

PROPERTY FILEEXTENSION OF GRID SYSTEM

Mount Sicker Property
Victoria Mining Division
British Columbia

LOCATION: NTS 92B 13E, 92B 13 W
Latitude 48° 52' N
Longitude 123° 46' W

CLAIM NAMES: CF Group #1 - 8 inclusive
CF Group #13 - 18 inclusive
Rocky #1 - 4 inclusive
26 Grown Grants (see Appendix 2)

OWNER: S.E.R.E.M. Ltd.

REPORT BY: P.A. Ronning

DATE: May 8, 1979

92B001, 002

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Map 1 (⁸ 10 sheets)	Big Sicker Mountain and Vicinity (shows claim boundaries and grid system)	In pocket

INTRODUCTION

The Mount Sicker property straddles Big Sicker Mountain and part of Little Sicker Mountain in the Chemainus, Seymour and Somenos Land Districts, Vancouver Island, British Columbia. Big Sicker Mountain is 10 kilometers northwest of the town of Duncan. Access to the property is by road, from Highway 18 north on Somenos Road, northwest onto the Mt. Prevost Road and thence onto a network of old mining and logging roads. It can also be reached from Highway 1, via a turnoff to the west onto a country road, just south of the Chemainus River Bridge.

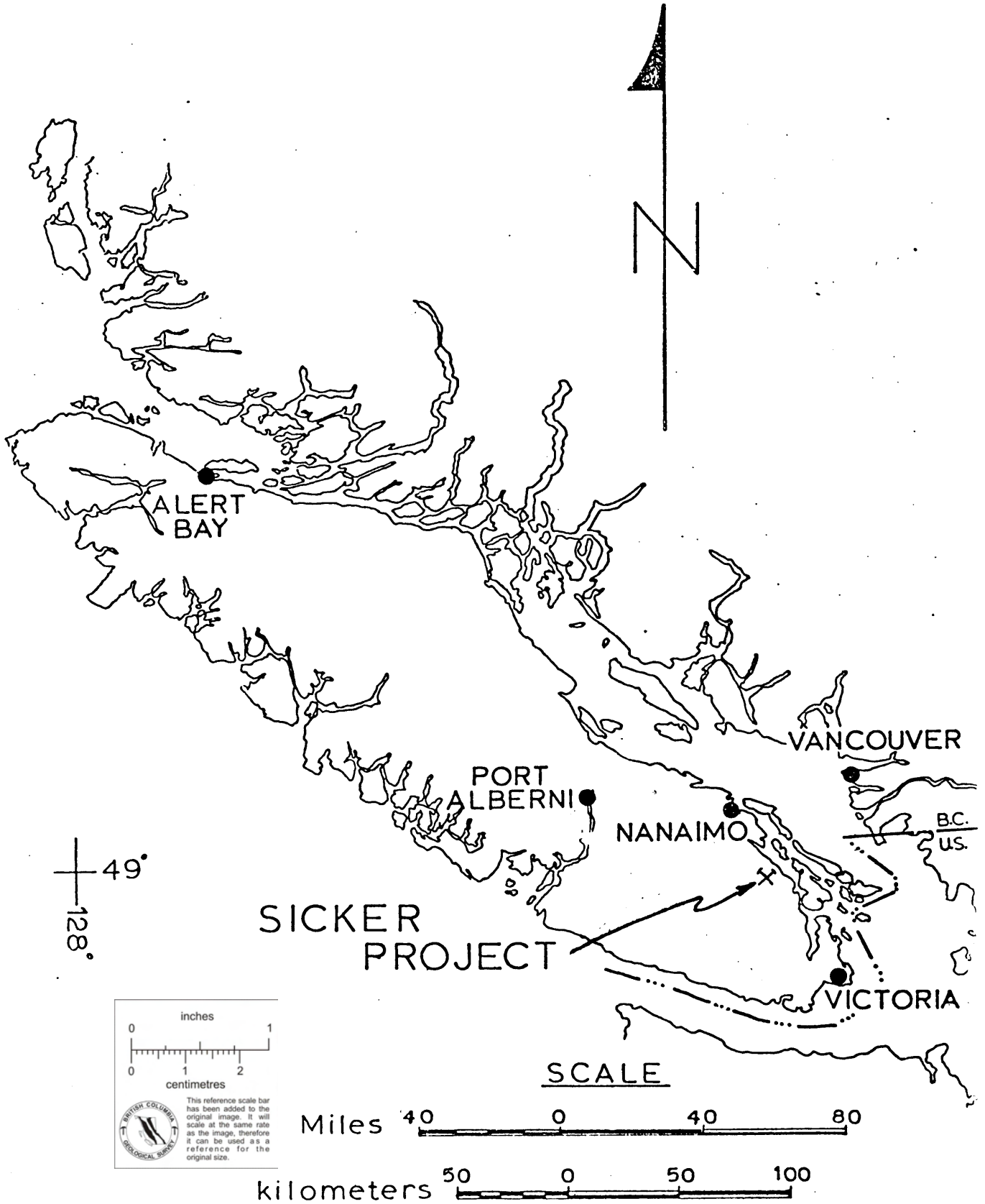
Big Sicker Mountain is a little over 700 meters high. For the most part its flanks slope between 10 and 30 degrees and it is densely treed, except for some steep bare cliffs on the east side facing Highway 1. The mountain has been glaciated and much of it has been covered with drift. The flatter parts of the top and flanks are swampy. It is bounded on the south by Mt. Prevost, on the west by the U-shaped valley of the Chemainus River with Copper Canyon in its bottom, on the north by the broad valley of the Chemainus River and on the East by the valley of Bonsall Creek and Highway 1.

S.E.R.E.M. Ltd. owns the four Rocky claims by virtue of having staked them. The fourteen CF claims and the 26 crown grants are owned by S.E.R.E.M. under the terms of an option agreement with Mount Sicker Mines Ltd.

The property centers on an old underground mine which has been worked sporadically by various companies since the turn of the century. The initial discovery was made in 1897, with development and mining beginning on the Tye Claim in that year. Work on the Lenora claim began in 1898, and the two claims were amalgamated by the Lenora Mount Sicker Mining Company

Location Map

Fig. 1



in 1900. Mining continued until 1907. Another company shipped a few tons from the Richard III claim in the same period.

Development and exploration work were done by Ladysmith-Tidewater Smelters Ltd. in 1926 - 1929 and by Sheep Creek Mines Ltd. in 1939 - 1940.

From 1943 - 1947 Twin J. Mines produced copper and zinc concentrates from the consolidated group. In 1949 - 1952 Vancouver Island Base Metals rehabilitated the mine, with some production.

Some surface mining was done by the original principals of Mt. Sicker Mines Ltd. in 1964, and the company was formed shortly thereafter. From that time until 1974 various operators explored the property, doing surface work and diamond drilling. In 1967 an attempt was made to extract copper from dump material by heap leaching, but it did not prove feasible.

Ore in the old mine occurred as two ore bodies, more or less paralalled and trending east-west. It was of massive sulphide type, containing principally copper and zinc, with minor lead and significant gold and silver. Barite is a major constituent of some ore and may be of economic interest. To date, production has been 305,787 tons of ore yielding 20,265,763 lbs. of copper, 45,960,252 lbs. of zinc, 40,052 ounces of gold and 841,276 ounces of silver.

Ore bodies occur within the mid to upper paleozoic Sicker Group, associated with schists believed to have originated as acid volcanics. They were similar to those now being mined by Western Mines at Buttle Lake, and are hypothesized to be of kuroko type.

Hopes of finding more ore on Mount Sicker are based on two possibilities. One is that there may be ore remaining in or near the old mine. Old mine

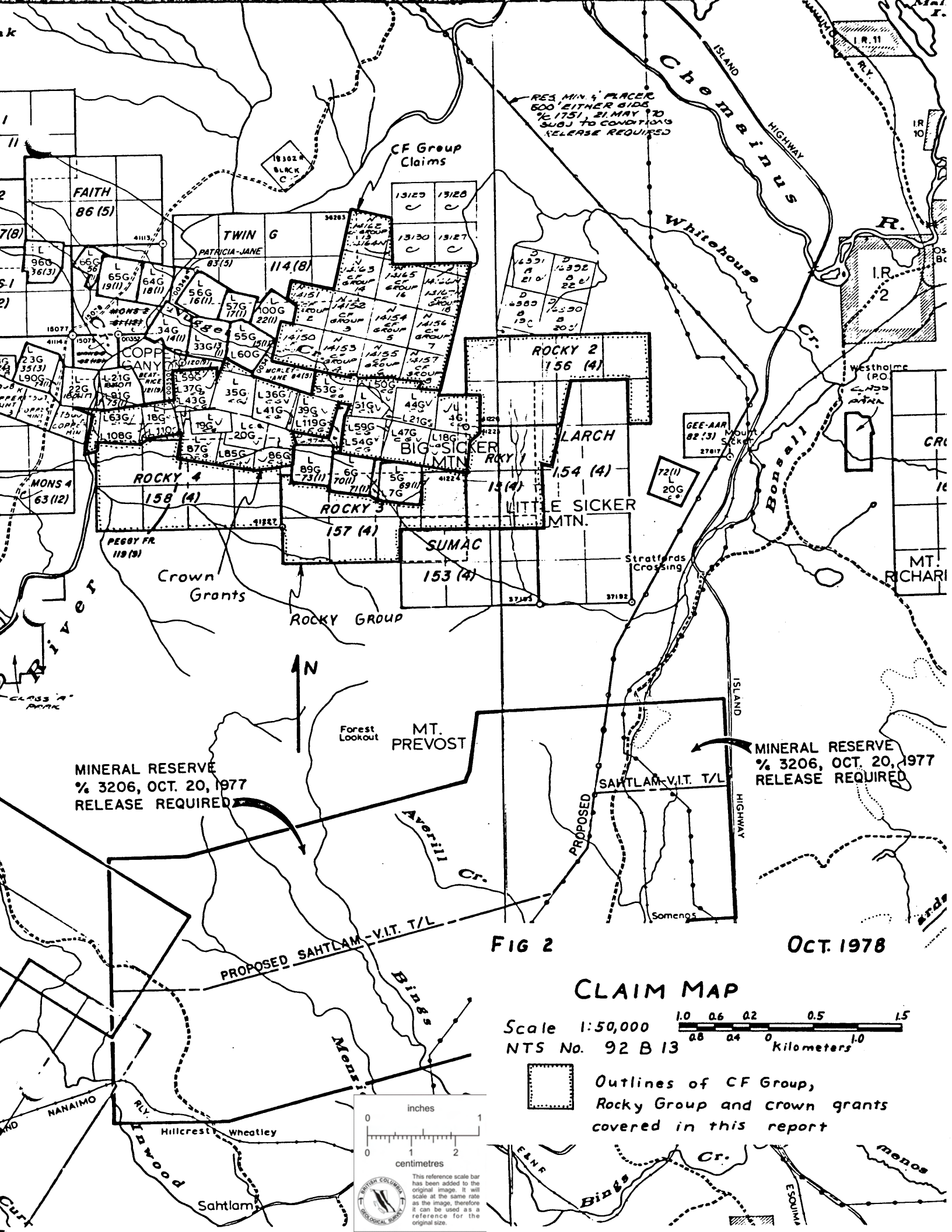


FIG 2

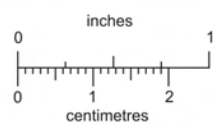
OCT. 1978

CLAIM MAP

Scale 1:50,000
 NTS No. 92 B 13



Outlines of CF Group,
 Rocky Group and crown grants
 covered in this report



This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.



MINERAL RESERVE
 % 3206, OCT. 20, 1977
 RELEASE REQUIRED

MINERAL RESERVE
 % 3206, OCT. 20, 1977
 RELEASE REQUIRED

RES. MIN. 4 PLACER
 600' EITHER SIDE
 % 1751, 21 MAY '70
 SUBJ. TO CONDITIONS
 RELEASE REQUIRED

CLASS "A"
 PLACER

plans and reports show a few occurrences of massive sulphides which were not exploited or followed up, and several references are made to "low grade" disseminated type mineralization that was not of much interest in the early days. However, no specific information is available about what remains in the old mine area.

The other possibility is that there may be similar deposits elsewhere on the property. Many mineral occurrences exist, and rocks similar to the host rocks in the mine are widespread on the flanks of Big Sicker Mountain.

A previous report by this writer discussed the preparation of a topographic base map of the property and re-establishment of an old grid system. This grid system has recently been extended by 53.85 km, to cover most of the Rocky claims.

Of the 53.85 km. total, 29.84 km. of new lines are on the Rocky claims, 4.65 km. are on CF group claims and 19.36 km. are on crown grants.

DETAILED DESCRIPTION OF WORK DONE

The line cutting was contracted out to a group of three individuals who worked together on the lines. They were paid at a rate of \$170.00 per km. of line cut.

The lines were located and measured using a compass and hip chain. Brush and windfalls were cleared to a width of about 1 meter using a chain saw. Stations were marked every 30 m. along the lines.

Performance bonds were posted by S.E.R.E.M. with the owners of the land on which lines were cut, and the lines were done according to stipulations made by these owners. Blazes on trees were permitted every 30 m. and no trees taller than 2 m. could be cut. Every station had to have a ribbon identifying S.E.R.E.M. Ltd.

Supervision consisted of showing the line cutters where to work and examining a few of the lines from time to time as the work progressed.

The new lines have been plotted on Maps 1A to 1E by tying them in to the old grid and to recognizable physical features such as road junctions, creek valleys, etc. All such tie-ins were made using a hip chain and compass. The maps were drawn from detailed field notes kept by one of the line cutters.

CONCLUSION

The extended grid now covers all parts of SEREM's Mt. Sicker property that are believed to be important at this time. The new lines will be used to extend the geological map of the property, for a geochemical soil survey and probably for geophysical surveys.

STATEMENT OF QUALIFICATIONS:

I, PETER A. RONNING of Vancouver, British Columbia, hereby certify that:

1. I am a graduate of the University of British Columbia, holding the degree of Bachelor of Applied Science in Geological Engineering (1973).
2. I am a geologist employed by S.E.R.E.M. Ltd. of 505-850 West Hastings Street, Vancouver, B.C.
3. I have worked in the field of mineral exploration for six years.
4. The field work described in this report was carried out under my supervision.
5. I have no financial interest in the claims covered by this report, in Mount Sicker Mines Ltd. or in S.E.R.E.M. Ltd.

Dated at Duncan, B.C., this ¹⁵28th day of May, 1979.


Peter A. Ronning
Geologist

APPENDIX 1COST STATEMENT

<u>Description</u>	<u>Total Cost</u>
Contract Payments	
-line cutting, March 20 - April 19, 1979 3 persons; 53.85 km. at \$170.00/km.	\$ 9,154.50
Board (provided by S.E.R.E.M.)	
-3 persons, 31 days (March 20 - April 19, 1979) \$5. per man day	465.00
Preparation of Map	
- 1 person, 3 days \$70.00 per day	210.00
Supervision	
-1 person, 2 days (aggregate) \$80.00 per day	160.00
Preparation of Report	
(note that this includes preparation of a separate map, as the working base map is unsuitable for assessment reports and vice-versa)	
-1 person, 2 days \$80.00 per day	<u>160.00</u>
	<u>\$10,149.50</u>
	<u><u> </u></u>

APPORTIONMENT OF COST

* Rocky Claims

- 29.84 km. of line:

$$\text{applicable cost} = \$10,149.50 \times \frac{29.84}{53.85} = \$5,624.16$$

CF Group and Crown Grants

- 4.65 + 19.36 km. of line:

$$\text{applicable cost} = \$10,149.50 \times \frac{4.65 + 19.36}{53.85} = \$4,525.34$$

* Note that although the line cutting was not completed until after the April 16 anniversary date of the Rocky Claims, that part which is on those claims was completed by April 13, 1979.

APPENDIX 2LIST OF CLAIMS:Crown Granted Mineral Claims

<u>Name</u>	<u>Lot No.</u>	<u>Owner</u>
Estelle	53-G	S.E.R.E.M. Ltd.
Westholme	54-G	"
Blue Bell	51-G	"
Moline Fraction	50-G	"
Acme	4-G	"
Tony	18-G	"
Hellena	47-G	"
Westholme Fraction	59-G	"
Dixie Fraction	21-G	"
Golden Rod	44-G	"
Donagan	18-G	"
XL	19-G	"
Donald	63-G	"
Muriel Fraction	108-G	"
Doubtful Fraction	87-G	"
Thelma Fraction	85-G	"
Imperial Fraction	86-G	"
Herbert Fraction	20-G	"
Phil Fraction	110-G	"
NT Fraction	43-G	"
Magic Fraction	41-G	"
Richard III	39-G	"
Key City	37-G	"
Lenora	35-G	"
Tyee	36-G	"
International Fraction	60-G	"

Recorded Mineral Claims

<u>Name</u>	<u>Record No.</u>	<u>Owner</u>
C.F. Group #1-8 inclusive	N14150-N14157	S.E.R.E.M. Ltd.
C.F. Group #13-18 inclusive	N14162-N14167	S.E.R.E.M. Ltd.
Rocky #1-4 inclusive	155(4) - 158 (4)	S.E.R.E.M. Ltd.

ACKNOWLEDGMENT:

The historical information contained in this report was obtained from:

- Sharp, W.M., P. Eng.; Interim Report, Mt. Sicker Exploration Project; Mt. Sicker Mines Ltd.; 1972.