

5024

92 H/7E

REPORT
ON

GEOPHYSICAL SURVEYS AND TRENCHING ON
MAE 1-21, MAE 36-47 AND MIKE 1-2 ON
WHIPSAW CREEK NEAR PRINCETON, B.C.
(WORK DONE JUNE 10 TO JUNE 27, 1974)

SIMILKAMEEN MINING DIVISION

LATITUDE: 49 17N LONGITUDE: 120 43W

on behalf of

WHIPSAW MINES LIMITED

by

J.H. Montgomery, P.Eng.

G.H. Giroux, P.Eng.

June 27, 1974

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. **5024** MAP.....



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REPORT
ON
GEOPHYSICAL SURVEYS AND TRENCHING ON
MAE 1-21, MAE 36-47 AND MIKE 1-2.

INTRODUCTION

This report is a record of the work done on the MAE Group of mineral claims located on Whipsaw Creek in Similkameen Mining Division during the period June 10 to June 27, 1974 on behalf of the owners, Whipsaw Mines Limited of Vancouver, B.C.

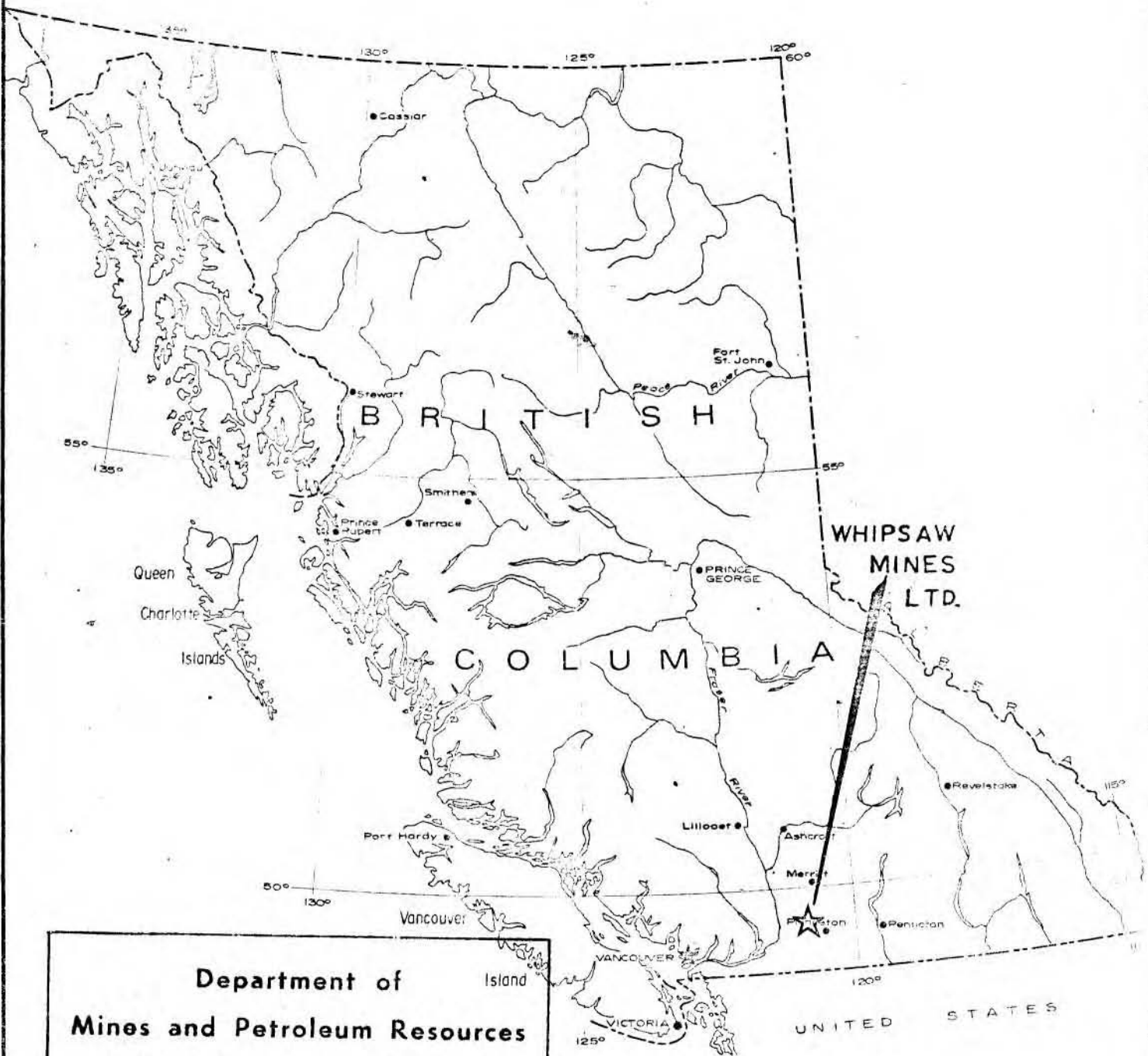
The work consists primarily of Self Potential surveys and trenching of anomalous zones along with the necessary rehabilitation of roads and lines to provide access for the surveys.

LOCATION AND ACCESS

The property is located on Whipsaw Creek about 16 miles southwest of Princeton, B.C. in Similkameen Mining Division. NTS Reference: 92H 7E; Latitude-49 17N; Longitude-120 43W. See Figure 1.

The property is accessible by 12 miles of dirt road from a point about 8 miles south of Princeton, B.C. on Highway 3. Additional FWD roads provide access to the different parts of the property.

The property lies between elevations of 4500 and 5500 feet along the wooded, moderate slopes of Whipsaw Creek Valley.



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FIG. 1

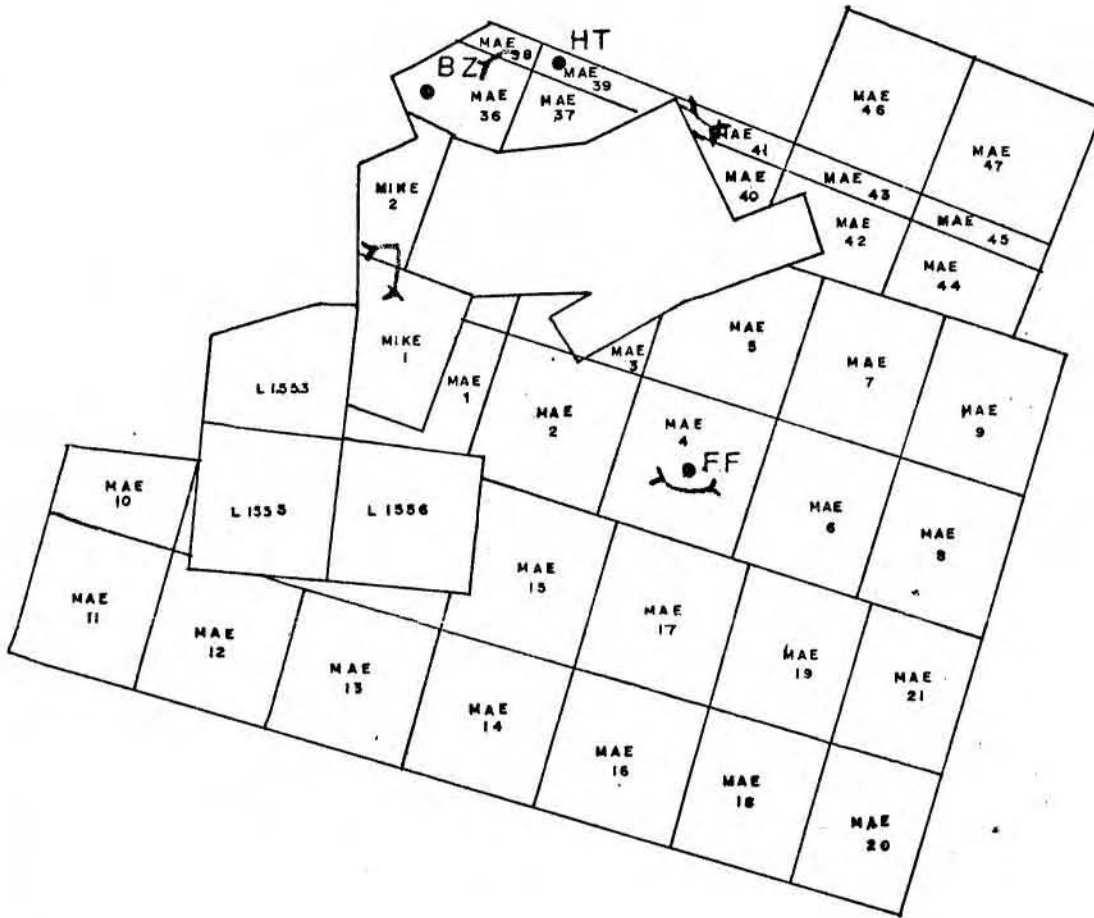
PROPERTY LOCATION MAP



CLAIM INFORMATION

The Mae Group is comprised of 35 contiguous claims as shown in Figure 2. Claim information obtained from the Mining Recorder's Office in Vancouver, is listed below in the following table:

NAME	RECORD NO.	EXPIRY DATE
MAE 1 FRACTION	20532	JUNE 27, 1977
MAE 2	20533	JUNE 27, 1977
MAE 3 FRACTION	20534	JUNE 27, 1978
MAE 4	** 20535	JUNE 27, 1976
MAE 5	20536	JUNE 27, 1977
MAE 6	** 20537	JUNE 27, 1976
MAE 7	20538	JUNE 27, 1977
MAE 8	** 20539	JUNE 27, 1976
MAE 9	20540	JUNE 27, 1977
MAE 10 FRACTION	* 20541	JUNE 27, 1975
MAE 11-14	* 20542-20545	JUNE 27, 1975
MAE 15, 17	** 20546, 20548	JUNE 27, 1976
MAE 16	* 20547	JUNE 27, 1975
MAE 18-21	* 20549-20552	JUNE 27, 1975
MAE 36 FRACTION	** 20567	JUNE 27, 1976
MAE 37 FRACTION	** 20568	JUNE 27, 1976
MAE 38-39	** 20569-20570	JUNE 27, 1976
MAE 40 FRACTION	** 20571	JUNE 27, 1977
MAE 41-44	** 20572-20575	JUNE 27, 1977
MAE 45-47	* 20576-20578	JUNE 27, 1976
MIKE 1	** 17066	APRIL 27, 1976
MIKE 2	** 17067	APRIL 27, 1977



- BZ - BZ GRID
- HT - HT LINE
- FF - FF GRID
- ↔ - TRENCH (4)

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0 2000 FT

CLAIM MAP
WHIPSAW MINES LTD.
June 27/74 FIG. 2

The MAE claims (33 claims) and the MIKE claims (2 claims) have been regrouped to form the MAE GROUP and 45 claim-years of work recorded. In the foregoing Table, those claims marked * have had one year of work applied and those marked ** have had two years of work applied. The claims are all owned by Whipsaw Mines Limited (now Whipsaw Resources Limited).

WORK DONE

The work was done on the property during the period June 10 to June 27, 1974 under the supervision of J.H. Montgomery, P.Eng.

The work consisted of road rehabilitation to provide access to various parts of the property, self-potential surveys, trenching, mapping and reopening of the adit on Five Fissures prospect. Details of the work are provided in the following text and maps. Cost breakdown and personnel are detailed in the Appendices.

SELF-POTENTIAL SURVEY

(a) Instrumentation:

UNIT: Terra Physics High Z Model with meter readout.

SCALES: 0-50 millivolts
 0-100 millivolts
 0-500 millivolts
 0-1000 millivolts
 0-5000 millivolts

POWER SUPPLY: 2- 9 volt transistor batteries.

MANUFACTURER: Salt Lake City, Utah.

(b) Method of Use:

The standard method of self-potential survey was used with the near pot stationary and the far pot moving out at intervals of 100 FT. All readings were adjusted to relate to the first base station and results were plotted at front pot location.

(c) Results:

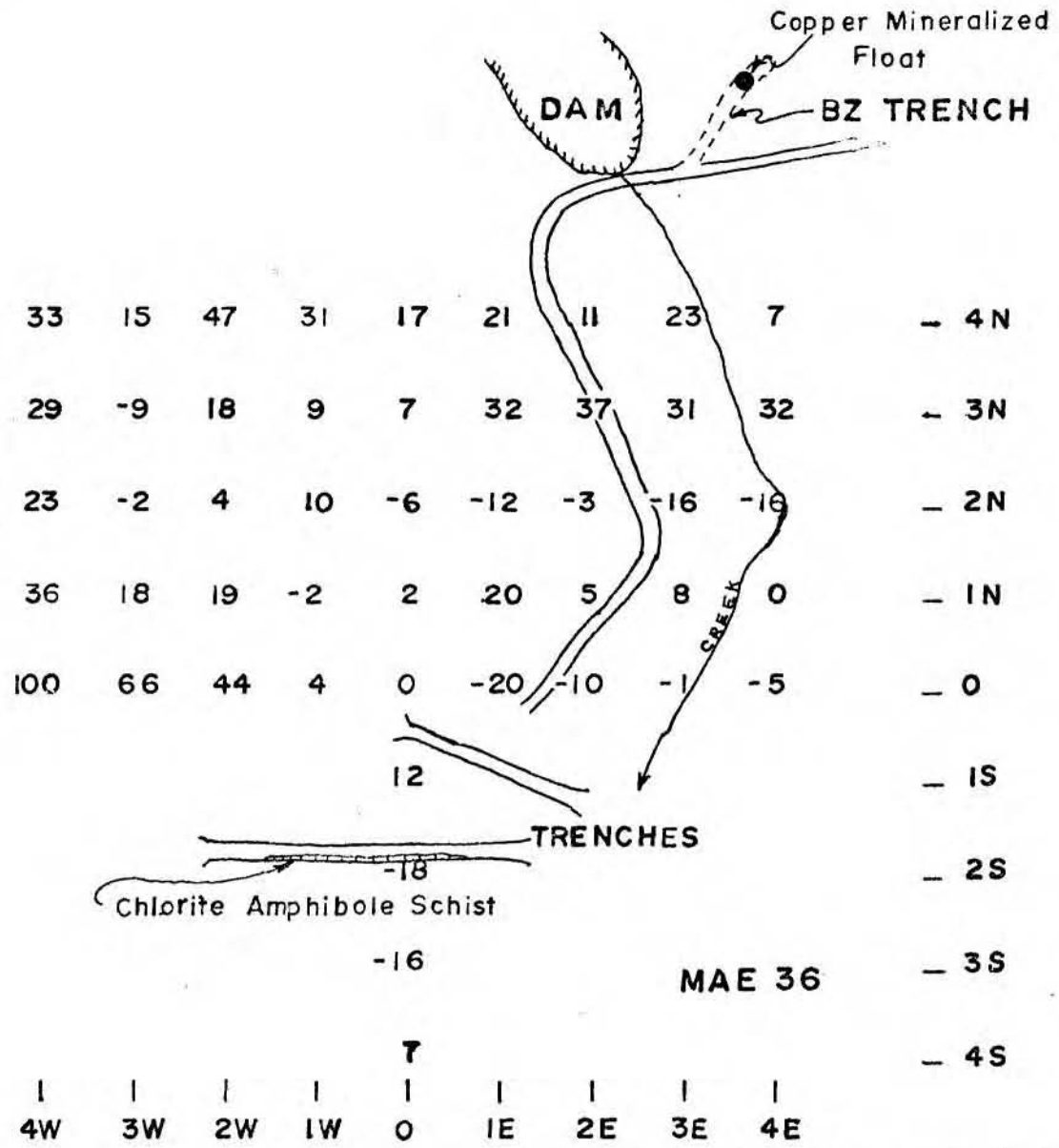
Three separate surveys were conducted over different parts of the property. Location of the work is shown on Figure 2 and the results are plotted on Figures 3A, 3B and 3C.

(i) BZ GRID:

Relative to the base station at ON/OE, some negative potential is indicated near the trenches and to the east and northeast of the trenches. Bedrock, which is exposed in the trench shown in Figure 3A, is chlorite-amphibole schist with some pyrite mineralization. The latter is probably the cause of the broad, slightly anomalous self-potential.

(ii) FF GRID:

Three separate lines of self-potential survey were run across the Five Fissures showing, one above or to the north of the main surface exposure, one across the exposed face and



5 - SP VALUES IN MIL. VOLTS

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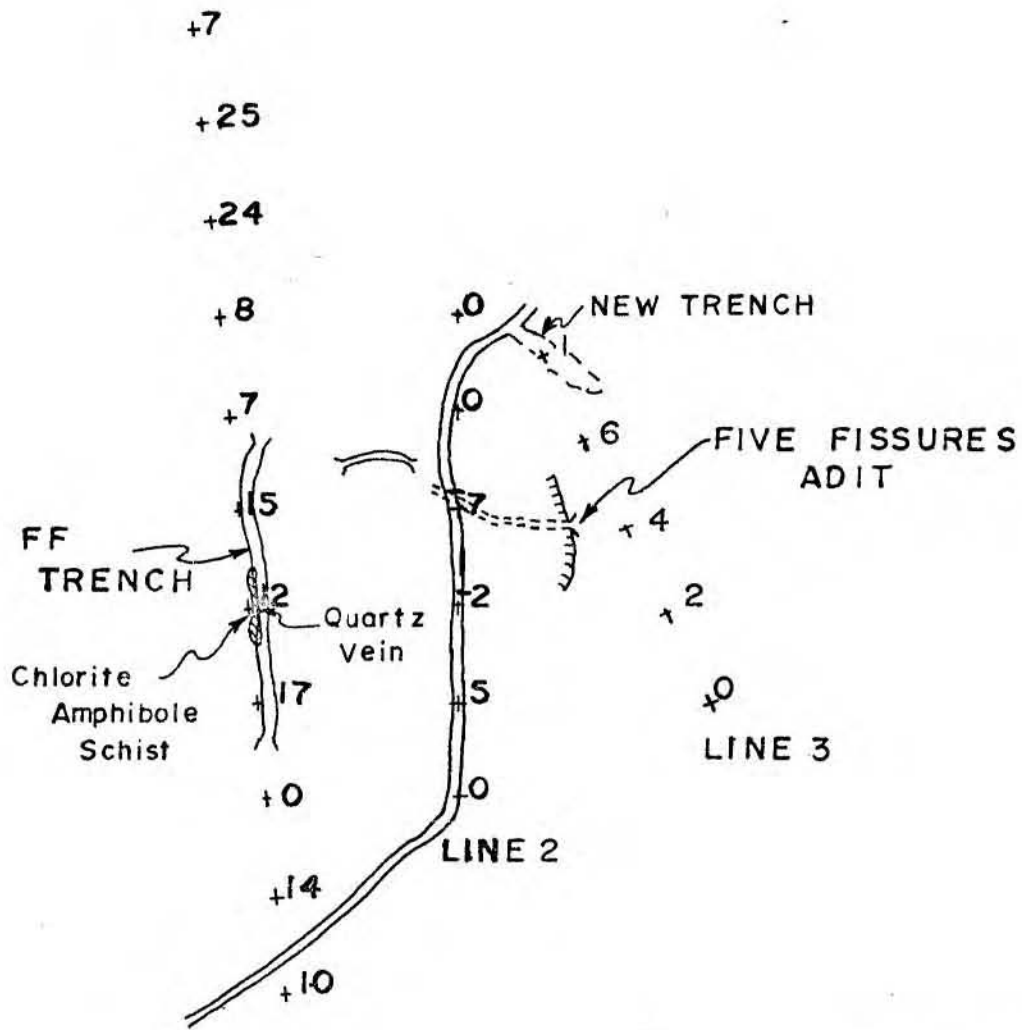
J.H. Montgomery
 PROFESSIONAL ENGINEER
 H. MONTGOMERY
 BRITISH COLUMBIA
 VOLUME 2
 ENGINEER

SP SURVEY

BZ GRID

0 100 200 FT

June 27/74 FIG. 3A



6 - SP VALUES IN MIL. VOLTS

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SP SURVEY
 FF GRID
 0 100 200 FT.

June 27/74 FIG 3B

one below the adit. Very weak negative dips in potential were detected in the projected vicinity of the veins. The FF trench, shown in Figure 3B exposed chlorite schist and one small, barren quartz vein.

(iii) HT LINE:

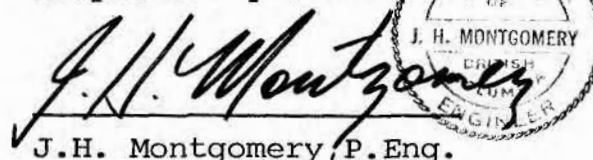
A single line of self-potential was run across the projected extension of a vein exposed in "Huff's Tunnel". A negative reading (-17 millivolts) suggested a possible weak sulfide zone. The HT trench shown on Figure 3C exposed chlorite schist with possible oxidized vein material.

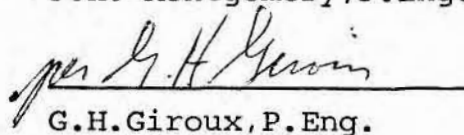
SUMMARY AND CONCLUSIONS:

The work done was primarily to provide assessment work for maintaining the claims in good standing pending a further study and evaluation of the various aspects of the property.

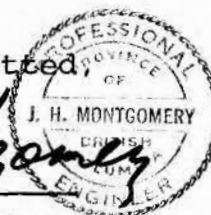
None of the limited self-potential surveys or trenching has provided any new information regarding the potential of the property, but some of the information obtained may be of help in future studies of the property.

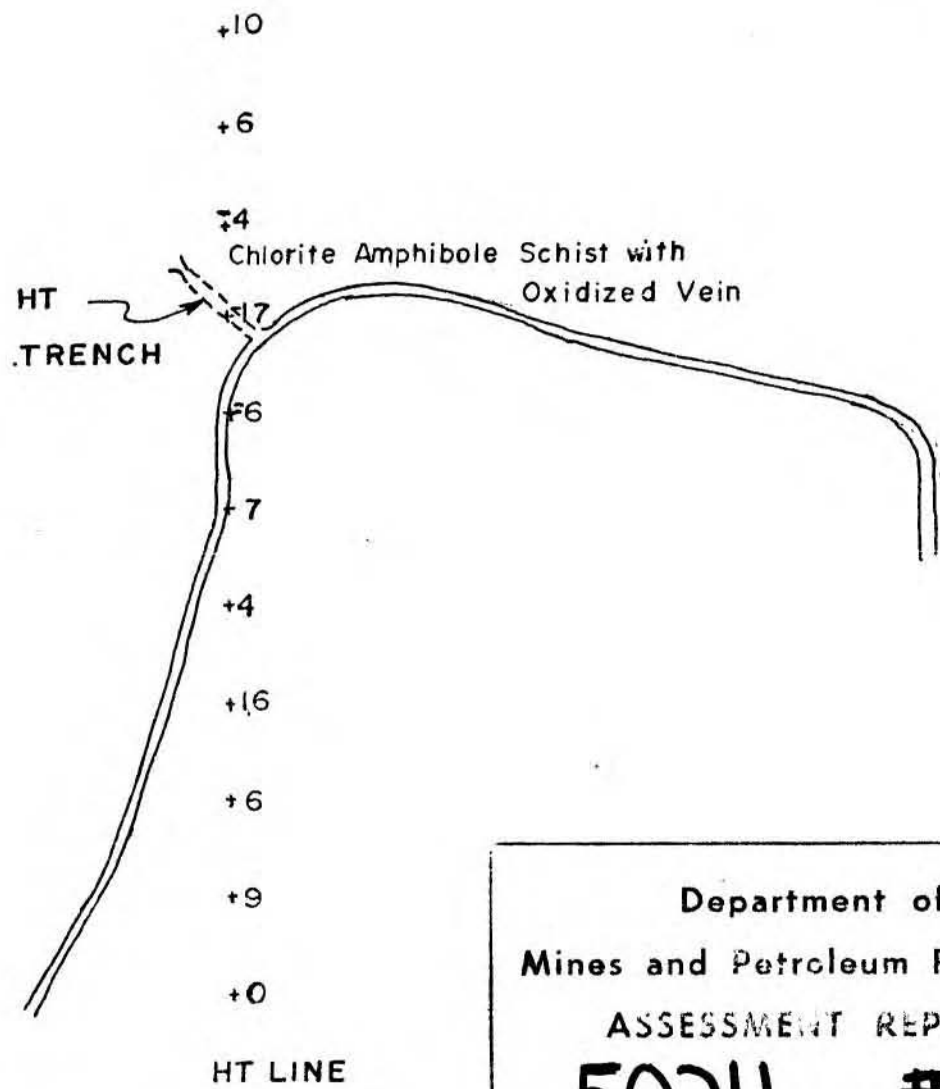
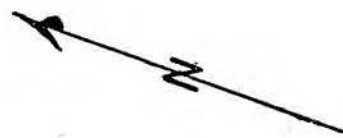
Respectfully submitted,


 J. H. Montgomery, P. Eng.


 G. H. Giroux, P. Eng.

June 27, 1974
 Vancouver, B.C.





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-7 - SP VALUES IN MIL. VOLTS

J.H.

J. H. Montgomery

SP SURVEY
HT LINE
FIG 3C
<i>June 27/74</i>

APPENDIX IPERSONNEL

1. J.H. Montgomery, Ph.D., P.Eng.- Engineering and supervision,
report preparation, etc.
2. D.R. Cochrane, P.Eng.- Consultant re S.P. surveys.
3. G.H. Giroux, P.Eng.- S.P. operator, surveying and drafting.
4. K. Martin- Cat swamper, general labor, road repair.
5. C. Martin- Camp and labor supervision.
6. F. Johnson- Preliminary camp preparation, road repair.

APPENDIX IICOST BREAKDOWN1. PERSONNEL

J.H. Montgomery-June 13-19, 24-26, 10 days @168	1,680.00
D.R. Cochrane-June 12-15 4 days@150	600.00
G.H. Giroux-June 13-19 7 days @75	525.00
K. Martin-June 11-22 12 days @35	420.00
C. Martin-June 10-11 2 days @100	200.00
F. Johnson-June 10-11 2 days @35	70.00
	<u>3,495.00</u>

2. EQUIPMENT

D6 Cat 120 hours @30	3,600.00
Cat mobilization-demobilization	600.00
S.P. Instrument Rental 7 days @ \$15	105.00
	<u>4,305.00</u>

3. TRANSPORTATION

GMC FWD Jimmy	245.00
Jeep FWD	240.00
GMC Carryall	120.75
	<u>605.75</u>

4. ACCOMODATION

Motel	109.20
Meals(Giroux, Cochrane, Montgomery)	71.60
Camp Costs- \$10/man-day	280.00
Camp Rental(camper)- 8 days	125.00
	<u>585.80</u>

5. MISCELLANEOUS

Drafting	50.00
Typing, reproduction	20.00
D.R. Cochrane expenses	100.00
	<u>170.00</u>

TOTAL COSTS

\$9,161.00

Declared before me at the

of

, in the

Province of British Columbia, this

day of

VANCOUVER, B. C., A.D.

JUL 9 1974

Sub Mining Recorder

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