

GEOCHEMICAL REPORT

on the

J.H.G. GROUP OF CLAIMS

Located near Eaglet Lake

54°, 122° S.E.

93 J / 1W

Cariboo M.D.

3043

J. H. Montgomery, Ph. D., P. Eng.

Work done between September 1, 1970
and February 28, 1971

May 17, 1971

**Department of
Mines and Petroleum Resources
ASSESSMENT REPORT**

NO. 3043 MAP _____



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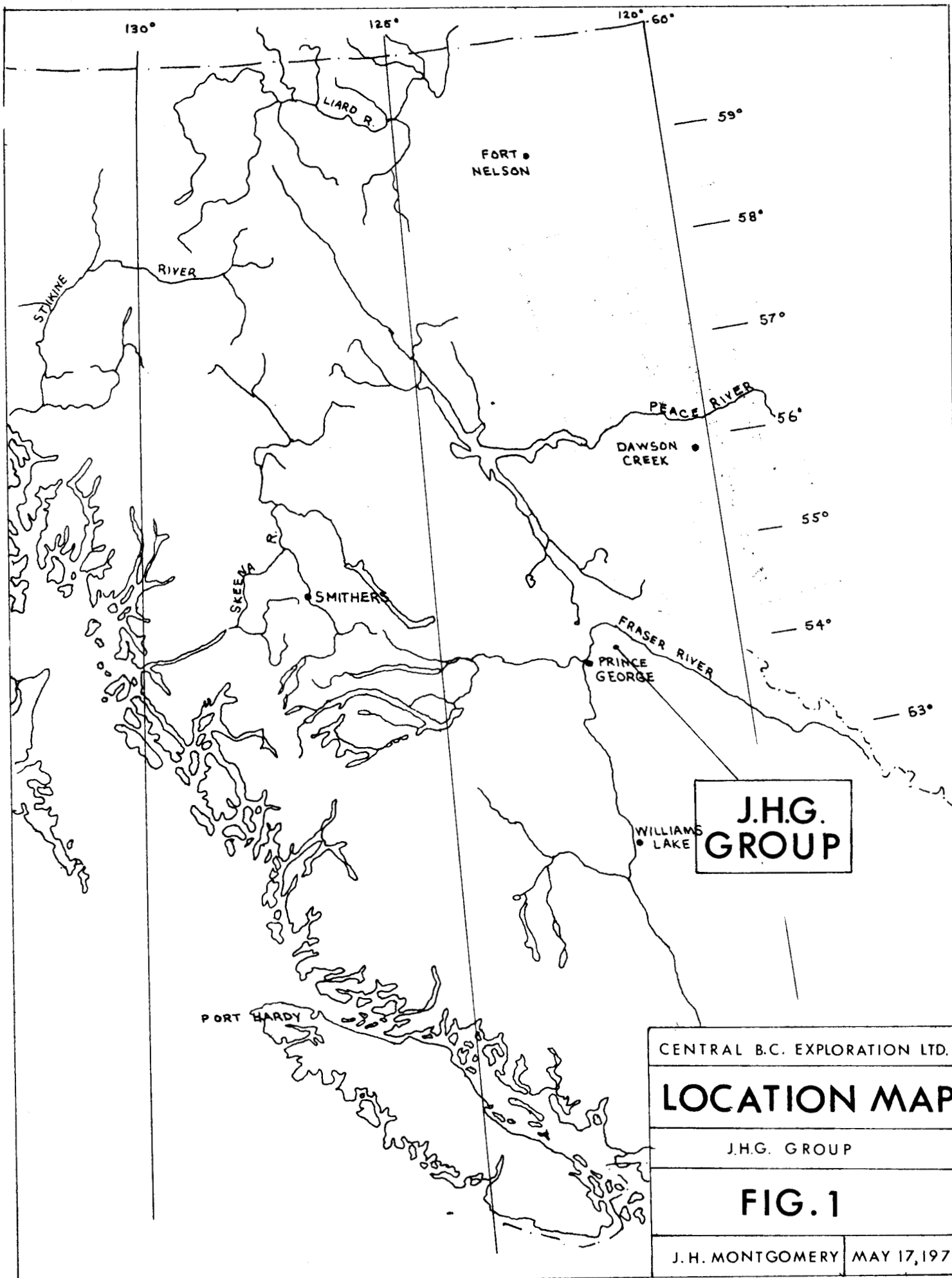
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INTRODUCTION

The following report is a record of the work done on the J.H.G. Group of mineral claims during the period of September 1, 1970 to February 28, 1971. Details of the work done and a cost breakdown are included.

LOCATION AND ACCESS

The claims are located on the south side of Eaglet Lake, about 21 miles northeast of Prince George, B.C. (N.T.S. Ref. 93J; Lat. 54°05'N., Long. 122°18'W.) See Figure 1.



130°

125°

120° 60'

59°

58°

57°

56°

55°

54°

53°

FORT NELSON

LIARD R.

RIVER

STIKINE

PEACE RIVER

DAWSON CREEK

SKEENA R.

SMITHERS

FRASER RIVER

PRINCE GEORGE

WILLIAMS LAKE

**J.H.G.
GROUP**

PORT HARDY

CENTRAL B.C. EXPLORATION LTD.

LOCATION MAP

J.H.G. GROUP

FIG. 1

J. H. MONTGOMERY MAY 17, 1971

PROPERTY AND OWNERSHIP

The claims are owned by Central B.C. Exploration Limited (N.P.L.) of Vancouver, B.C. Particulars of the claims are given in the following table:

<u>CLAIM</u>	<u>RECORD NUMBER</u>	<u>EXPIRY DATE</u>
J.H.G. 1-10	28327-336	May 20, 1971.
Samson 3-14	28894-905	January, 1972.
Samson 19-22	29274-277	"
Elsa Fraction		

STATEMENT OF COST

Field Crew

Line-cutting and soil sampling \$3,154.40

Board Loss--225 man-days @ \$7/man-day 1,575.00

Transportation--FWD Truck--3 Months 1,200.00

Engineering, Report Preparation 360.00

Geochemical Analyses 2,871.25

TOTAL \$9,160.65

Declared before me at the *City*
of *Abbotsford*, in the
Province of British Columbia, this *27*
day of *May* *1971*, A.D.

J. H. Montgomery

J. H. Montgomery
A Commissioner for taking Affidavits within British Columbia or
A Notary Public in and for the Province of British Columbia,

SUB-MINING RECORDER

PERSONNEL

	<u>Period Worked</u>	<u>Amount</u>
1. <u>Max Martin</u>	Sept.-Oct./70	\$1,211.20
2. <u>Clyde Hill</u>	Nov./70-Feb./71	411.20
3. <u>Harold Davies</u>	Nov./70-Feb./71	920.00
4. <u>Herman Byman</u>	Oct./70	312.00
5. <u>Claude Morin</u>	Sept./70	300.00
		<hr/>
	TOTAL	225 days
		<u>\$3,154.40</u>

Declared before me at the City
of Vancouver, in the
Province of British Columbia, this 27
day of May 1971, A.D.

J. H. Montgomery

John Surran
A Commissioner for taking Affidavits within British Columbia or
A Notary Public in and for the Province of British Columbia.

SUB-MINING RECORDER

QUALIFICATIONS

Max Martin of Vancouver, B.C. is an experienced prospector who has had considerable experience in geochemical soil sampling. He and Mr. J. Gerlitzki, president of the company, supervised the survey.

Clyde Hill of North Nechako, B.C. was instructed in the field of the proper method of soil sampling. The others were employed as linecutters except for Harold Davies who was cook.

GEOCHEMICAL SURVEY

A total of about 1300 soil samples were taken over the J.H.G. Group of mineral claims during the period between September, 1970 and February 28, 1971.

(a) Field Procedure

The samples were taken from the B horizon at intervals of 100 feet along lines 400 feet apart. Some detail work was done on lines 100 feet apart. The samples were collected in kraft envelopes designed for the purpose and shipped to Warnock-Hersey International Limited of Vancouver, B.C. for chemical analysis.

(b) Analytical Procedures

The samples were dried and sieved with the -80 mesh fraction retained for analysis. The samples were analyzed for silver and mercury.

For silver, an acid digestion (H_2SO_4 , HNO_3 , HCl) was used. The extracted silver was determined by atomic absorption.

Mercury was determined by means of a Lemaire S-1 mercury vapour detector.

(c) Interpretation of Results

The values for silver and mercury in parts per million (p.p.m.) are plotted in Figure 3. By inspection, threshold values of 1.5 p.p.m. were chosen for both silver and mercury. Using these values, the following list of anomalies was compiled. Those of particular interest, i.e. those with highest silver values, have been marked with *.

SILVER-MERCURY ANOMALIES

<u>Location</u>	<u>Ag(p.p.m.)</u>	<u>Hg(p.p.m.)</u>
22W 35+50S	1.8	2.5
22W 38+50S	1.8	2.9
24W 37+50S	1.8	3.9
30W 37S	1.8	1.75
32W 44S	2.2	3.6
36E 5N	2.1	2.75
4E 0N	1.9	2.6
16E 11N	1.7	3.85
16E 10S	2.0	1.6
16E 11S	1.8	2.5
28E 3S	2.6	2.5
28E 5S	1.8	1.85
* 40E 5N	14.8	0.25
* B.L. 36N	4.5	0.5
* 24E 11S	6.0	0.75
34E 6N	1.6	1.6
34E 6+50N	1.8	1.75
* 36E 4+50N	5.3	1.9
36E 2+50N	2.1	2.2

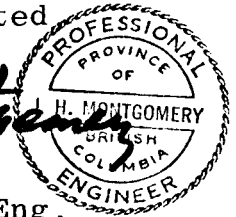
CONCLUSIONS AND RECOMMENDATIONS

The anomalous values in silver and mercury indicate a possible trend of mineralization running from 40E 5N to 16E 10S in a northeasterly direction. This area appears to be of prime interest and should be further investigated.

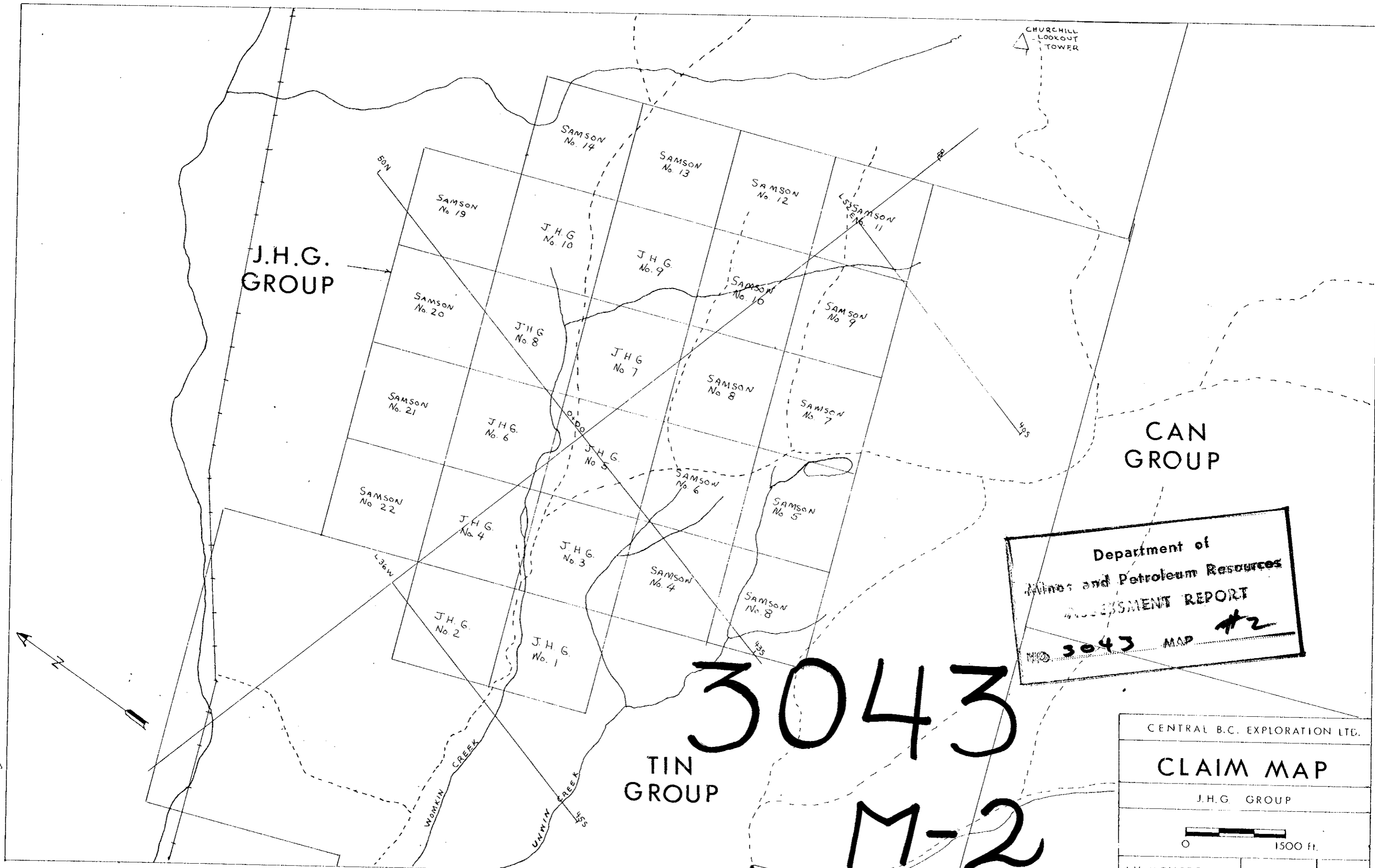
Respectfully submitted

J. H. Montgomery

J.H.Montgomery, P. Eng.



May 17, 1971.



J.H.G.
GROUP

CAN
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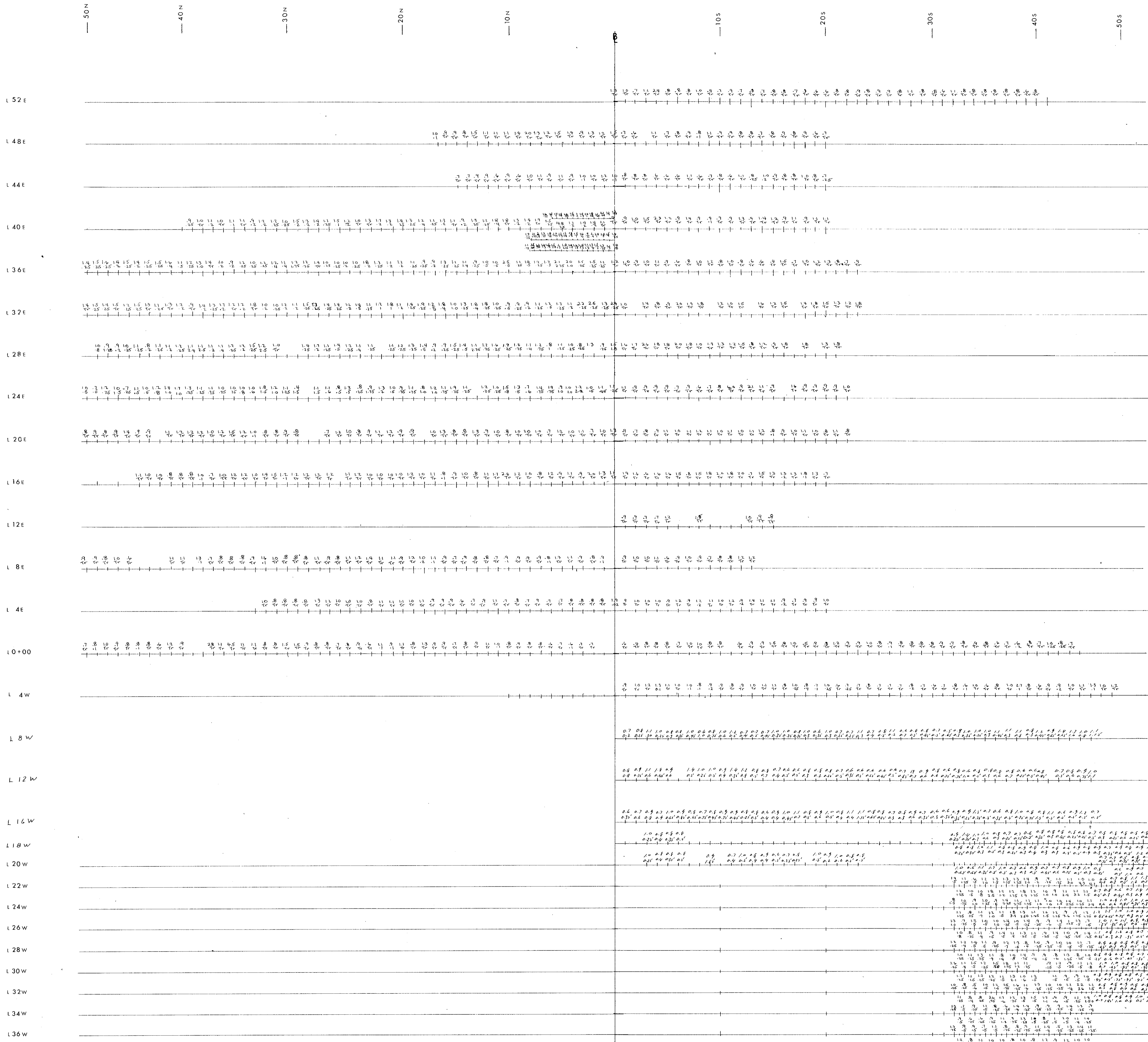
Department of
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ASSESSMENT REPORT
NO. 3043 MAP #2

3043

M-2

CENTRAL B.C. EXPLORATION LTD.
CLAIM MAP
J.H.G. GROUP
0 1500 ft.
J.H. MONTGOMERY MAY 17, 1971 FIG. 2

Hg-Ag SOIL SURVEY



Ag = 1.2 ppm.
Hg = .3 ppm.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3043 MAP #3

3043 M-3

CENTRAL B.C. EXPLORATION LTD.
GEOCHEM. SAMPLE MAP
J.H.G. GROUP
0 400 800 H.
J.H. MONTGOMERY MAY 17, 1971 FIG. 3

To accompany Geochem.
Rept. by J.H. Montgomery
dated May 11, 1971