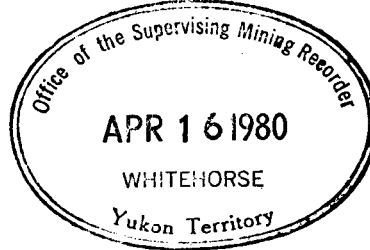


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090543

CANADA TUNGSTEN MINING CORPORATION LTD.

Diamond Fr. Mineral Claim

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

63°57'N. Lat., 135°11.5'W. Long.

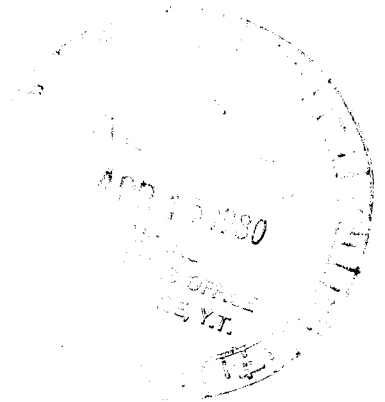
GEOLOGICAL AND GEOCHEMICAL REPORT

July and September, 1979

by

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

February 26, 1980



090543

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ILLUSTRATIONS

FIGURE 1	Diamond Fr. Claim Location Map....	1:50,000
FIGURE 2	Geochemistry, Diamond Fr. M.C.....	1:1,250
FIGURE 6-4	Geology, Silver Queen and Diamond Fr. M.C.....	1:2,500

APPENDICES

APPENDIX 1	Survey Personnel
APPENDIX 2	Statement of Cost of Survey

CANADA TUNGSTEN MINING CORPORATION LTD.

Diamond Fr. Mineral Claim

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

63°57'N. Lat., 135°11.5'W. Long.

1. INTRODUCTION

During July, 1979, the writer and his assistant C. Orssich (see Appendix 1) spent part of a day on a preliminary geological survey of the Diamond Fr. Mineral Claim. In September, 1979, A. McKenzie and M. Odorfer collected several soil samples on or adjacent to the claim. This latter survey was conducted as part of a larger geochemical soil survey on the adjacent Silver Queen Lease to the north.

2. LOCATION AND ACCESS

The claim is on a gentle north-facing slope south of the headwaters of Faro Gulch (see Figure 1). The northeast boundary of the claim adjoins the Silver Queen Lease.

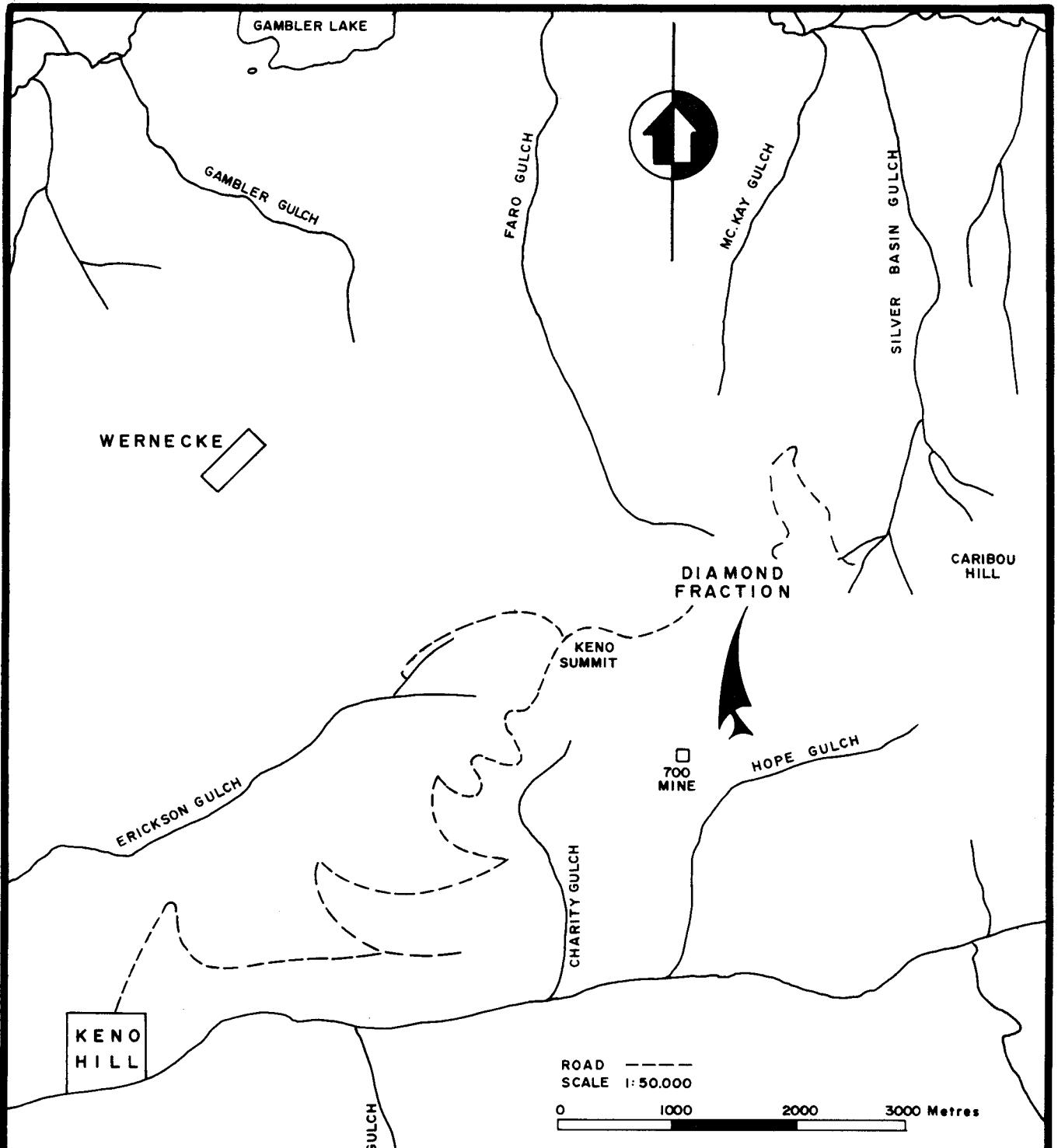
Access to the claim is by the all weather road to Keno Summit, and then by 4-wheel drive road to the Silver Queen Lease. From there it is a short uphill walk to the claim.

3. CLAIM STATUS

The Diamond Fraction Mineral Claim is owned outright by Canada Tungsten Mining Corporation Ltd. The Claim has Grant No. YA39940 which expires on April 30, 1980.

4. SURVEY AND GRID SYSTEM

SSW-trending crosslines of the Silver Queen Lease grid were extended across the Diamond Fraction M.C.



**CANADA TUNGSTEN MINING CORPORATION
1979 KENO HILL Y.T.
GEOLOGICAL PROGRAM**

**DIAMOND FRACTION
CLAIM LOCATION MAP**

DATE: FEB./27/1980 JOB NO.: 80-09

REVISED BY: FIG. NO.: 01

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Geological mapping and the geochemical survey were both tied in to this grid with crossline spacing of sixty meters and sample station spacing of sixty meters along the crosslines.

5. GEOLOGY

Geological mapping on the claim consisted of examining angular rock talus and felsenmeer which are abundantly distributed. Light to medium gray Keno Hill (Central) Quartzite was the only rock type noted on the claim.

6. MINERALIZATION

Data from the maps of Idaho General Mines Limited indicates that the Main vein fault crosses the Diamond Fraction M.C. The preliminary geological survey carried out failed to locate any evidence of vein material.

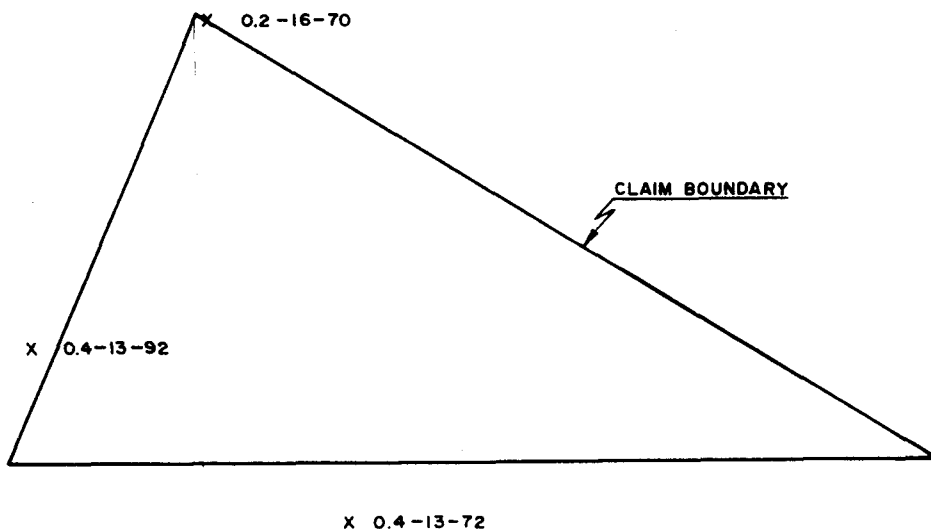
7. GEOCHEMISTRY

Only three soil samples were collected for geochemical analysis on or adjacent to the claim. All three samples were found to contain only background amounts of silver, lead and zinc (refer to Figure 2).

8. SUMMARY AND RECOMMENDATIONS

The Diamond Fr. M.C. is underlain by entirely by Keno Hill (Central) Quartzite which is covered by soil containing only background values in silver, lead and zinc.

It is herein recommended that further careful prospecting of the claim should be carried out to define any extensions of the Main vein fault.



X SAMPLE STATION
SCALE 1:1250



**CANADA TUNGSTEN MINING CORPORATION
1979 KENO HILL Y.T.
GEOLOGICAL PROGRAM**

**DIAMOND FRACTION CLAIM
SOIL GEOCHEMISTRY
Hg-Pb-Zn (in PPM)**

DATE: FEB./27/1980 JOB NO.: 80-09

REVISED BY: FIG. NO.: 02



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GEOLOGY
SILVER QUEEN AND DIAMOND Fr. M.C.



FIGURE NO. 6-4

25 0 25 50 75 100metres