

TITLE PAGE

*Prospecting*

- a) GENERAL NATURE OF REPORT:  
Geochemical anomaly over VLF magnetic anomaly to pick up mineralization for further exploration.
- b) SPECIFIC CLAIMS INVOLVED:  
SATURN # 01828 and URANUS # 01829
- c) MINING DIVISION:  
Omineca
- d) SPECIFIC NTS LOCATION:  
1031/16W N. Lat.  $54^{\circ} 50'$  - W. Long.  $128^{\circ} 25'$
- e) OWNER(S) OF CLAIMS:  
Leon LeBlond and Roger Kelly
- f) OPERATOR(S):  
LeBlond and Kelly
- g) AUTHOR OF REPORT:  
Leon LeBlond
- h) DATE SUBMITTED:

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**12,625**

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## INTRODUCTION

### A. Geographic and Physiographic Position

The SATURN and URANUS Claims are located approximately thirty miles North of Terrace, B. C. 1031/16W, and approximately four miles from Dorreen. Dorreen is beside the Skéena River and also boasts a railway station and siding. There is no road access to Terrace. There was a road from Dorreen to the old Mine Mill located on Knauss Creek but had overgrown and washed out in places. In 1983 a good walking trail was cut from Dorreen to the Mill, over the old road.

### B. Property Definition

The SATURN and URANUS Claims consist of forty units. On these claims, but not part of the group, are three Mining Leases covering the Dorreen Gold Mine, numbers L6319, 16318 and L6317 owned by Mae Tredway of 2405 - 144W 14th Street, N. Vancouver, B. C.

The Dorreen Gold Mine had been operating off and on since 1917 and the last shutdown was in 1951. The Dorreen Gold Mine was described in the 1951 Report of the Minister of Mines (A108). Copies of this and all reports on the Mine can be found in the Mining Office at Smithers, B. C.

### C. Summary of Work Done

A Grid was laid out using compass and hip chain - starting with the Base Line at the junction of three small creeks (see Maps 3 and 4), heading 038° to the 400 metre mark where the Base Line continues to 1050 metre mark on a heading of 014°

The "A" - "B" - "C" - "D" lines were placed one hundred metres apart. All Samples along lines were taken at fifty metre intervals except where marked. (See Figs. 1 through 5).

Samples were taken with a metal scoop from pits dug with a pick. These tools were cleaned after each use to prevent salting. Samples were then placed in plastic sample bags: fifty-three (53) soil samples taken. Samples were assayed by Rossbacher Laboratory Ltd., Burnaby, B. C. for Silver, Copper, Lead, Zinc and Moly. Certificate of Analysis is appended in Appendix I.

a) Geochemical Survey

This survey covers a magnetic anomaly located by Strato Geological Engineering Ltd. (See Assessment Report # 10,033 at Mine Branch Smithers, B. C.).

The grid is laid out on the side of Dorreen Mountain - which is steeply sloping toward the West and facing the adit of Dorreen Gold Mine.

The bedrock is mostly argillite where exposed but a diorite dyke on the Baseline at BL525 was located. Trenching was done here to locate the Dyke Boundry but the overburden was too deep - at least six (6) feet.

There is a marked change of vegetation (See Map 4) approximately in the middle of the anomaly - mostly Alder, Devil's Club, Salmon-berry and Fern. This same vegetation is again found just South/West of this survey. The rest of the area is mostly Hemlock, Fir and Moss. The "A" Line has mostly stunted Hemlock on the high ground.

The Samples taken are listed separately and

It should be noted that the Summer these samples were taken (1983) the weather in this area was extremely wet. A recorded rainfall of six feet two inches (6 ft. 2 ins.) at Dorreen from June 1st. to September 15th. All creeks were full and the soil saturated.

HISTORICAL PERSPECTIVE

I. The URANUS Claim was recorded by Roger Kelly, Prospector, of Box 74, Smithers, B. C., in October of 1981, #4330, with the claim duly registered at Smithers, B. C.

Vitae: Six years prospecting experience; attended prospectors training course in Castlegar, B. C., 1972; three years staking claims on line cutting, also geochemical & geomagnetic work; two years placer mining; two years open pit (copper mine -- milling experience); two years diamond drills; one year underground silver mining, North West Territories.

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HISTORICAL PERSPECTIVE

II. The SATURN Claim was recorded by Leon LeBlond of Box 1097, Terrace, B. C. in September of 1981, # 4239. The claim was registered at Smithers, B. C.

Vitae: Three Federal Government prospecting courses in North West Territories; 22 years (Summers) prospecting experience in North West Territories and British Columbia consisting of: staking of claims, approximately 2000; preparation of claims for sale; with a partner, mining of gold from small deposit in North West Territories; blasting; diamond drilling; milling; placer mining; diving for gold in British Columbia; successfully completed the 1984 "Mineral Exploration Course for Prospectors".

- 1) Sample Number
- 2) Depth of Sample
- 3) Dip of Slope & Direction
- 4) Type of Vegetation
- 5) Color of Sample
- 6) Texture of Sample
- 7) Moisture
- 8) Comments

- 1) BL 250
- 2) 30 cm
- 3) 50° - 270°
- 4) Old Hemlock - Moss
- 5) Rusty Brn.
- 6) Earth
- 7) 10%
- 8) Next to Bedrock

- 1) BL 400
- 2) 30 cm
- 3) 20° - 320°
- 4) Old Hemlock - Moss
- 5) Brn.
- 6) Sandy
- 7) 25%
- 8) Campsite

- 1) BL 300
- 2) 30 cm
- 3) 45° - West
- 4) Hemlock - Moss
- 5) Earthy Brn.
- 6) Earth
- 7) 25%
- 8) Old Creek Bed (?)

- 1) BL 450
- 2) 30 cm
- 3) 15° - 320°
- 4) Hemlock - Moss - Brush
- 5) Lt. Brn.
- 6) Sandy Earth
- 7) 10%
- 8) By Tree - Under Squirrel Hole

- 1) BL 350
- 2) 30 cm
- 3) 25° West
- 4) Hemlock - Moss
- 5) Yellow/Brn.
- 6) Sandy - Some Clay
- 7) 20%
- 8) --

- 1) BL 500
- 2) 60 cm
- 3) 45° N32E
- 4) Old Hemlock - Moss - Brush
- 5) Grey/Brn.
- 6) Gravel/Clay
- 7) 45%
- 8) Below Diorite Dyke in Pit



- |                             |  |
|-----------------------------|--|
| 1) BL 525                   | 1) BL 700  |
| 2) 60 cm                    | 2) 30 cm   |
| 3) 45° - 350°               | 3) 20° - N4°E  |
| 4) Moss Stunted Hemlock     | 4) Bracken, etc.   |
| 5) Grey                     | 5) Grey  |
| 6) Gritty Clay              | 6) Clay  |
| 7) 45%                      | 7) 80%   |
| 8) In Middle of Dyke in Pit | 8) On Slope Facing Open Ground - in Old Creekbed - no H2O on Surface |

- |                                   |   |
|-----------------------------------|---|
| 1) BL 550                         | 1) BL 750                                       |
| 2) 30 cm                          | 2) 45 cm  |
| 3) 40° - 320°                     | 3) 10° - 280°                                   |
| 4) Stunted Hemlock                | 4) Alder - Salmonberry - Devil's Club - Bracken |
| 5) Yellow/Brn.                    | 5) Brn.   |
| 6) Sandy                          | 6) Clayey                                       |
| 7) 25%                            | 7) 30%  |
| 8) On Other Side of Dyke on Ridge | 8) In Open - no Trees - Under Brush             |

- |                           |  |
|---------------------------|--|
| 1) BL 600                 | 1) BL 800                                      |
| 2) 30 cm                  | 2) 30 cm                                       |
| 3) 30° - 320°             | 3) 10° - 280°                                  |
| 4) Stunted Hemlock - Moss | 4) No trees nor Alder - Wild Flowers - Bracken |
| 5) Lt. Brn.               | 5) Brn.  |
| 6) Earthy Caly            | 6) Earth                                       |
| 7) 30%                    | 7) 25%   |
| 8) On Ridge               | 8) Open Area Facing Mine - Width 125m          |

- |                   |                       |
|-------------------|-----------------------|
| 1) BL 650         | 1) BL 850             |
| 2) 30 cm          | 2) 30 cm              |
| 3) 15° - 336°     | 3) 25° - 80°          |
| 4) Hemlock - Moss | 4) Heavy Berry Bushes |
| 5) Yellow' Brn.   | 5) Blaco              |
| 6) Sandy          | 6) Earth              |

8) On Ridge - Either Side 8) On top of Ridge  
Open Ground

- 1) DL 500
- 2) 30 cm
- 3) 40° - 280°
- 4) Hemlock - Moss
- 5) Brn.
- 6) Earthy Clay
- 7) 25%
- 8) --

- 1) DL 700
- 2) 30 cm
- 3) 20° - 300°
- 4) Hemlock - Moss
- 5) Oxidized - Brn.
- 6) Earth
- 7) 20%
- 8) On Ridge - Good Walking NW

- 1) DL 550
- 2) 30 cm
- 3) 20° - 310°
- 4) Hemlock - Moss
- 5) Rusty
- 6) Earthy Clay
- 7) 25%
- 8) --

- 1) DL 750
- 2) 30 cm
- 3) 50° - 350°
- 4) Hemlock - Moss
- 5) Dk. Brn.
- 6) Earthy
- 7) 20%
- 8) On Side of Creek

- 1) DL 600
- 2) 30 cm
- 3) 45° - N14E°
- 4) Hemlock - Soloman's Seal
- 5) Brn.
- 6) Earthy
- 7) 25%
- 8) On Steep Slope

- 1) DL 800
- 2) 30 cm
- 3) 20° - 340°
- 4) Hemlock - Moss
- 5) Sandy
- 6) Clayey
- 7) 30%
- 8) --

- 1) DL 650
- 2) 30 Cm
- 3) 35° - 330°
- 4) Hemlock - Moss
- 5) Brn.
- 6) Earthy
- 7) 25%

- 1) DL 840 - No Sample
- 2) Two Creeks Come Together Here. Outcrop of Argillite, 40° Dip - NW. Creek Dip 20° Bearing 310°

- 1) BL 900
- 2) 30 cm
- 3) 55° - 330°
- 4) Hemlock Leaf Covering
- 5) Red/Brn.
- 6) Sandy
- 7) 20%
- 8) --

- 1) AL 750
- 2) 30 cm
- 3) 20° - 280°
- 4) Wild Flowers
- 5) Brn.
- 6) Earth
- 7) 20%
- 8) Beside Old Creekbed - 100 m Open Ground.

- 1) ~~BL~~ 950
- 2) 30 cm
- 3) 55° - 330°
- 4) Old Hemlock - Some Moss
- 5) Rusty Brn.
- 6) Sandy
- 7) 20%
- 8) --

- 1) AL 700
- 2) 30 cm
- 3) 20° - 280°
- 4) Blueberry Bushes - Mt. Hemlock
- 5) Lt. Brn.
- 6) Gritty Earth
- 7) 25%
- 8) On Ridge in Centre of Open Area

- 1) ~~BL~~ 1000
- 2) 30 cm
- 3) 50° - 292°
- 4) Hemlock - Moss - Berry Bushes
- 5) Brn.
- 6) Sandy
- 7) 20%
- 8) --

- 1) AL 650
- 2) 30 cm
- 3) 50° - 340°
- 4) Heavy Brush - Mt. Hemlock
- 5) Lt. & Dk. Brn.
- 6) Sandy Earth
- 7) 25%
- 8) On Steep Slope

- 1) BL 1050
- 2) 30 cm
- 3) 55° - 292°
- 4) Devil's Club - Moss
- 5) Brn.
- 6) Coarse Clay
- 7) 25%
- 8) X Overline from A to C

- 1) ~~AL~~ 600
- 2) 30 cm
- 3) 50° - 330°
- 4) Hemlock - Moss - V/G
- 5) Rusty Brn.
- 6) Earthy
- 7) 20%
- 8) Outcrop Here: Dk - Fn. Gn. Py - Altered Argillite (?)

- 1) CL 1000
- 2) 30 cm
- 3) 50° - 276°
- 4) Old Hemlock
- 5) Brn.
- 6) Sandy
- 7) 20%
- 8) --

- 1) AL 950
- 2) 30 cm
- 3) 45° - 260°
- 4) Hemlock
- 5) Yellow/Brn.
- 6) Sandy Earth
- 7) 25%
- 8) --

- 1) AL 800
- 2) 30 cm
- 3) 45° - 250°
- 4) Hemlock - V?G
- 5) Brn.
- 6) Sandy
- 7) 25%
- 8) --

- 1) AL 1000
- 2) 30 cm
- 3) 45° - 350°
- 4) Hemlock
- 5) Brn.
- 6) Sandy
- 7) 25%
- 8) --

- 1) AL 850
- 2) 30 cm
- 3) 30° - 288°
- 4) Hemlock - Moss
- 5) Yellow/Brn.
- 6) Sandy Earth
- 7) 25%
- 8) —

- 1) AL 1025
- 2) 30 cm
- 3) 40° - 290°
- 4) Alder
- 5) Brn.
- 6) Sandy Earth
- 7) 25%
- 8) By Outcrop of Argillite - Dip 70° - 250° in Creekbed

- 1) AL 900
- 2) 30 cm
- 3) 45° - 260°
- 4) Hemlock - Moss
- 5) Brn.
- 6) Sandy Earth
- 7) 25%
- 8) ----

|   |   |
|---|---|
| 1) AL 550                               | 1) CL 400                               |
| 2) 30 cm                                | 2) 30 cm                                |
| 3) 50° - 340°                           | 3) 20° - 280°                           |
| 4) Stunted Trees/Brush                  | 4) Hemlock - Moss                       |
| 5) Red/Brn.                             | 5) Grey/Brn.                            |
| 6) Earth                                | 6) Clayey                               |
| 7) 25%                                  | 7) 45%                                  |
| 8) On Steep Slope                       | 8) --                                   |
| 1) AL 500                               | 1) CL 450                               |
| 2) 30 cm                                | 2) 30 cm                                |
| 3) 55° - 340°                           | 3) 20° - 280°                           |
| 4) Lg. Hemlock - V/G                    | 4) Hemlock - Brush - Moss               |
| 5) <sup>Moss</sup> Grey/Brn.            | 5) Grey/Brn.                            |
| 6) Gritty Earth                         | 6) Clay                                 |
| 7) 25%                                  | 7) 40%                                  |
| 8) Much Shisty Argillite                | 8) --                                   |
| 1) AL 450                               | 1) CL 500                               |
| 2) 30 cm                                | 2) 45 cm                                |
| 3) 50° - 306°                           | 3) 30° - 324°                           |
| 4) Helmock - Moss - V/B                 | 4) Old Creek Bed - Moss                 |
| 5) Red/Brn.                             | 5) Sandy/Brn.                           |
| 6) Earth                                | 6) Sandy Clay                           |
| 7) 20%                                  | 7) 40%                                  |
| 8) --                                   | 8) In Creekbed From Diorite Outcrop (?) |
| 1) AL400                                | 1) CL550                                |
| 2) 30 cm                                | 2) 45 cm                                |
| 3) 15° - 304°                           | 3) 40° - 320°                           |
| 4) Hemlock - Moss - V/B                 | 4) Old Hemlock - Blueberries            |
| 5) Brn.                                 | 5) Sandy                                |
| 6) Earthy Clay                          | 6) Sandy Clay                           |
| 7) 40%                                  | 7) 40%                                  |
| 8) Old Creekbed - goes to BL 400 sample | 8) --                                   |

- 1) ~~CL~~ 600
- 2) 45 cm
- 3) 45° - N4°E
- 4) Old Hemlock - Moss
- 5) Rusty Brn./Goldy
- 6) Sandy
- 7) 35%
- 8) --

- 1) CL 800
- 2) 30 cm
- 3) 20° - 280°
- 4) Berry Bushes - Alders
- 5) Lt. Brn.
- 6) Sandy
- 7) 25%
- 8) --

- 1) CL 650
- 2) 30 cm
- 3) 20° - 300°
- 4) Old Hemlock - Moss - Lots of Brush
- 5) Clay Brn.
- 6) Clay
- 7) 40%
- 8) --

- 1) CL 850
- 2) 30 cm
- 3) 10° - 340°
- 4) Alder - Berry Bushes
- 5) Block
- 6) Earth
- 7) 25%
- 8) --

- 1) CL 700
- 2) 30 cm
- 3) 20° - 340°
- 4) Hemlock - Moss - Berry Bushes
- 5) Rusty Brn.
- 6) Sandy
- 7) 20%
- 8) About 50 m to Open Space

- 1) CL 900
- 2) 30 cm
- 3) 45° - 300°
- 4) Hemlock - Cedar - Devil's Club - Fern
- 5) Yellow/Brn.
- 6) Sandy
- 7) 20%
- 8) --

- 1) CL 750
- 2) 30 cm
- 3) 20° - 280°
- 4) Alder - Salmonberry - Devil's Club - Fern
- 5) Brn.
- 6) Clayey
- 7) 30%
- 8) Open Ground - lot's of

- 1) CL 950
- 2) 30 cm
- 3) 45° - 270°
- 4) Hemlock - Moss
- 5) Lt. Brn.
- 6) Sandy
- 7) 20%
- 8) --

# CERTIFICATE OF ANALYSIS

ROSSBACHER LABORATORY LTD.

2225 SOUTH SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL: (604) 299-6910

TO: LEON LE BLOND  
BOX 1097  
TERRACE B.C. V8G 4R2

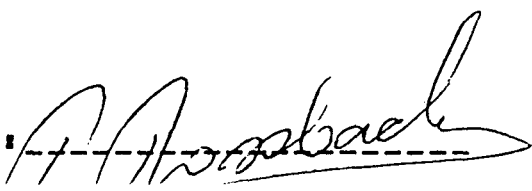
CERTIFICATE NO. :84052- 1

INVOICE NO. :4073

PROJECT: SATURN CLAIMS

DATE ANALYSED :MARCH 30 1984

| SAMPLE# | PPM Mo | PPM Cu | PPM Ag | PPM Zn | PPM Pb |
|---------|--------|--------|--------|--------|--------|
| AL 400  | 2      | 28     | 0.6    | 80     | 14     |
| AL 450  | 1      | 22     | 1.0    | 56     | 10     |
| AL 500  | 4      | 24     | 0.8    | 142    | 8      |
| AL 550  | 4      | 22     | 0.4    | 70     | 14     |
| AL 600  | 2      | 24     | 0.2    | 70     | 12     |
| AL 650  | 2      | 18     | 1.0    | 52     | 8      |
| AL 700  | 1      | 28     | 0.4    | 66     | 20     |
| AL 750  | 1      | 36     | 0.4    | 118    | 20     |
| AL 800  | 2      | 12     | 0.6    | 44     | 6      |
| AL 850  | 1      | 26     | 0.4    | 78     | 14     |
| AL 900  | 1      | 22     | 0.2    | 46     | 8      |
| AL 950  | 1      | 28     | 0.2    | 74     | 12     |
| AL 1000 | 1      | 36     | 0.2    | 132    | 14     |
| AL 1025 | 2      | 30     | 0.2    | 90     | 16     |
| BL 250  | 2      | 28     | 0.4    | 68     | 20     |
| BL 300  | 1      | 24     | 0.6    | 66     | 12     |
| BL 350  | 1      | 28     | 0.2    | 80     | 14     |
| BL 400  | 1      | 36     | 0.2    | 76     | 10     |
| BL 450  | 1      | 38     | 0.8    | 86     | 12     |
| BL 500  | 1      | 42     | 0.2    | 94     | 12     |
| BL 525  | 1      | 30     | 0.2    | 90     | 10     |
| BL 550  | 1      | 32     | 0.6    | 78     | 12     |
| BL 600  | 1      | 40     | 0.2    | 106    | 14     |
| BL 650  | 1      | 30     | 0.4    | 76     | 12     |
| BL 700  | 7      | 28     | 0.2    | 134    | 12     |
| BL 750  | 1      | 30     | 0.2    | 82     | 10     |
| BL 800  | 1      | 44     | 1.0    | 204    | 20     |
| BL 850  | 1      | 26     | 0.2    | 56     | 14     |
| BL 900  | 1      | 26     | 0.2    | 62     | 16     |
| BL 950  | 1      | 20     | 0.2    | 72     | 10     |
| BL 1000 | 1      | 26     | 0.2    | 70     | 14     |
| BL 1050 | 1      | 28     | 0.2    | 86     | 14     |

CERTIFIED BY : 

# CERTIFICATE OF ANALYSIS

ROSSBACHER LABORATORY LTD.

2225 SOUTH SPRINGER AVENUE  
BURNABY, B.C. V5B 3N1  
TEL: (604) 299-6910

TO: LEON LE BLOND  
BOX 1097  
TERRACE B.C. V8G 4R2

CERTIFICATE NO. :84052- 2

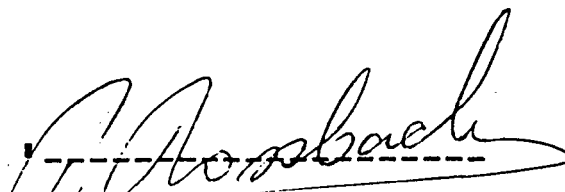
INVOICE NO. :4073

PROJECT: SATURN CLAIMS

DATE ANALYSED :MARCH 30 1984

| SAMPLE# | PPM<br>Mo | PPM<br>Cu | PPM<br>Ag | PPM<br>Zn | PPM<br>Pb |
|---------|-----------|-----------|-----------|-----------|-----------|
| BL 1100 | 1         | 22        | 0.2       | 64        | 14        |
| CL 400  | 3         | 24        | 0.4       | 88        | 8         |
| CL 450  | 2         | 38        | 0.6       | 86        | 10        |
| CL 500  | 2         | 26        | 0.2       | 78        | 8         |
| CL 550  | 1         | 26        | 0.2       | 76        | 8         |
| CL 600  | 1         | 24        | 0.2       | 72        | 12        |
| CL 650  | 1         | 26        | 0.4       | 98        | 12        |
| CL 700  | 1         | 24        | 0.6       | 72        | 14        |
| CL 750  | 1         | 26        | 0.4       | 96        | 10        |
| CL 800  | 1         | 38        | 0.8       | 82        | 12        |
| CL 850  | 1         | 28        | 0.4       | 60        | 10        |
| CL 900  | 2         | 38        | 0.4       | 114       | 12        |
| CL 950  | 1         | 22        | 0.4       | 96        | 12        |
| CL 1000 | 1         | 20        | 0.2       | 72        | 10        |
| DL 500  | 1         | 24        | 0.4       | 48        | 8         |
| DL 550  | 1         | 24        | 0.4       | 72        | 12        |
| DL 600  | 1         | 22        | 1.0       | 64        | 6         |
| DL 650  | 1         | 26        | 0.6       | 58        | 6         |
| DL 700  | 1         | 20        | 0.4       | 48        | 10        |
| DL 750  | 2         | 32        | 0.4       | 98        | 10        |
| DL 800  | 2         | 22        | 0.4       | 56        | 8         |

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DISCUSSION OF RESULTS

Although nothing indicated by the results, it should be noted that around the diorite outcrop on the Base Line and what mineralized float was found, the figures are generally lower.

An attempt was made to find the contact of the dyke and the argillite by trenching however, overburden and weather conditions did not permit this to be completed.

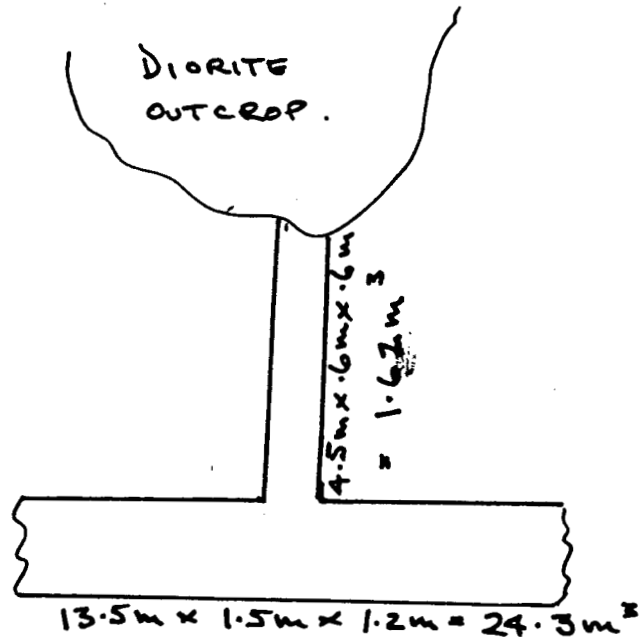
RECOMMENDATIONS

- 1) The grid to be tightened up
- 2) Resample soils on tightened grid
- 3) Complete a ground VLF survey
- 4) Complete trenching to find diorite dyke contact.

SIGNED:     L. LeBlond     Prospector  
Leon LeBlond

DATE: July, 1984

COST OF TRENCHING IN EARTH AT DIORITE DYKE  
OUTCROP TO FIND CONTACT



SEE BASE MAP

|            |   |                                |                |
|------------|---|--------------------------------|----------------|
| TRENCH # 1 | - | 24.3                           | m <sup>3</sup> |
| TRENCH # 2 | - | 1.62                           | m <sup>3</sup> |
| TOTAL:     |   | 25.92                          | m <sup>3</sup> |
|            |   | 25.92 x \$20.00/m <sup>3</sup> |                |
|            | = | \$ 518.40                      |                |

COST OF WORK

Prospecting area for outcrop and grid.  
Cutting lines for grid - 2.63 Km.  
Fifty-three (53) soil samples taken.

Two (2) men x 12 days = 24 days x \$100./day  
= \$ 2400.00

|                   |        |
|-------------------|--------|
| Cost of food      | 400.00 |
| Cost of transport | 75.00  |
| Cost of assays    | 275.00 |
| Cost of report    | 350.00 |

|                   |              |
|-------------------|--------------|
| SUB TOTAL         | : \$ 3500.00 |
| Cost of trenching | 518.00       |
| TOTAL             | : \$ 4018.40 |

Work carried out by:

Roger Kelly, Prospector  
Leon LeBlond, Prospector

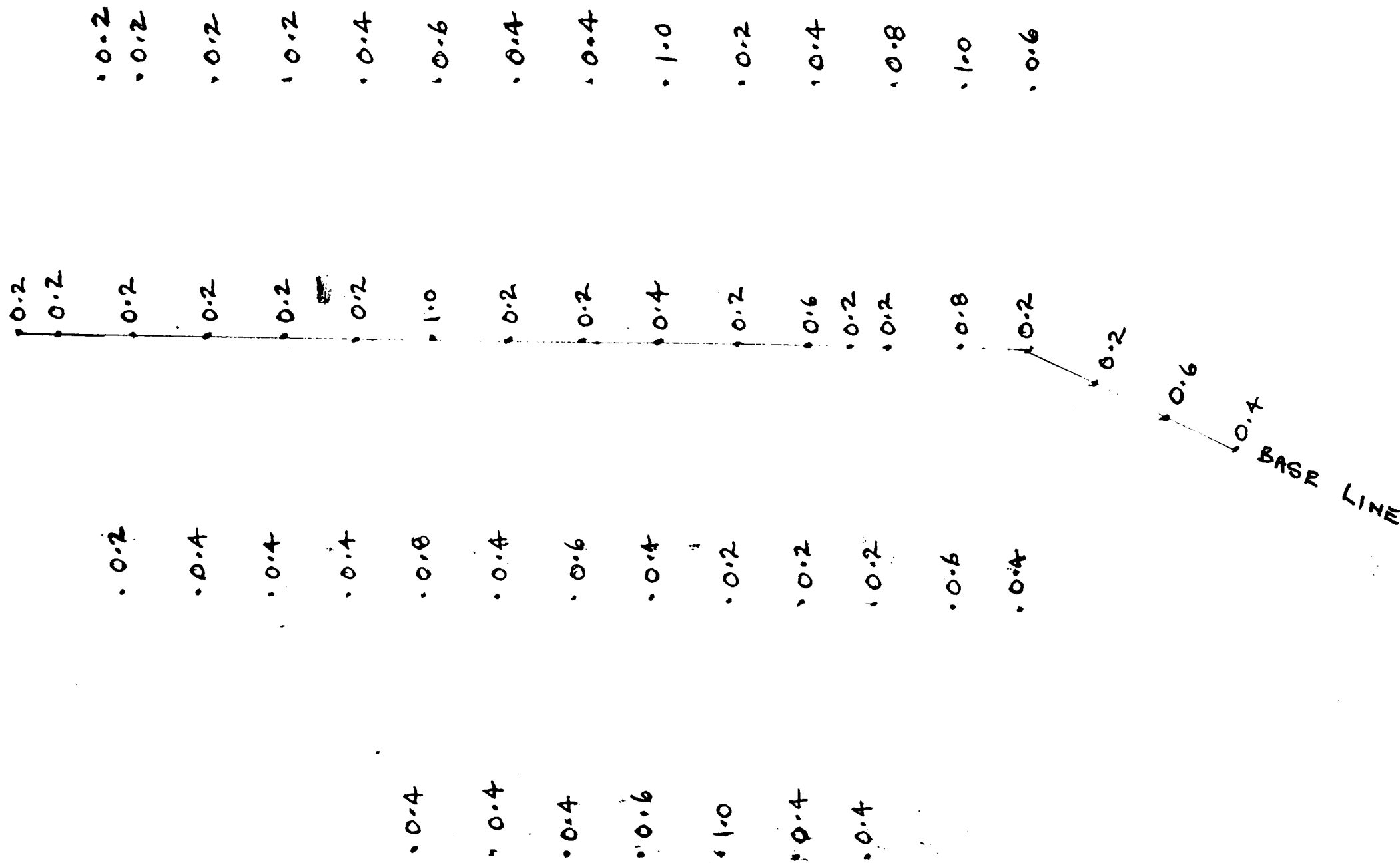


FIG 1  
Ag IN PPM.

LAY ON BASE MAP. (MAP 4)

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

12,625

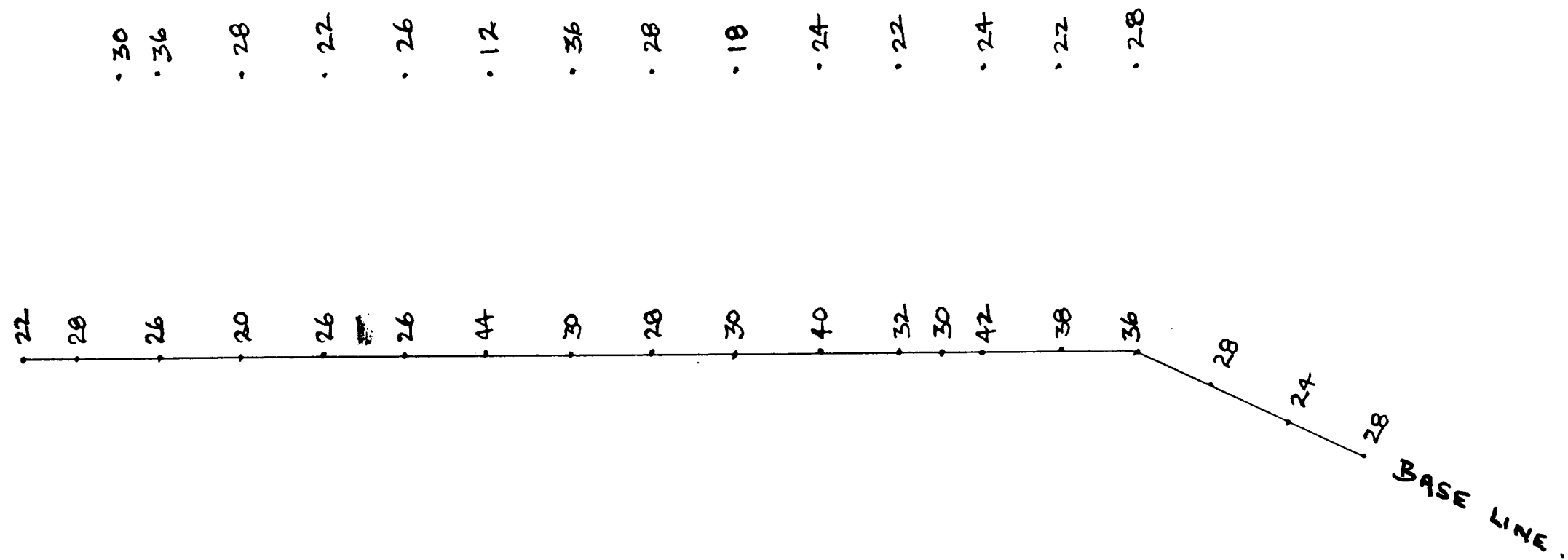


FIG 2  
Cu in PPM.

LAY ON BASE MAP (MAP 4)  
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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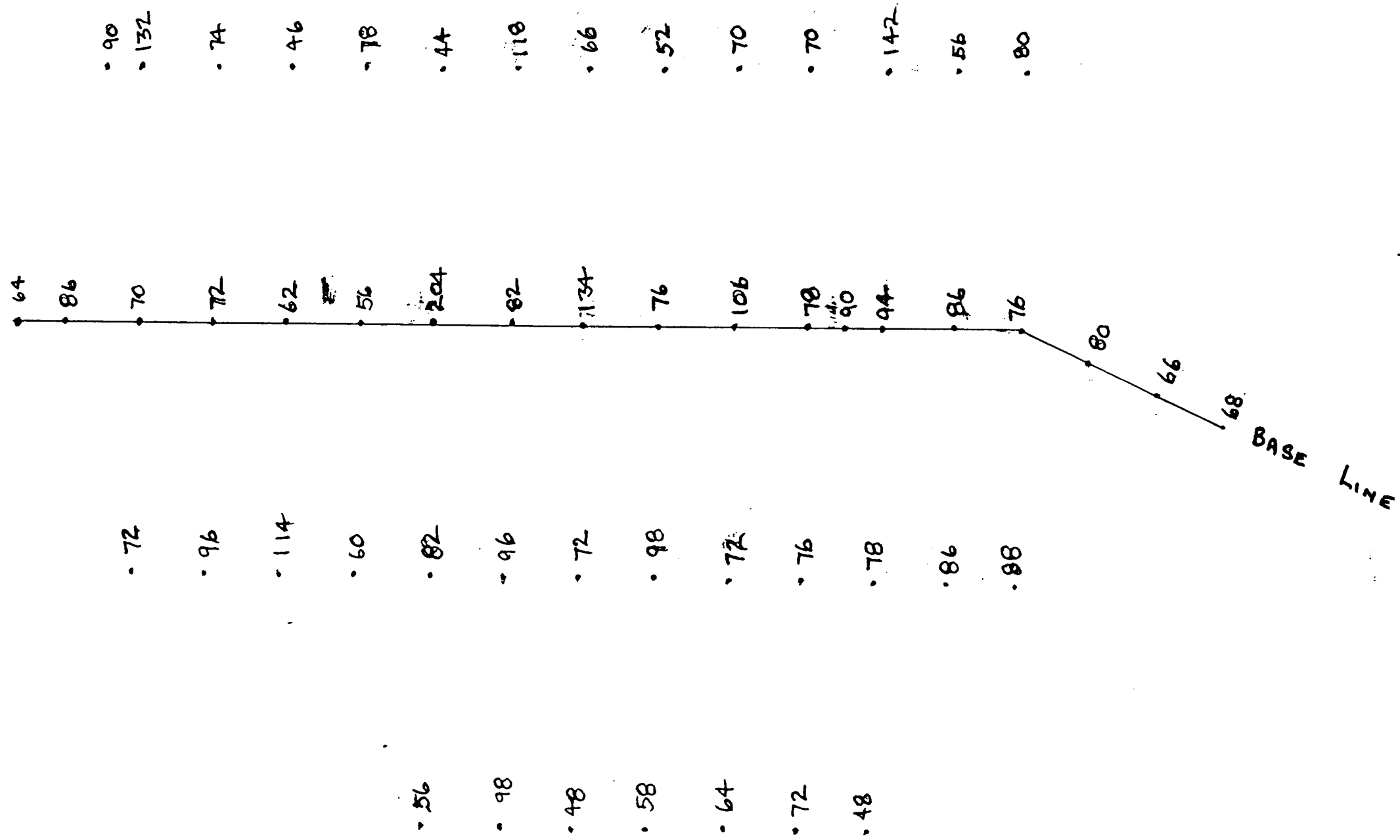


FIG 3  
Zn in PPM.

LAY ON BASE MAP (MAP 4)

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

12,625

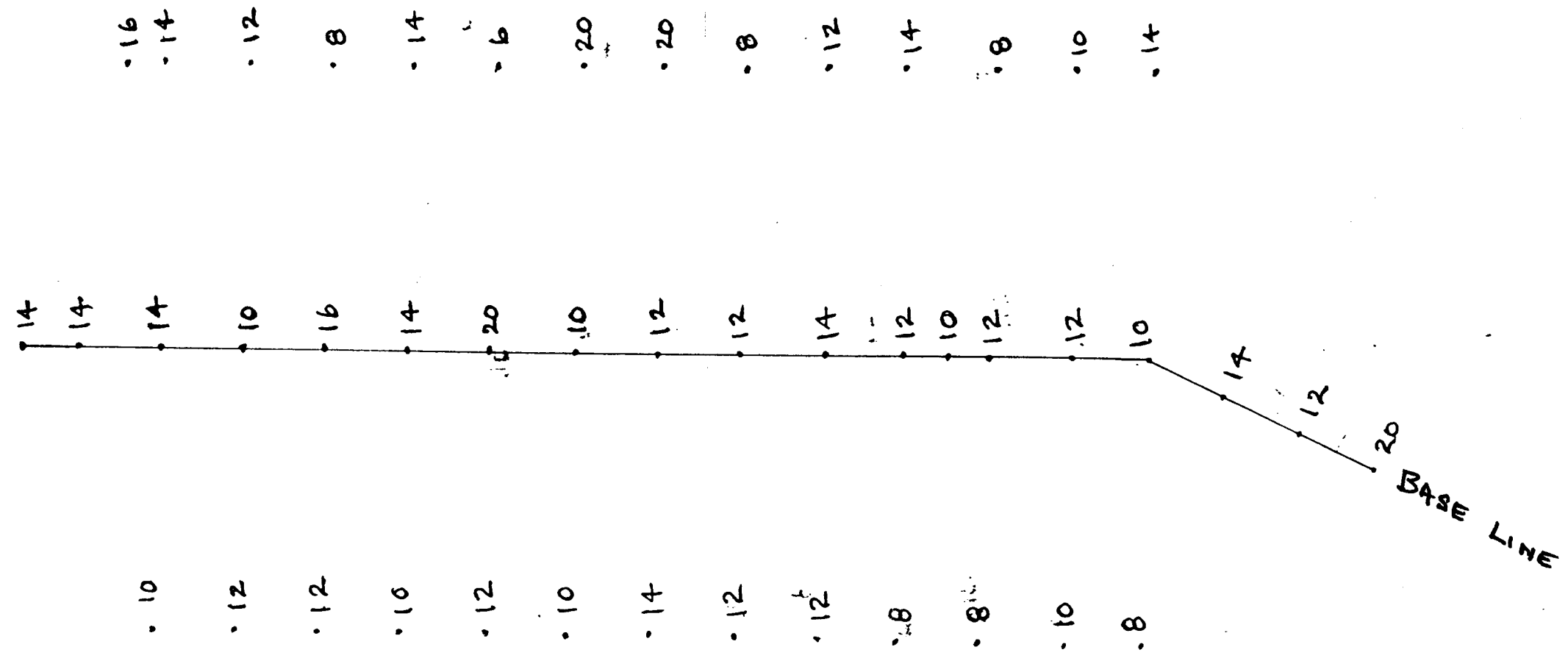


FIG 4  
Pb IN PPM.

LAY ON BASE MAP.  
(MAP 4).  
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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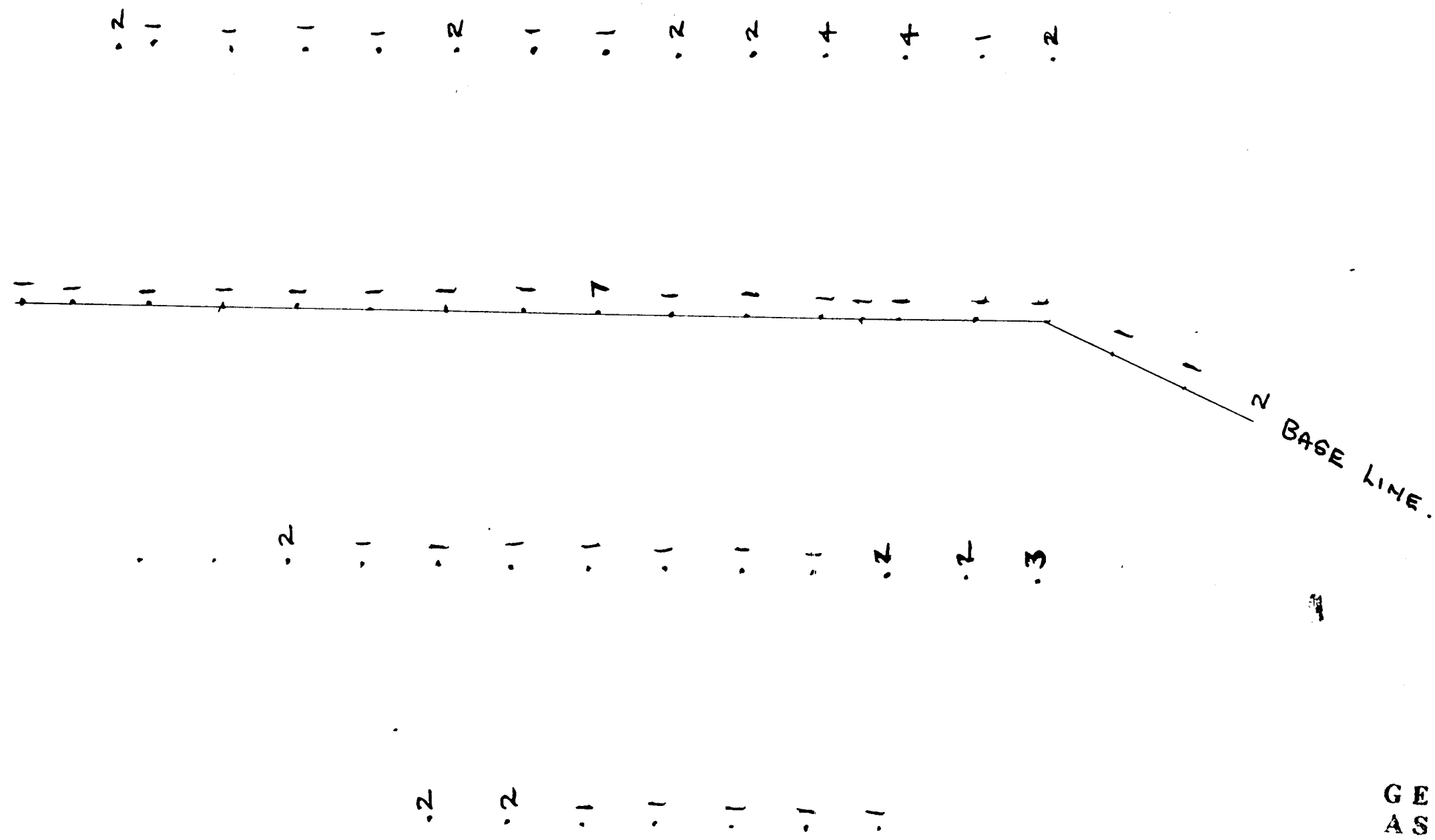


FIG 5  
Mo in PPM.

LAY ON BASE MAP.  
GEOLOGICAL BRANCH (MAP 4).  
ASSESSMENT REPORT

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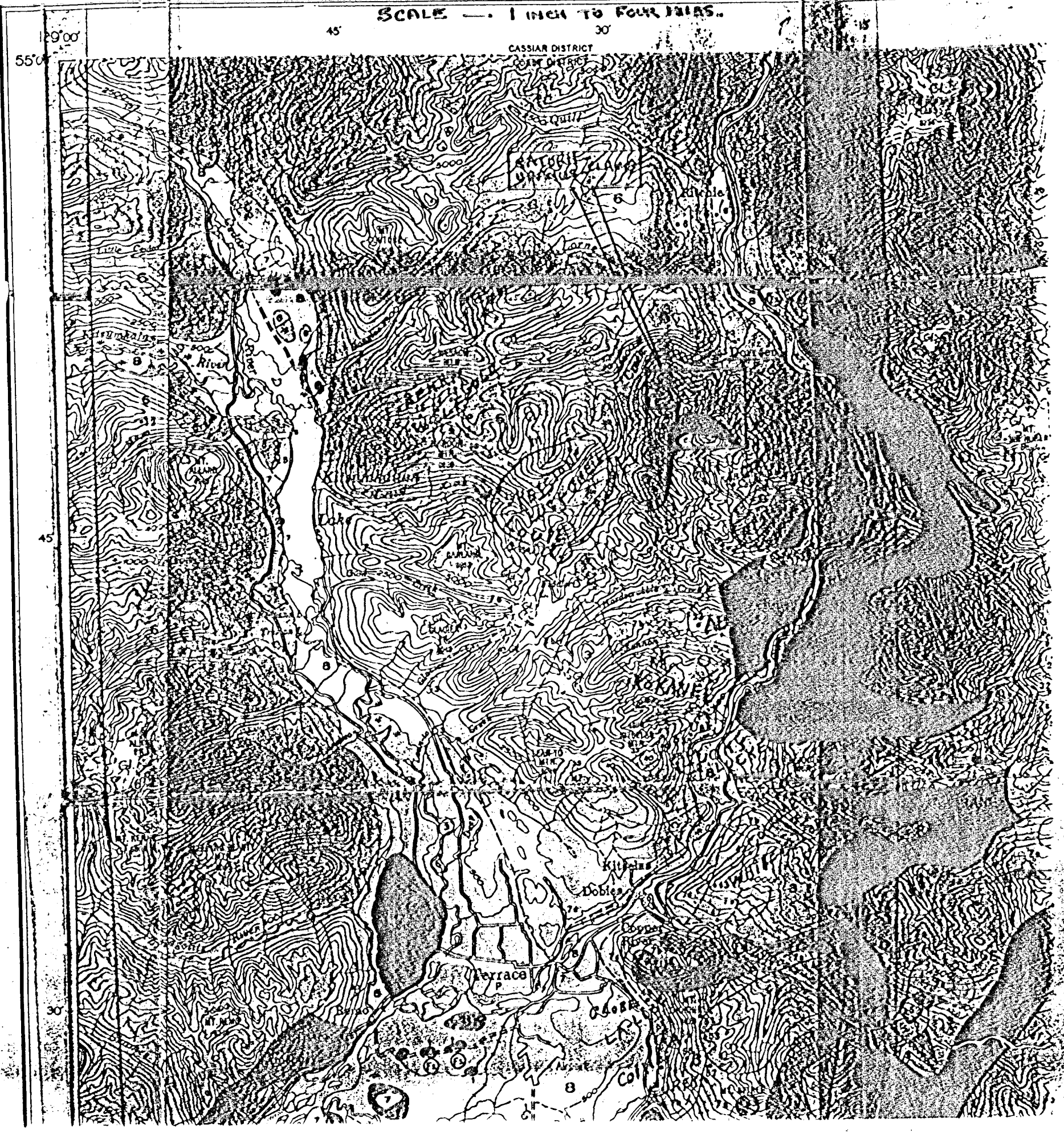


LEGEND

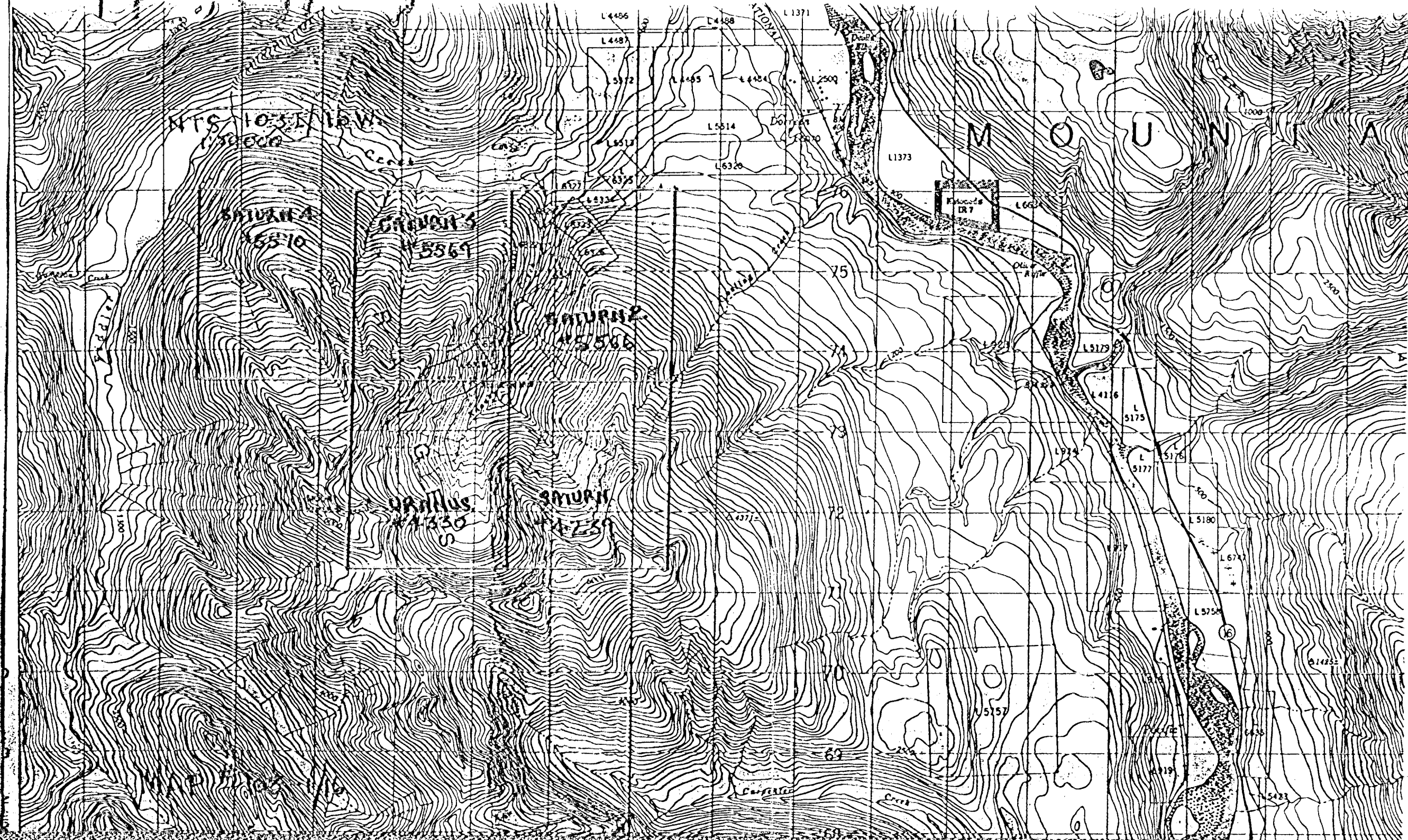
- CENOZOIC**
- QUATERNARY**  
PLEISTOCENE AND RECENT  
8 Sand, gravel, clay, alluvium
  - CRETACEOUS OR LATER**  
UPPER CRETACEOUS OR LATER  
COAST INTRUSIONS  
7 Undifferentiated: granodiorite, diorite, quartz diorite, quartz monzonite, adamellite, granite, gabbro  
Border Facies: 7a, hornblende and hornblende-biotite granodiorite; 7b, hornblende diorite, quartz diorite, migmatite  
Inner Facies: 7c, white granodiorite; 7d, green granodiorite; 7e, pink granodiorite  
Pyroxene Quartz Diorite Facies: 7f, border phase; fine-grained, non-porphyrific, pyroxene quartz diorite; 7g, coarse-grained, non-porphyrific phase; pyroxene granodiorite; 7h, porphyritic phase; pyroxene granodiorite and adamellite; 7i, central phase; adamellite and granophyre  
Gabbro Facies: 7j, olivine gabbro, pyroxene gabbro, diorite
- MESOZOIC**
- JURASSIC AND (?) CRETACEOUS**  
UPPER JURASSIC AND (?) LOWER CRETACEOUS  
BOWSER GROUP  
6 Greywacke, conglomerate, argillite; minor tuff
  - JURASSIC**  
LOWER (?) AND MIDDLE JURASSIC  
KAZELTON GROUP  
Andesite, basalt, rhyolite, dacite
  - Andesite, breccio, tuff, greywacke, argillite
  - TRIASSIC (?)**  
3 Limestone-boulder conglomerate, greywacke, banded volcanic sandstone, chert
- PALEOZOIC**
- CARBONIFEROUS AND PERMIAN**  
2 White crystalline limestone
  - Greenstone, shale, argillaceous limestone, limestone

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- Bedding (inclined, vertical) .....
- Schistosity (inclined, dip unknown) .....
- Fault (defined, approximate) .....
- Anticline (defined, approximate) .....
- Syncline (defined, approximate) .....
- Glacial striae .....
- Fossil locality (leaves, shells) .....
- Mineral property .....

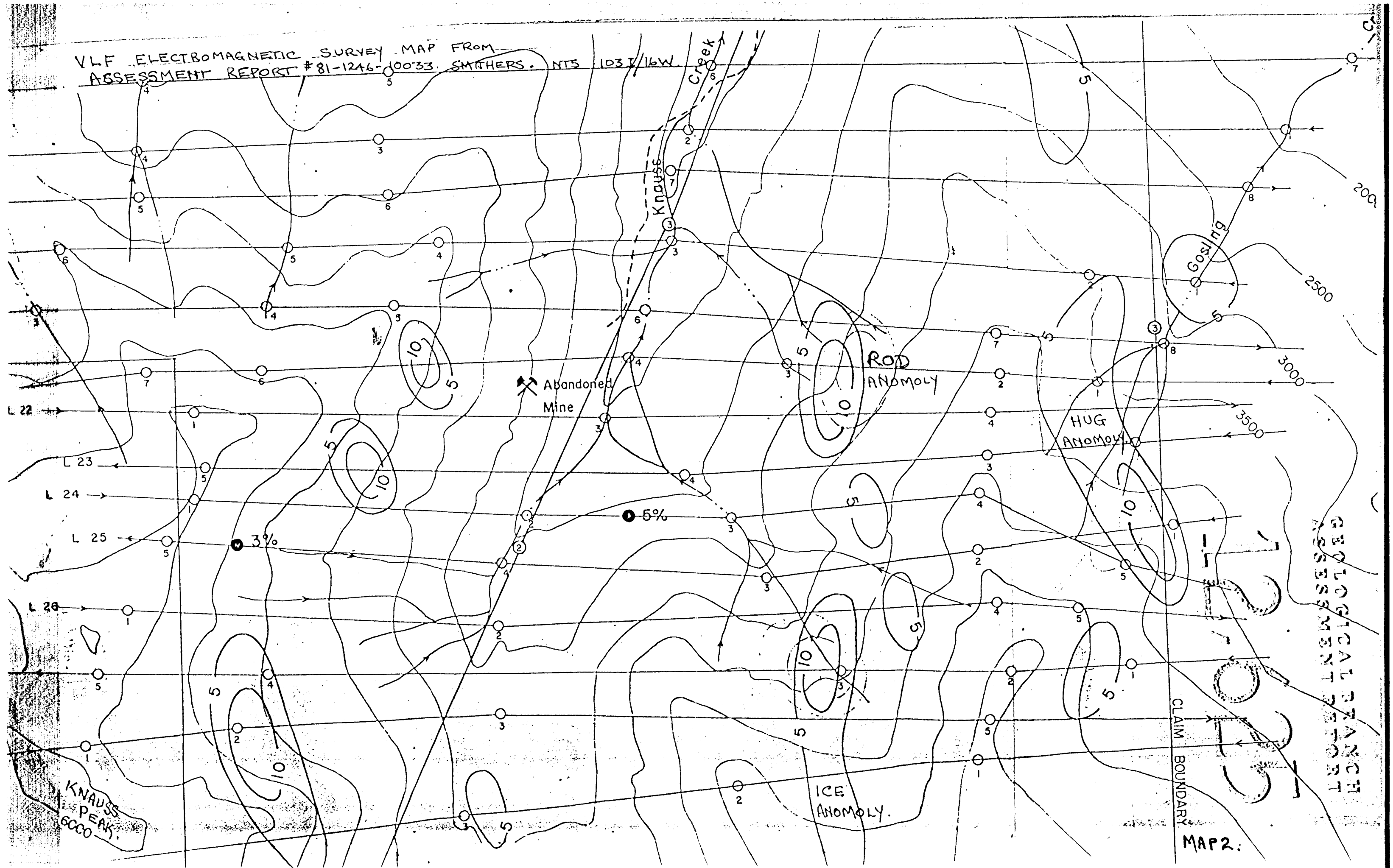


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GEOLOGICAL BRANCH  
ASSESSMENT REPORT



NTS 10.3 I/160  
MAP I.A  
SCALE 1:50,000  
MILES 0

VLF ELECTROMAGNETIC SURVEY MAP FROM  
ASSESSMENT REPORT #81-1246-10033. SMITHERS. NTS 103T/16W

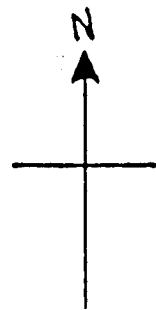


GEOLOGICAL BRANCH  
ASSESSED

MAP 2.

SATURN AND URANUS CLAIMS, NEAR DORREEN.

VLF MAGNETIC ANOMOLIES. SEE REPORT 81-1246-10033.



MINE ROU TO DORREK

KNAUSS CREEK

MINE SITE

ABANDONED MINE.

LCP

ROD ANOMOLY

HELICOPTER PAD

BASE CAMP

HUG ANOMOLY

ICE ANOMOLY

FOSLING CREEK

CLAIM BOUNDARY.

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GEOLOGICAL BRANCH  
ASSISTANT BRANCH

SCALE 1:7500.

MAP 3.

KNAUSS  
CREEK

