

BEMA INDUSTRIES LTD.

1979-88 AVENUE, R.R. #11 LANGLEY, B.C. V3A 6Y3 (604)888-9300
5780 - 203rd St, Langley, B.C. V3A 1W3 (530)

090485

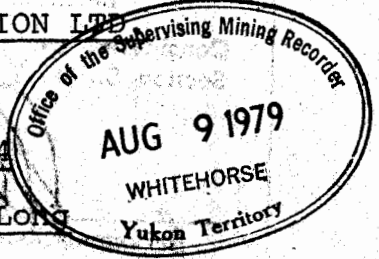


CANADA TUNGSTEN MINING CORPORATION LTD

W#1 Mineral Claim

Mayo M.D., Y. T., 105-M-14

63° 52' N. Lat., 135° 11' W. Long



REPORT ON GEOLOGICAL RECONNAISSANCE

JULY, 1979

by

T. M. ELLIOTT, B.Sc., M.S.

July 21, 1979

090485



This report has been examined by the Geological Evaluation Unit and is recommended to the Commission to be considered as a report of the Commission at a cost of \$ 300.00

J. A. Main

Resident Geologist or
Resident Mining Engineer

Considered as representation work under
Section 53 (4) Yukon Quartz Mining Act.

[Signature]
E. R. BAXTER

Supervising Mining Recorder

Commissioner of Yukon Territory

TABLE OF CONTENTS

	<u>Page No.</u>
1. INTRODUCTION	1
2. PROPERTY LOCATION AND ACCESS.....	1
3. GRID SYSTEM.....	1
4. GEOLOGY.....	2
5. SHOWINGS.....	2
6. CONCLUSIONS.....	3

ILLUSTRATIONS

FIGURE 1	Claim Location Map	1:50,000
FIGURE 2	Geology Outcrop and Float Map	1:2,500

APPENDICES

APPENDIX I	Bema Industries Ltd. employees on the Geological Reconnaissance.
APPENDIX II	Statement of Expenses.

CANADA TUNGSTEN MINING CORPORATION LTD.
W#1 Mineral Claim
Mayo, M.D., Y.T., 105-M-14
63° 52' N. Lat., 135° 11' W. Long.

1. INTRODUCTION

On July 13, 1979, a crew of 3, (Appendix I), set out to produce a preliminary geologic map of the W#1 mineral claim owned by Canada Tungsten Mining Corporation Ltd. Approximately the equivalent time of 1 $\frac{3}{4}$ normal working days were spent in walking into the claim area and performing the survey.

2. PROPERTY LOCATION AND ACCESS

The property is in part accessible (see Fig. 1, Claim Location Map) by two roads south of the community of Keno City. The first road is a 2-wheel drive road southwest of Keno City. Approximately 3 km. along this road is a turnoff to a 2 km. long 4-wheel drive road along Duncan Creek. From the end of this road, access is by hiking approximately 3 hours along a rough "Cat" trail up the north side of the creek.

3. GRID SYSTEM

Location control for geologic mapping was tied into Post #1 of the W#1 claim. A north-south baseline picketed every 100 meters included this post at its center (see Fig. 2) and cross-lines were chained east of the baseline.

Mapping was carried out by a geologist and a geologic assistant flanking a compass and chain person in the center. The mappers kept approximately 25 meters on either side of the line, thus producing a float and outcrop map covered by mapped lines spaced approximately 50 meters apart.

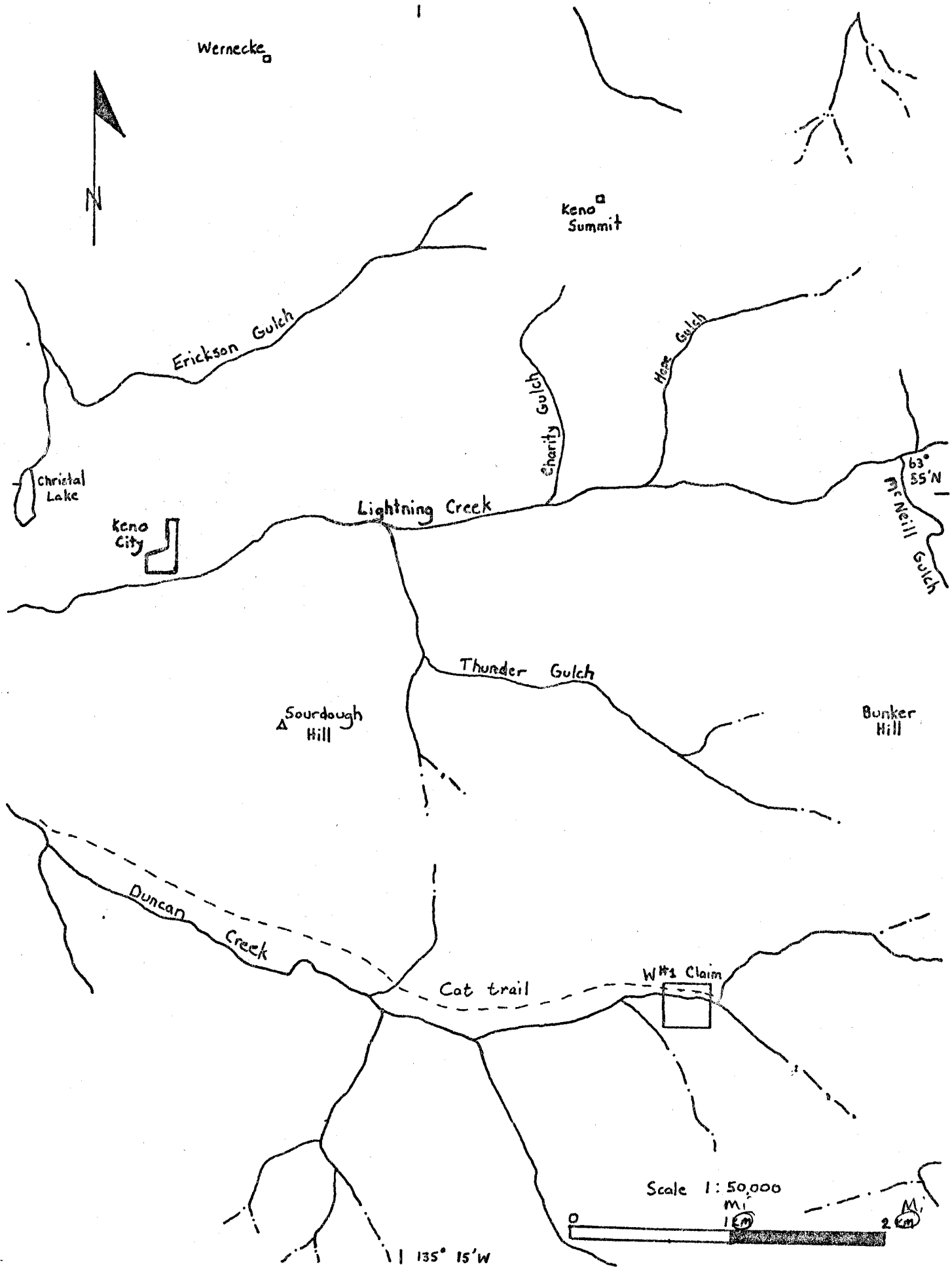


Figure 1: W#1 CLAIM LOCATION MAP

4. GEOLOGY

Figure 2 is a float and outcrop map of the W#1 claim. North of the creek there were no outcrops seen, but locally abundant angular float consists of medium and dark gray massive and phyllitic quartzite. White bull quartz is frequently present but no ore sulphides were visible even in fresh blocks of quartzite.

South of the creek numerous outcrops were examined. Most outcrops consist of schist with lesser amounts of phyllite and dolomite breccia. The schist consists of 2 varieties: 1. light gray quartz-sericitic schist and 2. dark gray to black graphitic schist. Both varieties of schist contain small 3 to 15 cm. long lenses of quartz which may contain minor to abundant limonite, and lesser amounts of wad, pyrite, siderite, and calcite.

The phyllite is either quartz-sericitic or graphitic. Outcrops of phyllite were examined near line 25N at 15m. west and on line 75S. at 300 to 380 m. west.

A third, more unusual rock type examined in this schist and phyllite terrain was a dolomitic breccia found on lines 125 and 175 South. This breccia consists of light gray 2 to 10 mm. angular fragments of dolomite in an aphanitic black dolomitic matrix.

Structurally, no major faults were examined on the claim, but one can hypothesize that there is a structural or stratigraphic break down Duncan Creek which divides schist and phyllite to the south from quartzite to the north.

5. SHOWINGS

There were not any trenches or pits found on the claim, but the showing for which this claim was staked was examined on the south side of Duncan Creek approximately 20 to 25 meters NW of claim post #1. The showing consists of a series of 2 to 6cm. thick lenses of quartz in phyllite. These lenses extend over a distance of approximately 5 meters and attain a maximum total thickness of 40 cm. near the center of the horizon. The lenses are wholly conformable with the foliation in the phyllite. Sample 8946 was collected from the quartz lenses in this horizon; it will be assayed for gold and silver.

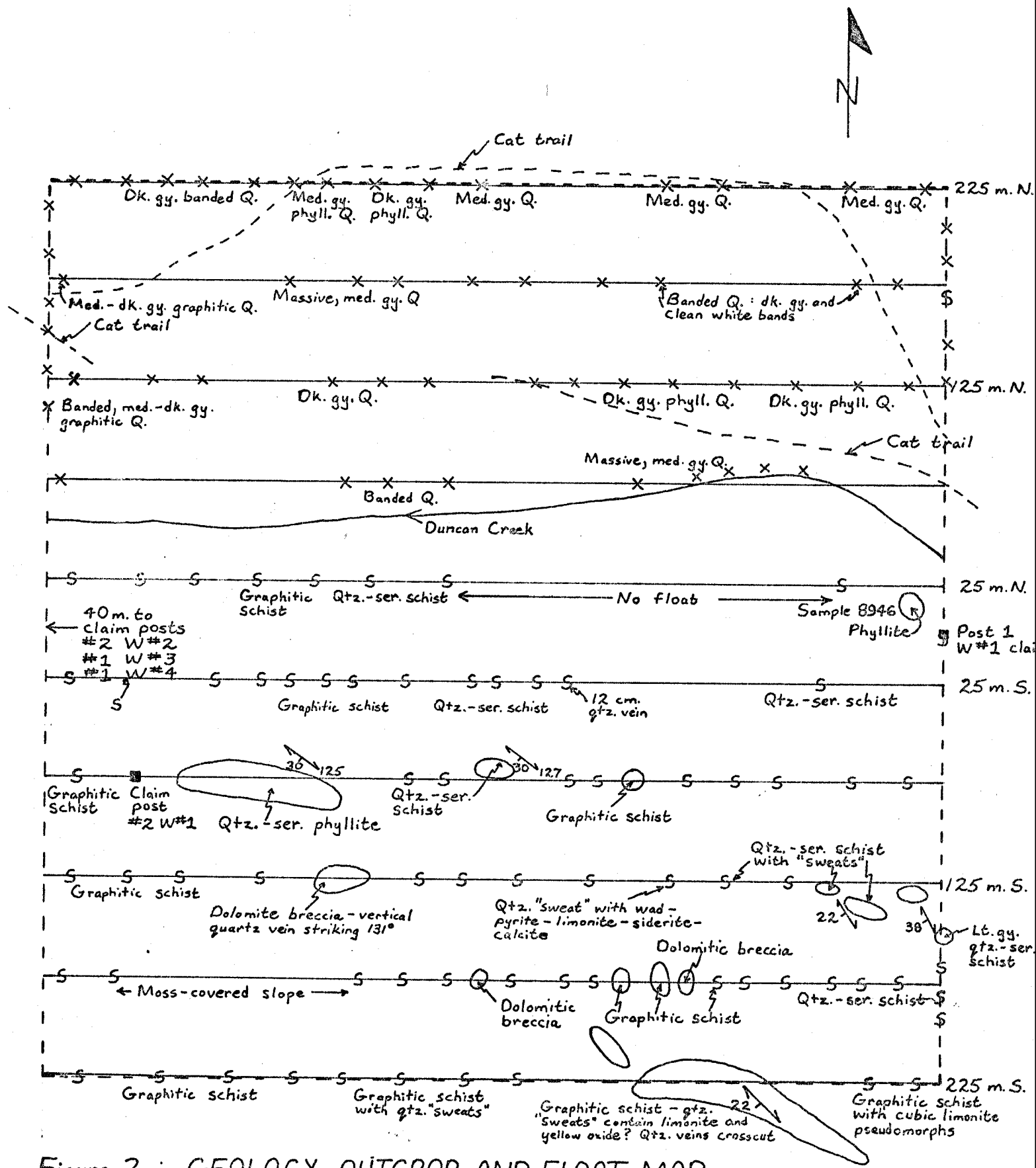
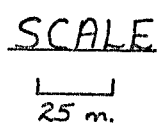


Figure 2 : GEOLOGY OUTCROP AND FLOAT MAP

- LEGEND**
- | | |
|-----------------------|----------------------|
| X ... QUARTZITE FLOAT | DK. ... DARK |
| S ... SCHIST FLOAT | GY. ... GRAY |
| Q ... QUARTZITE | PHYLL. ... PHYLLITIC |
| O ... OUTCROP | SER. ... SERICITE |
| | QTZ. ... QUARTZ |



6. CONCLUSIONS

It should be emphasized that the geologic examination of this claim completed July 13, 1979 was only of a preliminary reconnaissance nature. Careful prospecting of the claim may turn up worthwhile showings. If the showing sampled assays high in gold and or silver further work may be warranted on this showing.

Any further work prospecting for gold showings in schist should be carried out south of Duncan Creek as only quartzite talus was found to the north of the creek.

Respectfully Submitted,

T. M. Elliott

T. M. Elliott

APPENDIX I

BEMA INDUSTRIES LTD. EMPLOYEES ON THE GEOLOGICAL RECONNAISSANCE

1. T. M. Elliott - Geologist
#309 - 6001 Yew Street,
Vancouver, B. C. V6M 3Y7

2. C. Orssich - Geological Assistant
#27 - 2 Bertona Street,
Ottawa, Ontario K2Z OW2
G

3. J. Slipetz - Geological Assistant
Box 4805
Whitehorse, Yukon Territory

CERTIFICATE

I, Terence M. Elliott, of 309, 6001 Yew Street, in the City of Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Geologist, employed by Bema Industries Ltd. of 5780 - 203rd Street, in the City of Langley, in the Province of British Columbia.
2. THAT I am a graduate of the University of British Columbia and Stanford University where I obtained my B.Sc. (Honours Geology) and M.S. degrees, respectively in Geology in 1967 and 1973.
3. THAT I have practiced my profession as a geologist for the past 12 years.
4. THAT the information contained in my report on the W#1 mineral claim is based on the mapping of myself and assistants on July 13, 1979.
5. THAT I have no direct or indirect interest in any of the securities or claims of Canada Tungsten Mining Corporation Ltd., nor do I expect to receive or acquire any.

Dated this 21st. day of July, 1979.

Terence M. Elliott

T. M. Elliott, B.Sc., M.S.