0
50	3+50N	3.0	180.0
51	4+00N	3.0	32.0
52	4+50N	3.0	84.0
53	5+00N	3.0	65.0
54	0+50S	3.0	49.0
55	1+00S	3.0	50.0
56	1+50S	3.0	41.0
57	2+00S	3.0	28.0
58	2+50S	3.0	50.0
59	3+00S	3.0	51.0
60	3+50S	3.0	207.0
61	4+00S	3.0	285.0
62	4+50S	3.0	321.0
63	5+00S L27+00W	3.0	399.0
64	B/L L29+00W	3.0	138.0
65	0+50N	3.0	38.0
66	1+00N	3.0	30.0
67	1+50N	3.0	78.0
68	2+00N	3.0	35.0
69	2+50N	3.0	44.0
70	3+00N	3.0	74.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO. G 1989

KRAL NO.	IDENTIFICATION		AU	CU
71	3+50N		3.0	62.0
72	4+00N		3.0	82.0
73	4+50N		3.0	58.0
74	5+00N		3.0	147.0
75	0+50S		3.0	56.0
76	1+00S		3.0	80.0
77	1+50S		3.0	58.0
78	2+00S		50.0	42.0
79	2+50S		3.0	48.0
80	3+00S		3.0	33.0
81	3+50S		3.0	73.0
82	4+00S		3.0	50.0
83	4+50S		3.0	47.0
84	5+00S	L29+00W	3.0	49.0

IN AU COLUMN 3 INDICATES <5PPB

CU REPORTED IN PPM

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GEOCHEMICAL LAB REPORT

TECK EXPLORATIONS LTD.
1199 WEST HASTINGS STREET
VANCOUVER, B.C.
V6E 2K5
ATTENTION: G. LOVANG
PROJECT: JOB #1355

DATE MAY 12, 1988

FILE NO. G 1940

KRAL NO.	IDENTIFICATION	AU	CU
1	0+00 L17+00W	3.0	73.0
2	0+50N	3.0	77.0
3	1+00N	3.0	43.0
4	1+50N	3.0	102.0
5	2+00N	3.0	37.0
6	2+50N	3.0	37.0
7	3+00N	3.0	29.0
8	3+50N	3.0	46.0
9	4+00N	3.0	58.0
10	4+50N	3.0	80.0
11	5+00N	3.0	63.0
12	0+50S	3.0	50.0
13	1+00S	3.0	37.0
14	1+50S	3.0	40.0
15	2+00S	3.0	41.0
16	2+50S	3.0	38.0
17	3+00S	3.0	34.0
18	3+50S	3.0	35.0
19	4+00S	3.0	41.0
20	4+50S	3.0	40.0
21	5+00S L17+00W	3.0	42.0
22	0+50N L19+00W	3.0	45.0
23	1+00N	3.0	13.0
24	1+50N	3.0	34.0
25	2+00N	3.0	36.0
26	2+50N	3.0	30.0
27	3+00N	3.0	49.0
28	3+50N	3.0	15.0
29	4+00N	3.0	225.0
30	4+50N	3.0	56.0

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.
GEOCHEMICAL LAB REPORT

FILE NO. G 1940

KRAL NO.	IDENTIFICATION	AU	CU
31	5+00N	3.0	34.0
32	0+00 L19+00W	3.0	58.0
33	0+50S	3.0	43.0
34	1+00S	3.0	40.0
35	1+50S	3.0	49.0
36	2+00S	3.0	106.0
37	2+50S	3.0	45.0
38	3+00S	3.0	35.0
39	3+50S	3.0	48.0
40	4+00S	3.0	30.0
41	4+50S	3.0	30.0
42	5+00S	3.0	46.0

IN AU COLUMN 3 INDICATES <5PPB

CU REPORTED IN PPM

50° 37'
120° 41'
120° 40'
120° 39'
120° 38'
50° 36'

DURAND LAKE

5000

5300

5500

FIRE LOOKOUT

L 5843

L 5912

GREENSTONE MOUNTAIN

5884'

KWILALKWILA LAKE

GRACE LAKE

N

Mal 10564

Mal

SILICIFIED Py

MAFIC DYKE

FLOAT MALACHITE

Py 10566

Py

3 Py

10565 Cp

CLAIM BOUNDARY

LCP GS M.C. 2N/8W

5100

5200

L 5834

L 5833

L 5832

DOMINIC LAKE

LEGEND

- 3 Diorite
- 2 Monzonite
- 1 Andesite
- Fault
- Outcrop
- Road
- x Sample
- Logged Areas
- Py Pyrite
- Mal Malachite
- Cp Chalcopyrite

CONTOUR INTERVAL 100 FEET

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,550

TECK EXPLORATIONS LIMITED

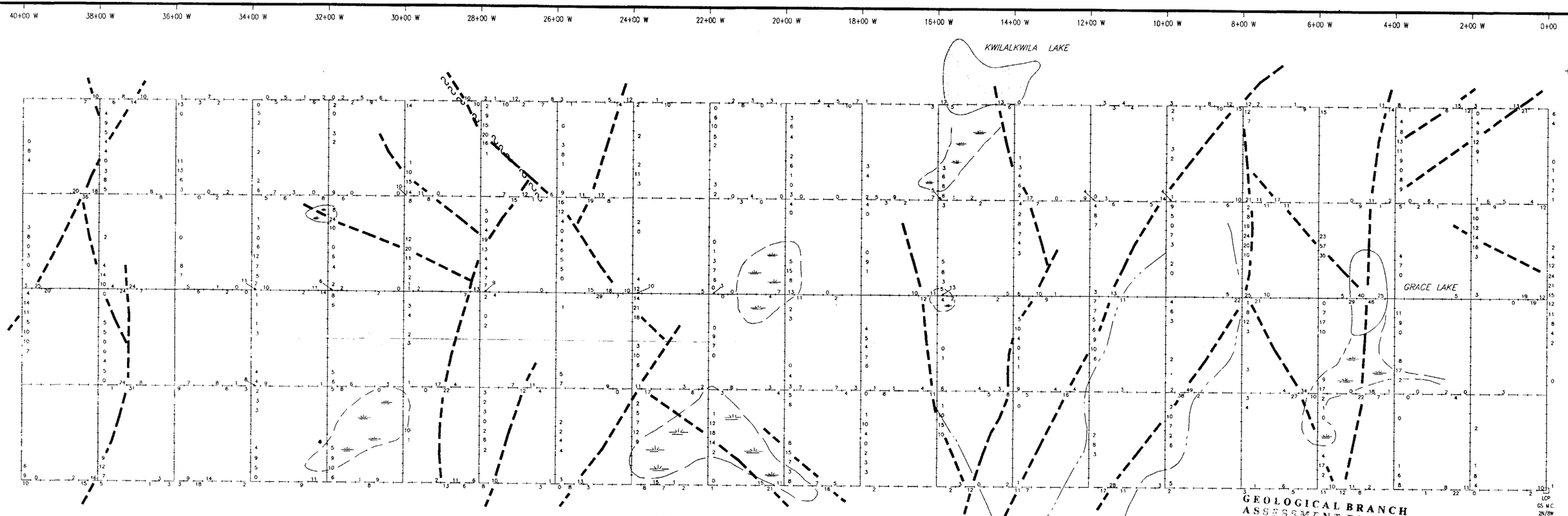
GREENSTONE MOUNTAIN

KAMLOOPS MINING DIVISION

GENERALIZED GEOLOGY AND PHYSIOGRAPHY MAP

0 100 200 300 400 500
METRES

COMPILED BY:		DATE:	FIG. No. 7
DRAWN BY: W.R.	SCALE: 1:5000	N.T.S. CHERRY CK. 92-I/10 E	



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,550

LEGEND

VLF CONDUCTORS

FAULT

FRASER FILTERED DIP ANGLE VALUES
ONLY POSITIVE VALUES PLOTTED.

THIS STATION USED FOR
EAST–WEST LINES

Transmitting Station
Seattle, Washington
191° Az

Transmitting Station
Annapolis, Maryland
100° Az

THIS STATION USED FOR
NORTH–SOUTH LINES

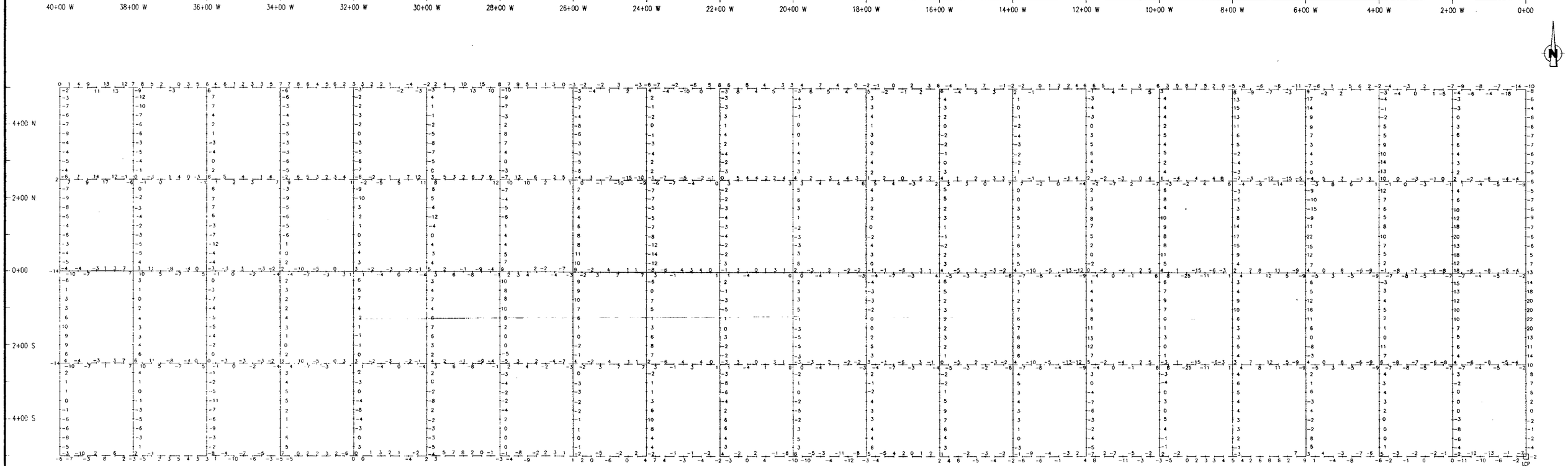
INSTRUMENT: CRONE RADEM

TECK EXPLORATIONS LIMITED
GREENSTONE MOUNTAIN
KAMLOOPS MINING DIVISION

VLF–EM SURVEY
(FILTERED DATA)

0 100 200 300 400 500
METRES

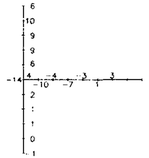
COMPILED: G.L., D.N. | DATE: JUNE 88 | SCALE: 1:5000 | FIG. 6



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,550

LEGEND



DIP ANGLE OF IN-PHASE COMPONENT

DIPS EAST AND NORTH = POSITIVE

DIPS WEST AND SOUTH = NEGATIVE

THIS STATION USED FOR EAST-WEST LINES

Transmitting Station Seattle, Washington

191° Az

Transmitting Station Annapolis, Maryland

100° Az

THIS STATION USED FOR NORTH-SOUTH LINES

INSTRUMENT: CRONE RADEM

TECK EXPLORATIONS LIMITED

GREENSTONE MOUNTAIN

KAMLOOPS MINING DIVISION

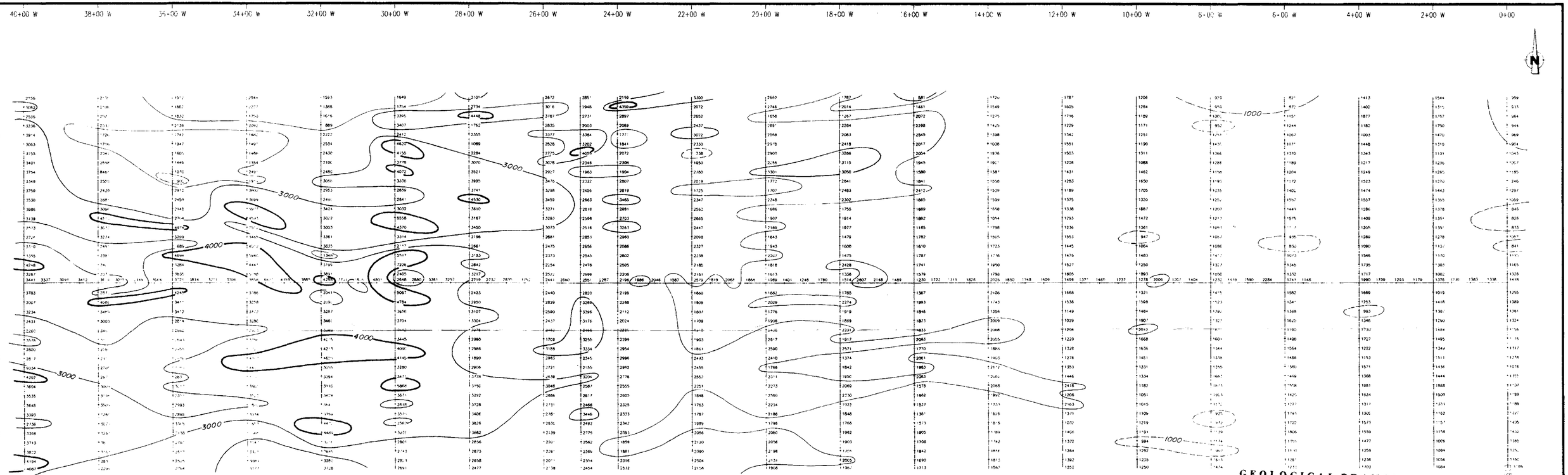
VLF-EM SURVEY

(UNFILTERED DATA)

0 100 200 300 400 500

METRES

COMPILED: D.N	DATE: JUNE 88	SCALE: 1:5000	FIG. 5



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,550

CONTOURS

1000
2000
3000
4000

POSTINGS

3578
2800
2817
3034 GAMMAS
4382
3636

NOTE DATUM 56,000 GAMMAS

INSTRUMENT

EG & G GEOMETRICS PORTABLE
PROTON MAGNETOMETER,
MODEL 5816/826A
SERIAL NO. 1663

OPERATOR

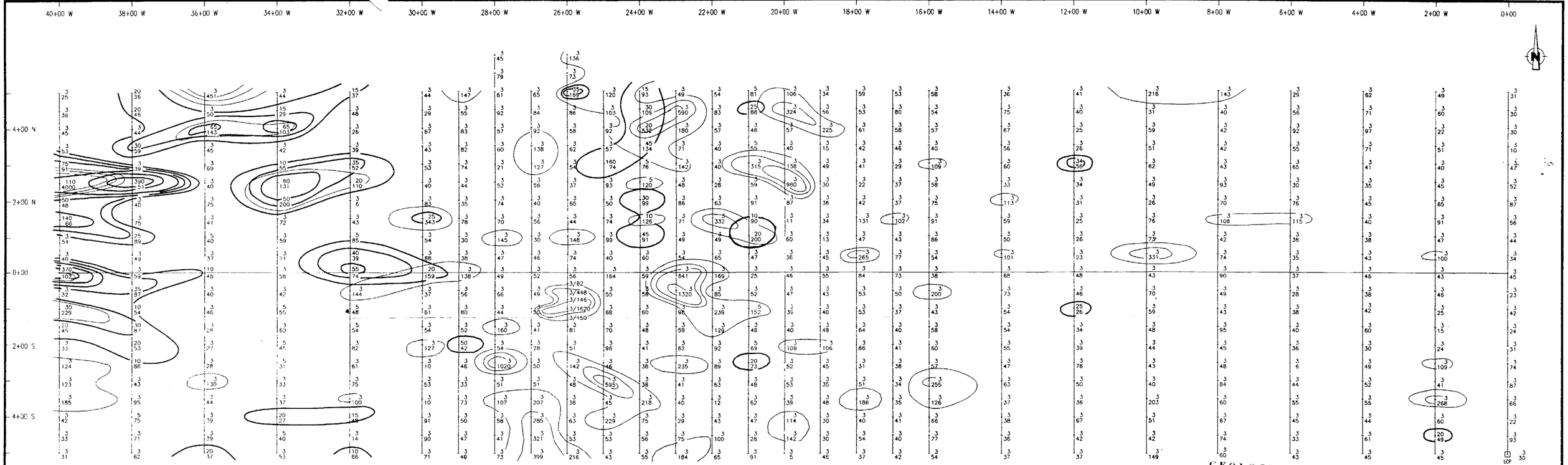
G. MAY

BLOCK EXPLORATIONS LIMITED
GREENSTONE MOUNTAIN
KAMLOOPS MINING DIVISION

MAGNETOMETER SURVEY

0 100 200 300 400 500
METRES

COMPILED G.M. | DATE JUNE, 88 | SCALE 1:5000 | FIG. 4



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,550

LEGEND

GOLD CONTOURS: 10 ppb, 25 ppb, 50 ppb, 100 ppb, 200 ppb, 300 ppb

COPPER CONTOURS: 100 ppm, 250 ppm, 500 ppm

NOTE: ALL GOLD VALUES PLOTTED AS 3 ppb ARE < 5ppb

TECK EXPLORATIONS LIMITED
GREENSTONE MOUNTAIN
KAMLOOPS MINING DIVISION

SOIL GEOCHEMISTRY

Au in ppb – Cu in ppm

0 100 200 300 400 500
METRES

COMPILED: G.L.	DATE: JUNE 88	SCALE: 1:5000	FIG. 3