



42L07NW8027 2.3383 O'SULLIVAN LAKE
MAUN

010

RECEIVED

JUL 18 1980

MINING LANDS SECTION

REPORT
ON
GEOPHYSICAL SURVEYS
ON PROPERTY
IN
O'SULLIVAN LAKE AND MAUN LAKE AREAS
THUNDER BAY MINING DIVISION
ONTARIO

E. W. BAZINET, P. ENG.
DESIGNATED CONSULTANT

Dated

at

Penetang, Ontario.
July 15, 1980.

REPORT
ON
GEOPHYSICAL SURVEYS
ON PROPERTY
IN
O'SULLIVAN LAKE AND MAUN LAKE AREAS
THUNDER BAY MINING DIVISION
ONTARIO

INTRODUCTION

Ground geophysical work, consisting of electromagnetic surveys and a magnetometer survey, was carried out on two claim groups, located in the O'Sullivan Lake and Maun Lake areas of Ontario, during March, April and June of 1980. These properties are referred to as property "A" and property "B".

PROPERTIES

The properties consist of two separate claim groups totalling 28 unpatented claims. Property "A" included 16 claims totalling 640 acres, and property "B" consists of 12 claims covering approximately 480 acres. The groups are precisely described as follows:-

Property "A"

| <u>Claim No.</u> | <u>Status</u> | <u>Approx. Acres</u> |
|------------------|---------------|----------------------|
| TB 539726 | Unpatented | 40 |
| TB 539727 | " | " |
| TB 539728 | " | " |
| TB 539729 | " | " |
| TB 539730 | " | " |
| TB 539731 | " | " |
| TB 539732 | " | " |

| | | |
|-----------|-------------|-----|
| TB 539733 | Unpatented | 40 |
| TB 539751 | " | 40 |
| TB 539752 | " | 40 |
| TB 539753 | " | 40 |
| TB 539520 | " | 40 |
| TB 539521 | " | 40 |
| TB 539522 | " | 40 |
| TB 539523 | " | 40 |
| TB 539524 | " | 40 |
| | <hr/> | |
| | Total Acres | 640 |

Property "B"

| <u>Claim No</u> | <u>Status</u> | <u>Approx, Acres</u> |
|-----------------|---------------|----------------------|
| TB 539714 | " | 40 |
| TB 539715 | " | 40 |
| TB 539716 | " | 40 |
| TB 539717 | " | 40 |
| TB 539718 | " | 40 |
| TB 539719 | " | 40 |
| TB 539720 | " | 40 |
| TB 539721 | " | 40 |
| TB 539722 | " | 40 |
| TB 539723 | " | 40 |
| TB 539724 | " | 40 |
| TB 539725 | " | 40 |
| | <hr/> | |
| | Total Acres | 480 |

LOCATION AND ACCESS

The properties are situated on the north shore of the north east arm of O'Sullivan Lake, approximately twenty miles north west of Nakina and fifty-five miles due north of Geraldton. A gravel road connecting Cavell, on the C.N.R. 15 miles west of Nakina, passes close to the west shore of O'Sullivan Lake. From this point it is 9 miles to the property by boat. The most practical method of winter access is by charter aircraft from Nakina.

SURVEY METHOD AND PRESENTATION OF RESULTS

The horizontal loop electromagnetic survey employed the Apex Maxmin II electromagnetic instrument operated in the horizontal

coil configuration with a transmitter-receiver separation of 328 feet. Readings of the in-phase and out-of-phase components of the resultant field at 1777 Hz and 3555 Hz were recorded at station intervals of 100 feet and 50 feet, where greater detail was required. Grid lines were established at 400 feet spacings and 200 feet spacings where greater detail was required. The ideal profile of the electromagnetic readings over a conductive body forms a curve with positive shoulders as the conductor is approached and a negative trough over the conductor. Both the in-phase and out-of-phase response show the same general curve over a conductor except in areas of deep conductive overburden. In the latter setting phase rotation phenomena can alter the ideal type response over bedrock conductive body. The ratio between the in-phase and out-of-phase response over a conductive zone provides a qualitative indication of the conductivity of a conductor as does the geophysical response at different frequencies. Conductivity thickness determinations (mhos) provide a quantitative method for comparing the degree of conductivity. In general, the ratio of the in-phase to out-of-phase response increases as the conductivity of the underlying body increases and a ratio of 1.0 or greater is considered to be typical of the response generated by a massive sulfide body.

The electromagnetic responses as plotted on the accompanying maps are not corrected for topographic variations.

The magnetometer survey employed the Geo Metrics Model G816 portable proton magnetometer, measuring the total intensity of the earth's magnetic field within an accuracy of plus or minus one gamma. The magnetic responses as plotted on the accompanying maps, are corrected for diurnal variation and instrument drift, and are contoured at appropriate intervals. Magnetic base stations were

Established at regular intervals so that base station readings were made approximately every 30 minutes.

The magnetic surveys and electromagnetic surveys at 1777 Hz and 3555 Hz are plotted on separate maps at a scale of one inch equals 200 feet. The electromagnetic readings are plotted in profile at a scale of one inch equals 20%.

INTERPRETATION OF RESULTS OF THE GEOPHYSICAL PROGRAM

Claim Group "A"

The electromagnetic survey over group "A", as plotted on the accompanying maps, outlines 4 conductors. The magnetometer survey indicates that all of the conductors are, at least in part, associated with anomalous magnetic responses.

The following is a brief description and interpretation of the conductors:-

Conductor A

Conductor A, is a moderate to strong feature with geophysical responses typical of semi massive to massive sulfide concentrations under moderate overburden depth. The west end of the conductor is coincident with a magnetic anomaly with maximum intensity of approximately 500 gammas above background.

The conductor is outlined over a length of in excess of 1200 feet and has a maximum width of 180 feet. The dip appears to be

near vertical. It coincides with a known area of copper-silver mineralization. The west end of this mineralized zone was tested by quite a few shallow diamond drill holes by previous operators and although some good grade copper-silver intersections were obtained over narrow widths, the mineralized sections could not be correlated into substantial zones. The previous diamond drilling has been confined to a strike length of approximately 400 feet, between lines 200 West and 200 East. The easterly 700 feet of conductor A has never been drill hole tested or trenched.

In the writer's opinion, the easterly extension of the known mineralized zone should be drill tested and at least one hole should be drilled to a depth of approximately 1000 feet to test the zone at depth. The easterly extension of the conductor does not coincide with a magnetic anomaly suggesting a change in mineral content towards the east.

Conductor B

Conductor B, is a moderate to strong feature. The geophysical response over the easterly 800 feet of the conductor is typical of massive sulfide response while the response over the westerly 1600 feet appears to be caused by disseminated type mineralization possibly

representing a mineralized shear zone. The easterly sector of the conductor is associated with a weak magnetic anomaly. Low gold values are known to be associated with a sheared quartz-carbonate zone near the easterly extremity of conductor B. The conductor underlies O'Sullivan Lake and has never been explored. It has a strike length of approximately 2400 feet and a maximum width of 400 feet. The dip appears to be near vertical.

In the writer's opinion, conductor B warrants testing by diamond drilling.

Conductor Zone C and D

Conductor C and D, has a length of approximately 1300 feet and a maximum width of 280 feet. The electromagnetic response is strong on line 400 east probably due to massive sulfide mineralization. The response over the remaining strike length is weaker and it appears to be caused by disseminated mineralization. The conductor is closely associated with a magnetic anomaly having a maximum relief of approximately 600 gammas.

Conductor zone C and D, is completely concealed by fairly deep overburden and diamond drilling to determine the bedrock source is recommended.

Claim Group "B"

The electromagnetic survey on group "B", does not

appear to have outlined any good conductors. Weak conductive areas as outlined by the survey coincide with swamps and areas which appear to be underlain by deep overburden and thus it is probable that these responses are due to conductive overburden rather than concentrations of sulfide minerals. It is probable that the sulfide mineralization is not sufficiently concentrated to produce an anomalous response.

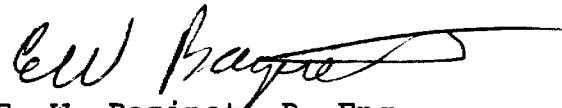
CONCLUSIONS AND RECOMMENDATIONS

The electromagnetic survey over group "A", outlines 4 conductors with geophysical responses typical of massive sulfide concentrations. A 400 foot strike length on one of these conductors has previously been tested by shallow drilling. Copper-silver-gold mineralization was intersected in these holes. It is therefore recommended that diamond drilling be carried out to determine if the conductors are due to economic concentrations of base or precious metal sulfides.

The electromagnetic survey on group "B", did not detect the known copper-silver mineralization. From former drilling carried out on this zone, it is apparent that the known mineralized zone is made up of discrete sulfide blibs and veinlets. This type of mineralization is not sufficiently conductive to be detected by the electromagnetic method. In the writer's opinion, the survey does not outline any extension to the known zone nor does it indicate any areas within the zone containing more massive concentrations of sulfides. No further exploration work is therefore recommended on the old mineralized zone. However, a narrow high grade chalcopyrite vein which was previously located in a small outcrop in a swamp

southeast of the old zone has never been explored. The occurrence is surrounded by swamp and is recommended that two short holes be drilled to explore the depth and strike continuity of this occurrence.

Respectfully Submitted



E. W. Bazinet, P. Eng.
Designated Consultant.

63.2086

Penetang, Ontario.
July 15, 1980.



TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Magnetometer & Electromagnetic
Township or Area Sullivan Lake and Maun Lake Areas
Claim Holder(s) E. W. Bazinet
Survey Company E. W. Bazinet Mining and Exploration Ltd.
Author of Report E. W. Bazinet
Address of Author SS 3, Site 6, Comp.20. Penetang
Covering Dates of Survey March 15 June 30/80 LOK IPO
(linecutting to office)
Total Miles of Line Cut 10.17

| MINING CLAIMS TRAVERSED | | | |
|-------------------------|----|----------|---|
| List numerically | | | |
| | EM | | |
| TB | ✓ | 539714 | ✓ |
| (prefix) | | (number) | |
| TB | ✓ | 539715 | ✓ |
| TB | ✓ | 539716 | ✓ |
| TB | ✓ | 539717 | ✓ |
| TB | ✓ | 539718 | ✓ |
| TB | ✓ | 539719 | ✓ |
| TB | ✓ | 539720 | ✓ |
| TB | ✓ | 539721 | ✓ |
| TB | ✓ | 539722 | ✓ |
| TB | ✓ | 539723 | ✓ |
| TB | ✓ | 539724 | ✓ |
| TB | ✓ | 539725 | ✓ |
| TOTAL CLAIMS | | 12 | |

If space insufficient, attach list

| SPECIAL PROVISIONS CREDITS REQUESTED | Geophysical | DAYS per claim |
|---|------------------|-------------------|
| ENTER 40 days (includes line cutting) for first survey. | -Electromagnetic | 40 |
| | -Magnetometer | 20 |
| | -Radiometric | |
| ENTER 20 days for each additional survey using same grid. | -Other | |
| | Geological | |
| | Geochemical | |

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)
Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: July 15/80 SIGNATURE: E.W. Bazinet
Author of Report or Agent

Res. Geol. _____ Qualifications _____

| Previous Surveys | | | |
|------------------|------|------|--------------|
| File No. | Type | Date | Claim Holder |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS -- If more than one survey, specify data for each type of survey

Number of Stations 490 Number of Readings 600
Station interval 100 feet and 50 feet Line spacing 400 feet
Profile scale 1 inch = 20% in-phase & out-of-phase
Contour interval 100 gammas

MAGNETIC

Instrument Geo Metrics Model G816 Proton Mag
Accuracy - Scale constant 1 gamma
Diurnal correction method Corrected to reference base station every 30 minutes
Base Station check-in interval (hours) 0.5 hours
Base Station location and value Base line @ 20+ 00N, 1267 gammas

ELECTROMAGNETIC

Instrument Apex Parametrics Max Min II
Coil configuration Horizontal Loop
Coil separation 328 feet
Accuracy Plus or Minus 1/2%
Method: [] Fixed transmitter [] Shoot back [x] In line [] Parallel line
Frequency 1777 and 3555 Hz
Parameters measured In-phase and Quadrature (out-of-phase) component of the secondary field.

GRAVITY

Instrument
Scale constant
Corrections made
Base station value and location
Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument
Method [] Time Domain [] Frequency Domain
Parameters - On time Frequency
- Off time Range
- Delay time
- Integration time
Power
Electrode array
Electrode spacing
Type of electrode



**GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL
TECHNICAL DATA STATEMENT**

**TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.**

Type of Survey(s) Magnetometer & Electromagnetic

Township or Area O'Sullivan Lake Area

Claim Holder(s) E. W. Bazinet and Glen H. Coyne

Survey Company E. W. Bazinet Mining and Exploration

Author of Report E. W. Bazinet Ltd.

Address of Author SS 3, Site 6, Comp. 20, Penetang

Covering Dates of Survey March 15/80 June 30/80 LOk 1P0
(linecutting to office)

Total Miles of Line Cut 21.15

| <u>SPECIAL PROVISIONS CREDITS REQUESTED</u> | | <u>DAYS per claim</u> |
|---|------------------|---------------------------|
| ENTER 40 days (includes line cutting) for first survey. | Geophysical | |
| | -Electromagnetic | <u>40</u> |
| | -Magnetometer | <u>20</u> |
| | -Radiometric | _____ |
| ENTER 20 days for each additional survey using same grid. | -Other | _____ |
| | Geological | _____ |
| | Geochemical | _____ |

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: July 15/80 SIGNATURE: E.W. Bazinet
Author of Report or Agent

Res. Geol. _____ Qualifications 63.2086

| <u>Previous Surveys</u> | | | |
|-------------------------|------|------|--------------|
| File No. | Type | Date | Claim Holder |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| <u>MINING CLAIMS TRAVERSED</u> | | | |
|--------------------------------|-------------------------|-----------|---|
| | <u>List numerically</u> | | |
| | EM | | N |
| TB | ✓ 539520 | ✓ | |
| (prefix) | (number) | | |
| TB | ✓ 539521 | ✓ | |
| TB | ✓ 539522 | ✓ | |
| TB | ✓ 539523 | ✓ | |
| TB | ✓ 539524 | ✓ | |
| TB | ✓ 539726 | ✓ | |
| TB | 1/4 539727 | 1/4 | |
| TB | ✓ 539728 | ✓ | |
| TB | ✓ 539729 | ✓ | |
| TB | ✓ 539730 | ✓ | |
| TB | ✓ 539731 | ✓ | |
| TB | ✓ 539732 | ✓ | |
| TB | ✓ 539733 | ✓ | |
| TB | ✓ 539751 | ✓ | |
| TB | ✓ 539752 | ✓ | |
| TB | ✓ 539753 | ✓ | |
| TB | 1/4 554092 | 1/4 | |
| TB | ✓ 554093 | ✓ | |
| TB | ✓ 554094 | ✓ | |
| TB | ✓ 554095 | ✓ | |
| TB | ✓ 554096 | ✓ | |
| TOTAL CLAIMS | | <u>21</u> | |

If space insufficient, attach list

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations 1130 Number of Readings 1130
Station interval 100 feet Line spacing 400 feet
Profile scale 1 inch = 20% in-phase & out-of-phase
Contour interval 100 gammas

MAGNETIC

Instrument Geo Metrics Model G816 Proton Mag
Accuracy – Scale constant 1 gamma
Diurnal correction method Corrected to reference base station every 30 minutes
Base Station check-in interval (hours) 0.5 hours
Base Station location and value Base line @ 8 + 00E, 1125 gammas

ELECTROMAGNETIC

Instrument Apex Parametrics Max Min II
Coil configuration Horizontal Loop
Coil separation 328 feet
Accuracy Plus or Minus 1/2%
Method: Fixed transmitter Shoot back In line Parallel line
Frequency 1777 and 3555 Hz
Parameters measured In-phase and Quadrature (out-of-phase) component of the secondary field.
(specify V.L.F. station)

GRAVITY

Instrument _____
Scale constant _____
Corrections made _____
Base station value and location _____
Elevation accuracy _____

INDUCED POLARIZATION RESISTIVITY

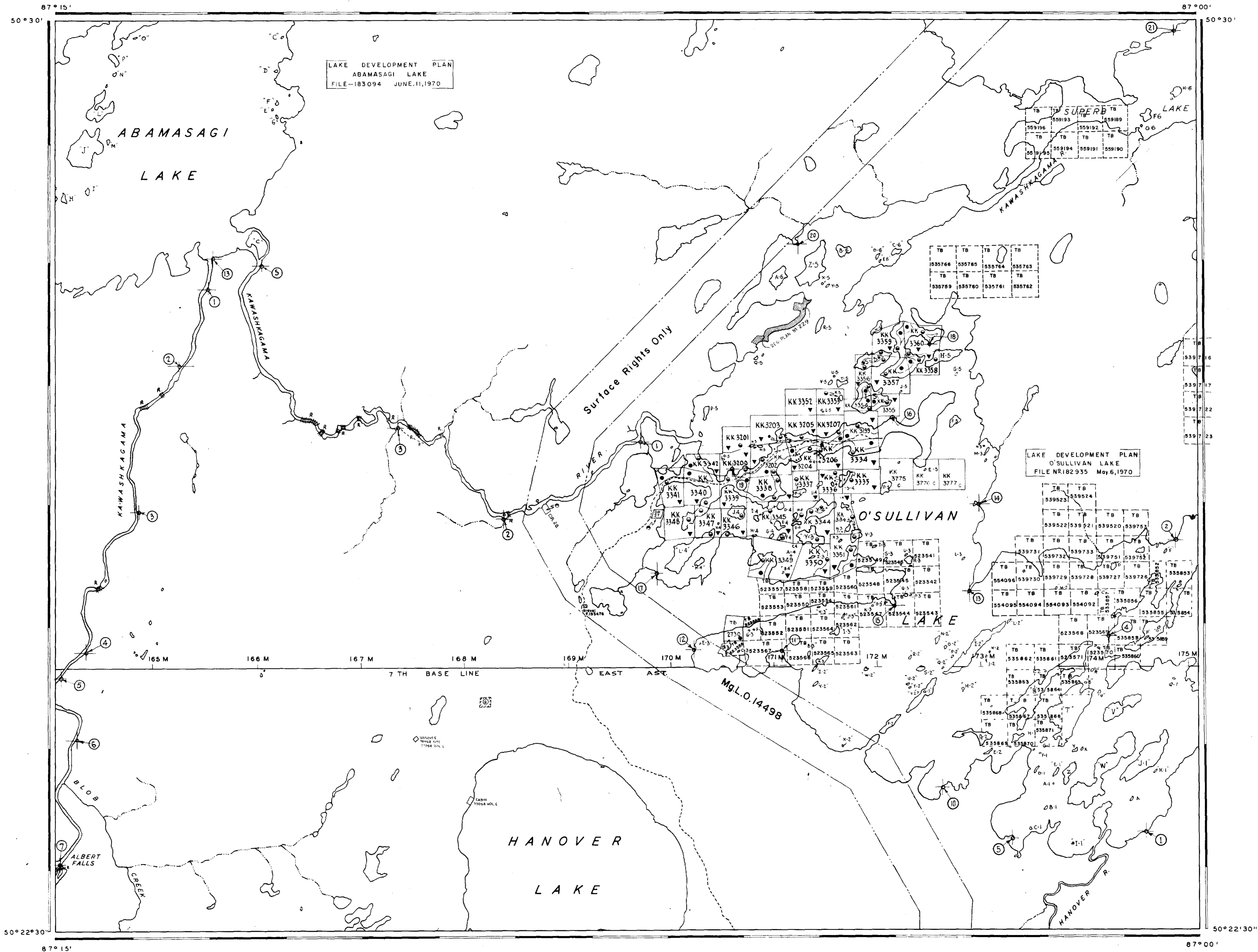
Instrument _____
Method Time Domain Frequency Domain
Parameters – On time _____ Frequency _____
– Off time _____ Range _____
– Delay time _____
– Integration time _____
Power _____
Electrode array _____
Electrode spacing _____
Type of electrode _____

REFERENCES

CONTROL SURVEYS

Traverse of Abamasagi & O'Sullivan Lakes
by C.R. Kenny O.L.S. 1924 & 1925
Field Note Books Nos 2018 & 2019
7th Base Line by Beatty & Beatty O.L.S.
1928.
Field Note Book No 2298.

DATE OF ISSUE
24 1980
SURVEYS AND MAPPING
BRANCH



REFERENCES

TOPOGRAPHY

Lakes, Rivers, etc. From Forest Resources
Inventory Sheet No 504871

2.3383

SAND AND GRAVEL

QUARRY PERMIT

LEGEND

- Paved Road
- Gravel Road
- Other Roads
- Trail or Path
- Highway Route Number
- Electric Power Line
- Telephone Line
- Railroad & Right of Way
- Bridge, Buildings
- Non-Perennial Stream
- Rapids, Portage
- Muskeg or Marsh
- Flooded Land
- Traverse Post

DISPOSITION OF CROWN LANDS

| TYPE OF DOCUMENT | SYMBOL |
|---------------------------------|--------|
| PATENT, SURFACE & MINING RIGHTS | ● |
| " SURFACE RIGHTS ONLY | ○ |
| " MINING RIGHTS ONLY | ◐ |
| LEASE, SURFACE & MINING RIGHTS | ◑ |
| " SURFACE RIGHTS ONLY | ◒ |
| " MINING RIGHTS ONLY | ◓ |
| LICENCE-OF-OCCUPATION | ◔ |
| ORDER-IN-COUNCIL | ◕ |
| RESERVATION | ◖ |
| CANCELLED | ◗ |

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1915, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

Ministry of Natural Resources
Ontario Surveys and Mapping Branch

AREA Thunder Bay Mining Division
O'SULLIVAN LAKE
DISTRICT OF THUNDER BAY.

DR. E.J.D. CH. J.L.S. APP. JUNE 15, 1980.

SCALE: 1 INCH = 40 CHS
TORONTO CANADA

M-1415

REFERENCES

SURVEYS

7TH. BASE LINE SURVEYED BY BEATTY AND BEATTY O.L.S. 1928. FIELD NOTE BOOK NO. 2298.

TRAVERSE OF O'SULLIVAN & SUPERB LAKES BY C.R. KENNY O.L.S. 1924. PLAN NO. R28-22. FIELD NOTE BOOK NO. 2018.

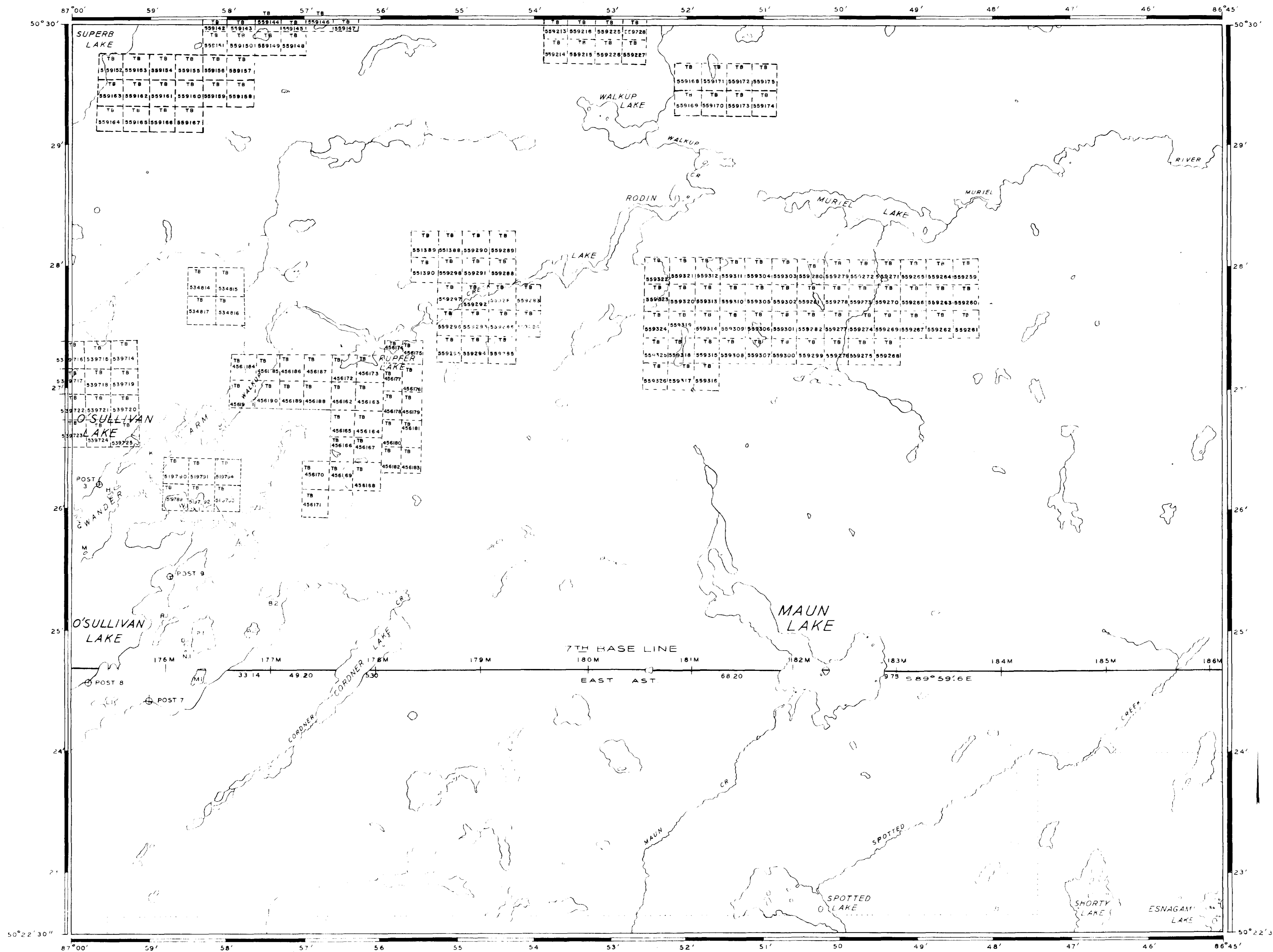
TRAVERSE OF ESNAGAMI LAKE & ISLANDS BY C.R. KENNY O.L.S. 1924. PLAN NO. R30-15. FIELD NOTE BOOK NO.

400' surface rights reservation along the shores of all lakes and rivers.

ESNAGAMI LAKE PARK RESERVE - FILE 60704

DATE OF ISSUE
JUL 24 1980
SURVEYS AND MAPPING
MUNICIPALITY

LAKE DEVELOPMENT PLAN
O'SULLIVAN LAKE
FILE NO. B2935 May 6, 973



REFERENCES

TOPOGRAPHY
LAKES, RIVERS, ETC. FROM FOREST
RESOURCES INVENTORY SHEET NO. 504864.

2.3383

LEGEND

- PAVED ROAD
- GRAVEL ROAD
- OTHER ROADS
- TRAIL OR PATH
- HIGHWAY ROUTE N.
- ELECTRIC POWER LINE
- TELEPHONE LINE
- RAILROAD & RIGHT OF WAY
- RAPIDS, PORTAGE
- NON-PERENNIAL STREAM
- EDGE OF CLEARING
- TREELESS M. LK. OR MARSH
- BRIDGE, BUILDINGS
- TRAVERSE POST

DISPOSITION OF CROWN LANDS

- PATENT, SURFACE AND MINING RIGHTS
- " SURFACE RIGHTS ONLY
- " MINING RIGHTS ONLY
- LEASE, SURFACE AND MINING RIGHTS
- " SURFACE RIGHTS ONLY
- " MINING RIGHTS ONLY
- LICENCE OF OCCUPATION

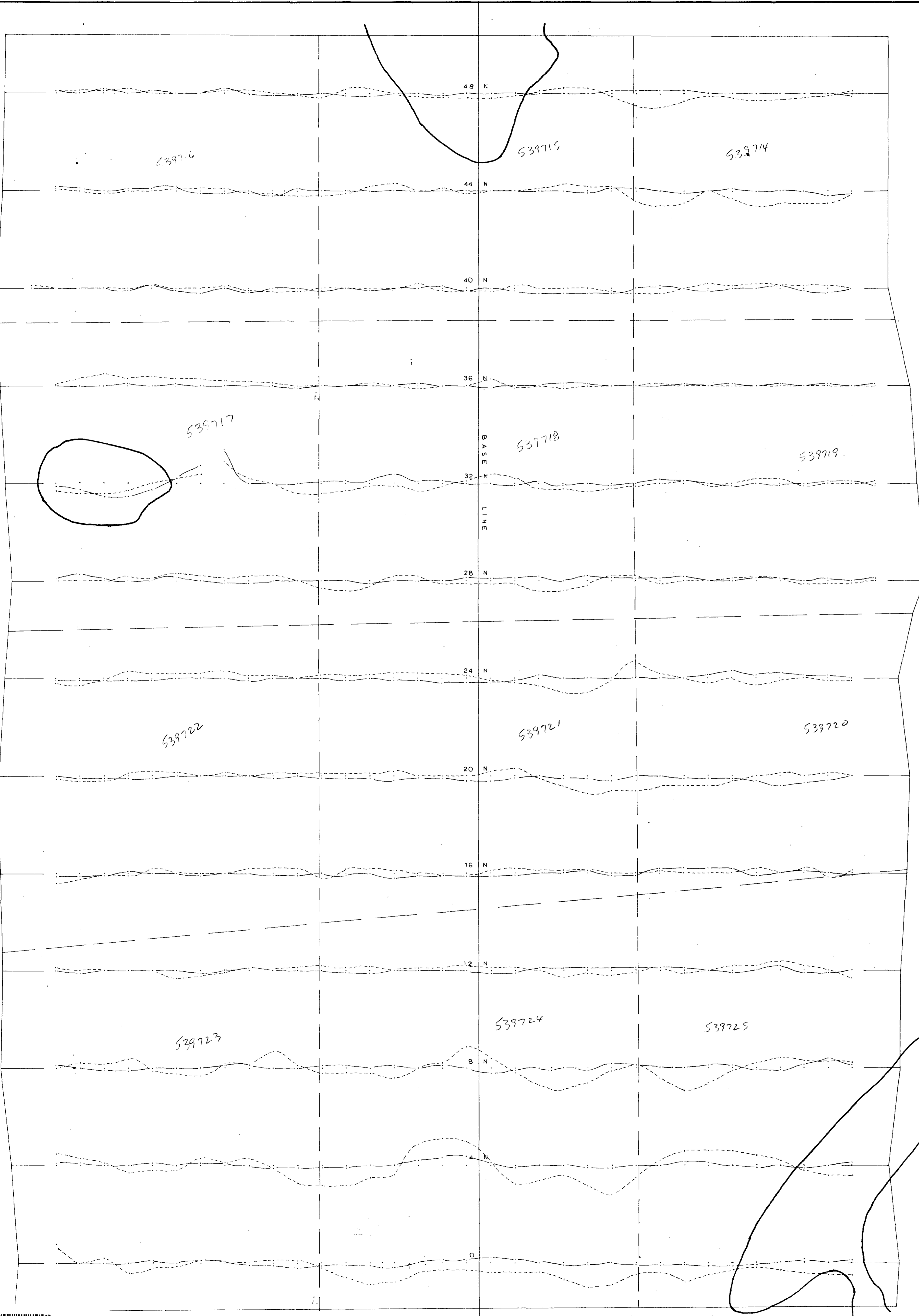
ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

AREA
MAUN LAKE
MINING DIVISION
THUNDER BAY
DISTRICT OF
THUNDER BAY

DATE: J.E.M. / H.G.H.C. / A.P.E. / J.D. / DEC 1951
SCALE: 1 INCH = 40 CH / DWG. NO.
TORONTO, CANADA **M-1416**

ESNAGAMI LAKE PARK RESERVE

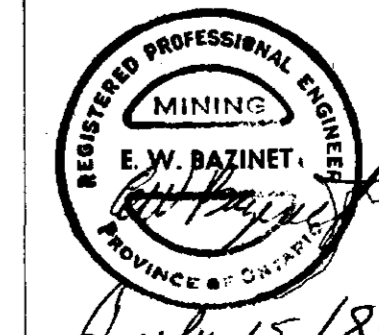




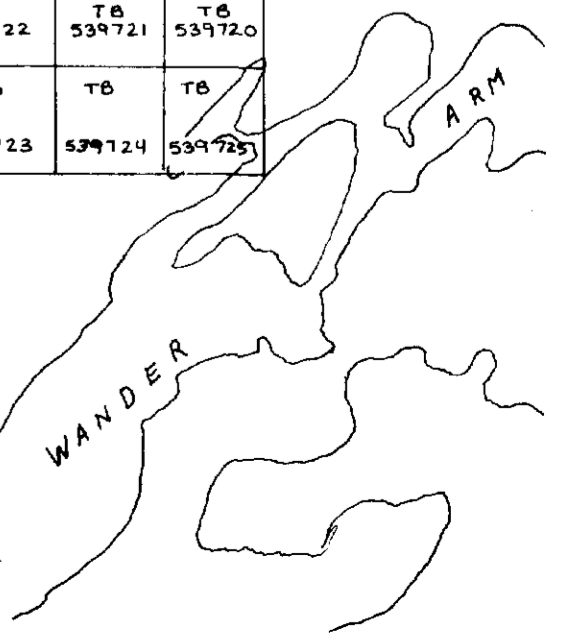
SULLIVAN LAKE
 THUNDER BAY MINING DIVISION
 ONTARIO
 HORIZONTAL LOOP
 ELECTROMAGNETIC SURVEY
 SCALE 1" = 200'
 LEGEND

- MEASUREMENT STATIONS
- IN PHASE (1 in = 20%) } +ve plotted North
- OUT OF PHASE (1 in = 20%) }
- COIL SEPARATION: 328 ft
- FREQUENCY: 3555 HZ
- CONDUCTORS
- INSTRUMENT: MAX MIN II

| | | |
|--------|--------|--------|
| TB | TB | TB |
| 539716 | 539715 | 539714 |
| TB | TB | TB |
| 539717 | 539718 | 539719 |
| TB | TB | TB |
| 539722 | 539721 | 539720 |
| TB | TB | TB |
| 539723 | 539724 | 539725 |

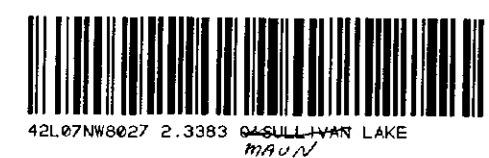
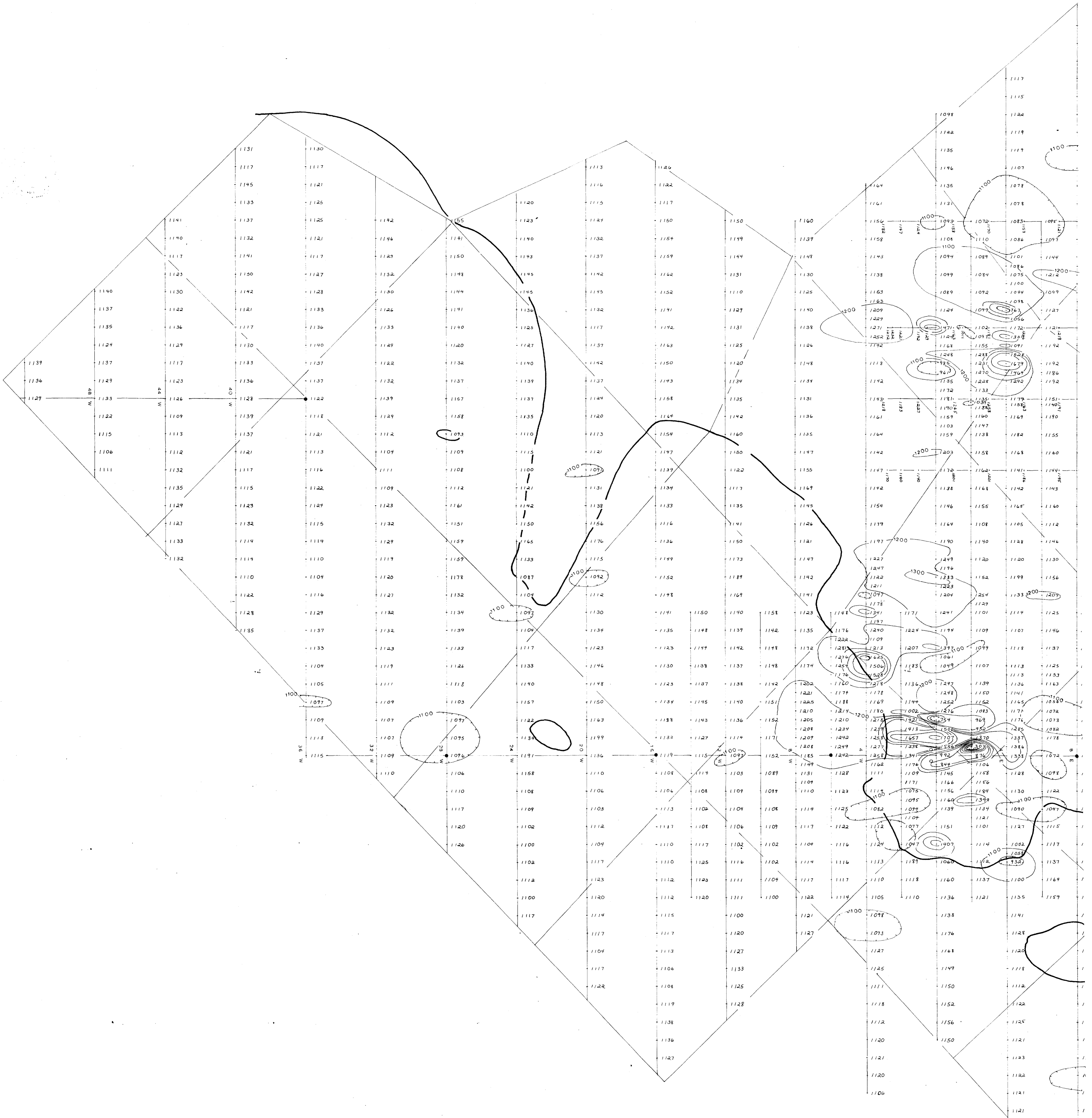


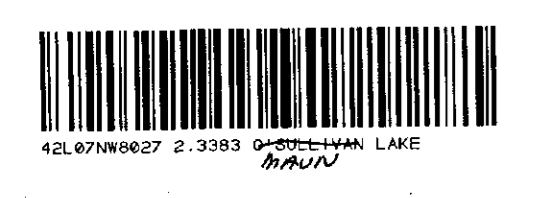
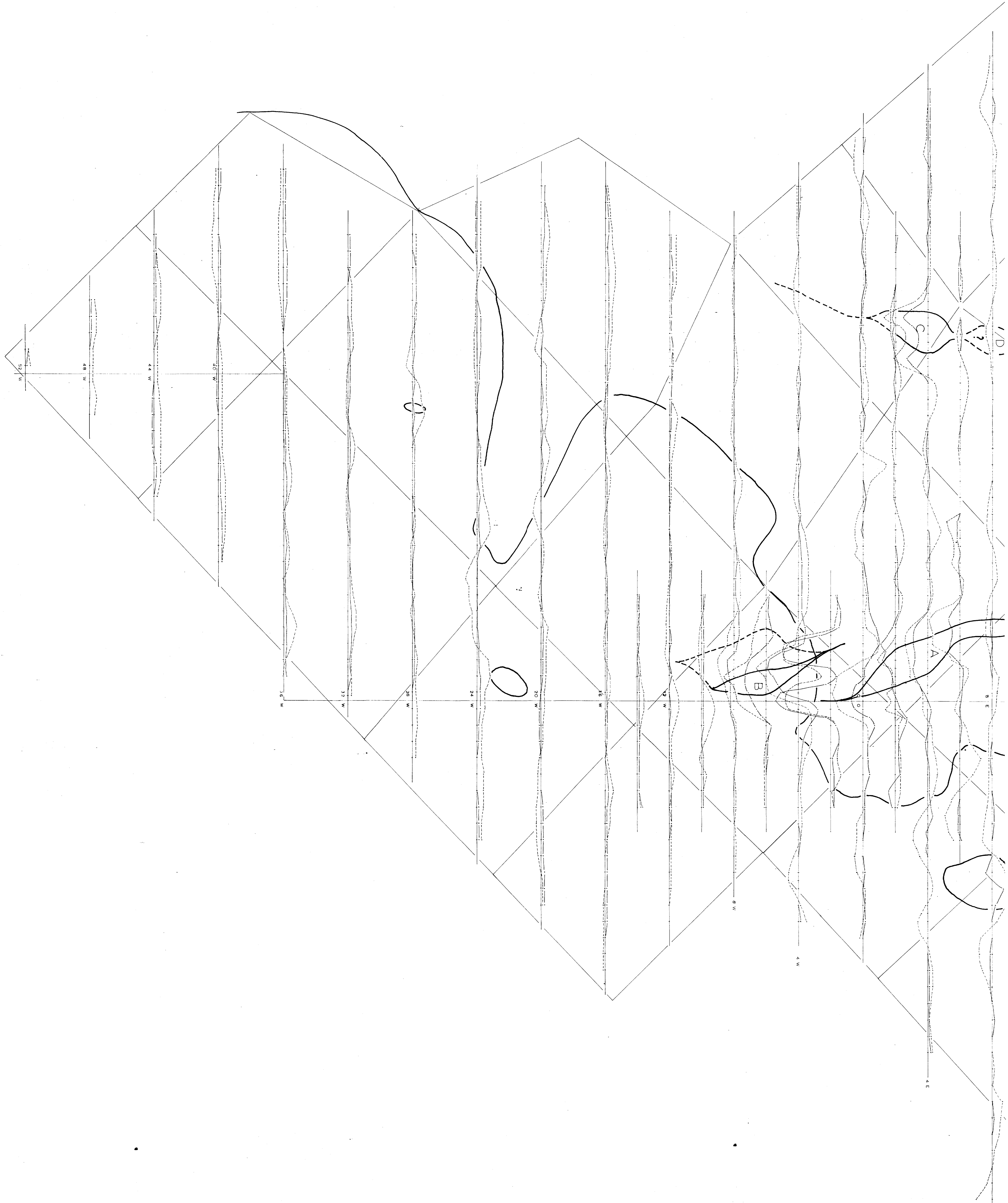
July 15/80



1 inch = 1320 feet







A 25

A BP

A DP

A DP

30 W

33 W

28 W

24 W

20 W

16 W

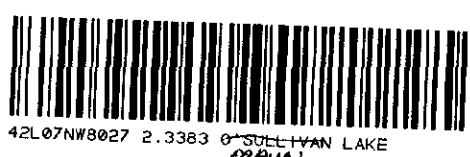
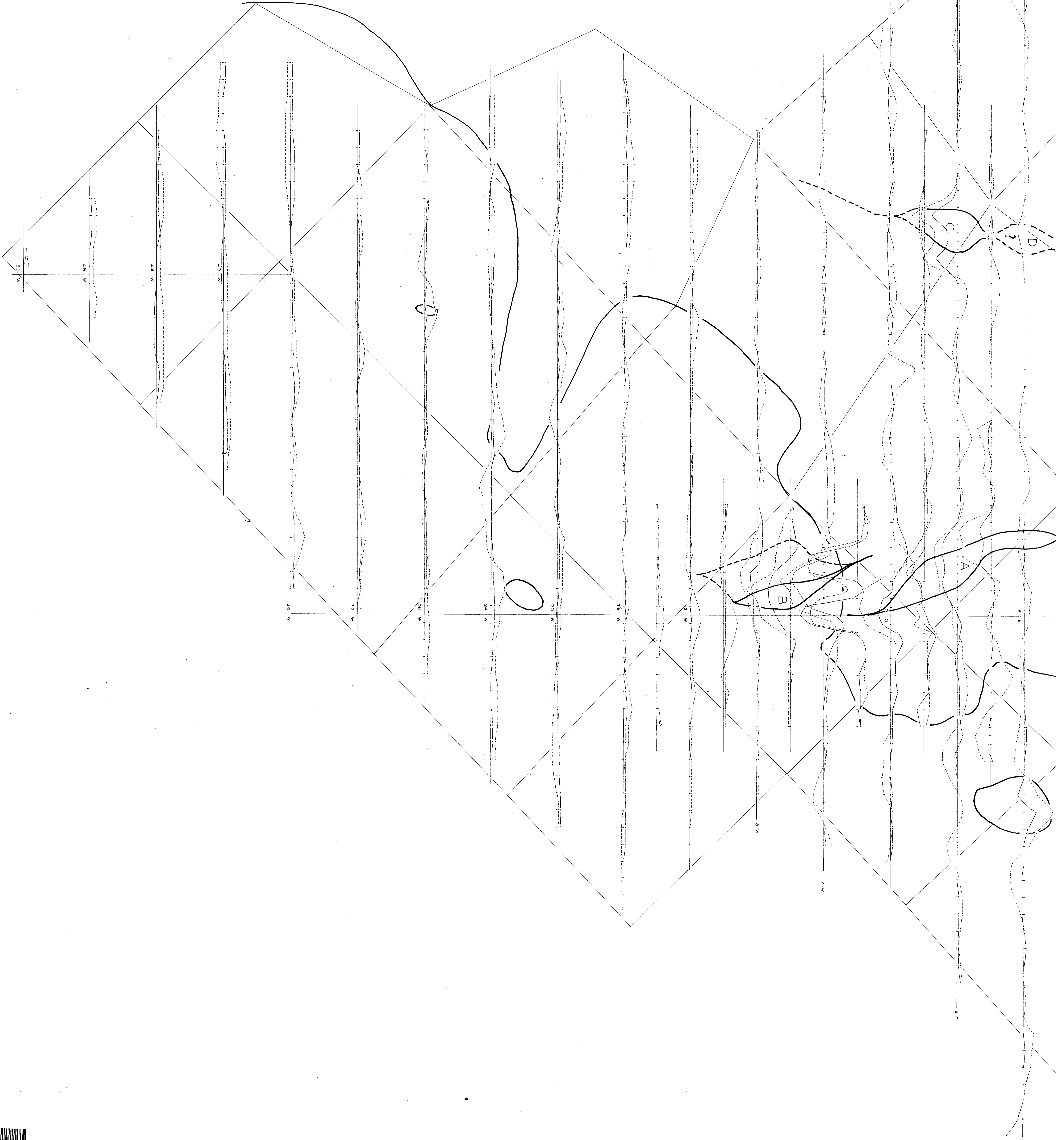
12 W

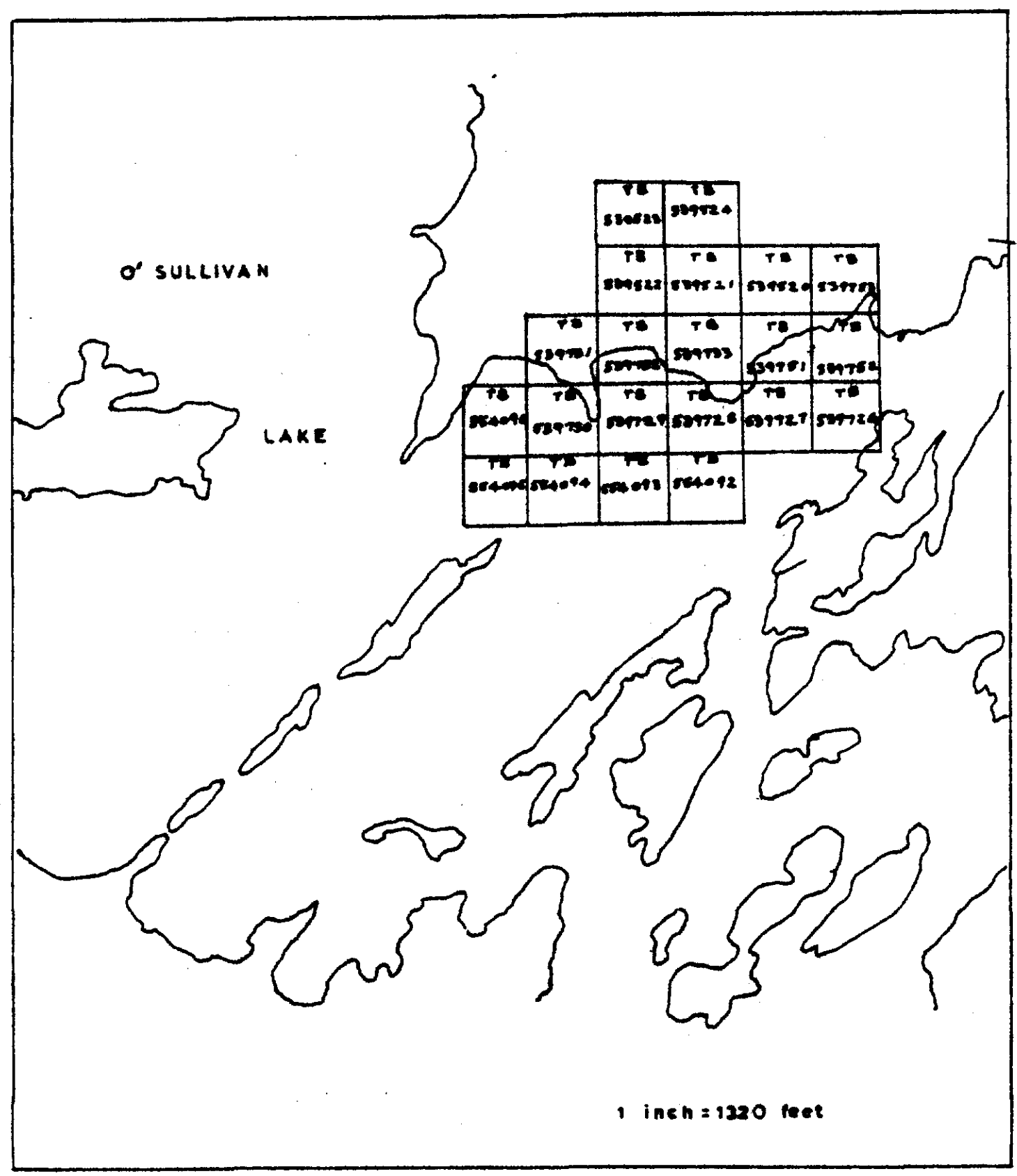
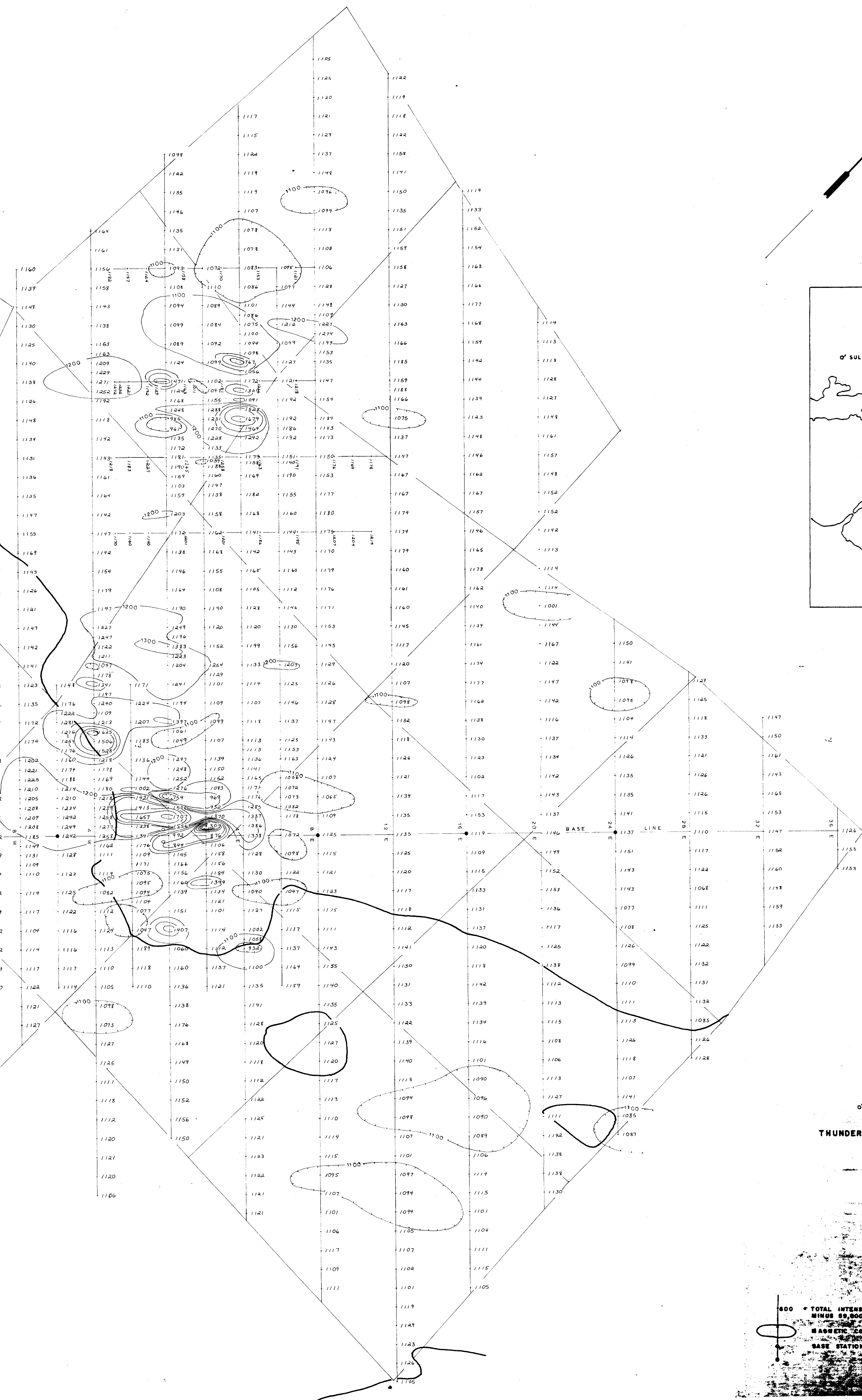
8 W

4 W

4 E

8 E



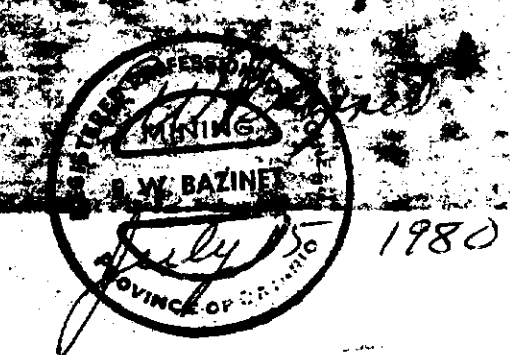


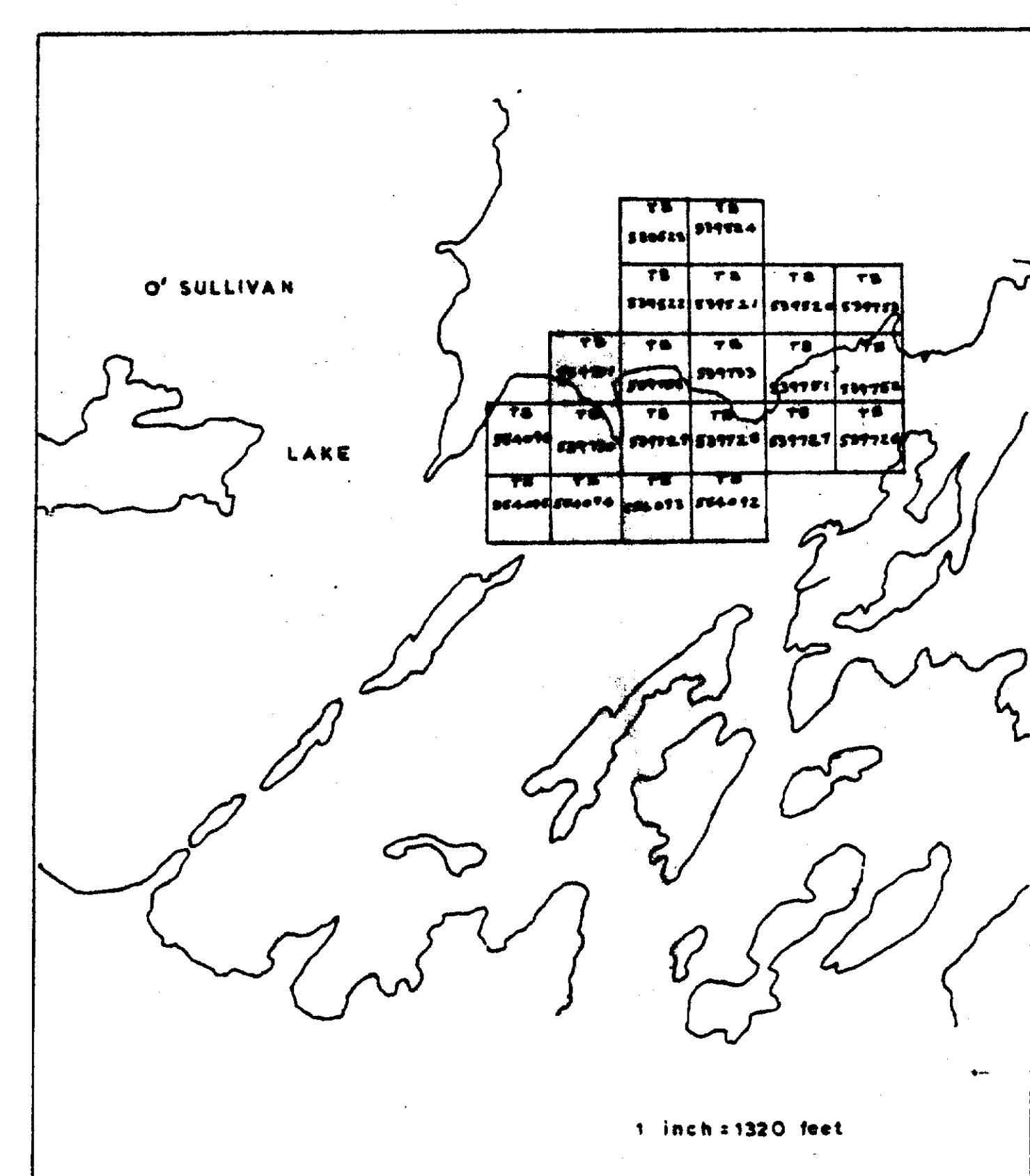
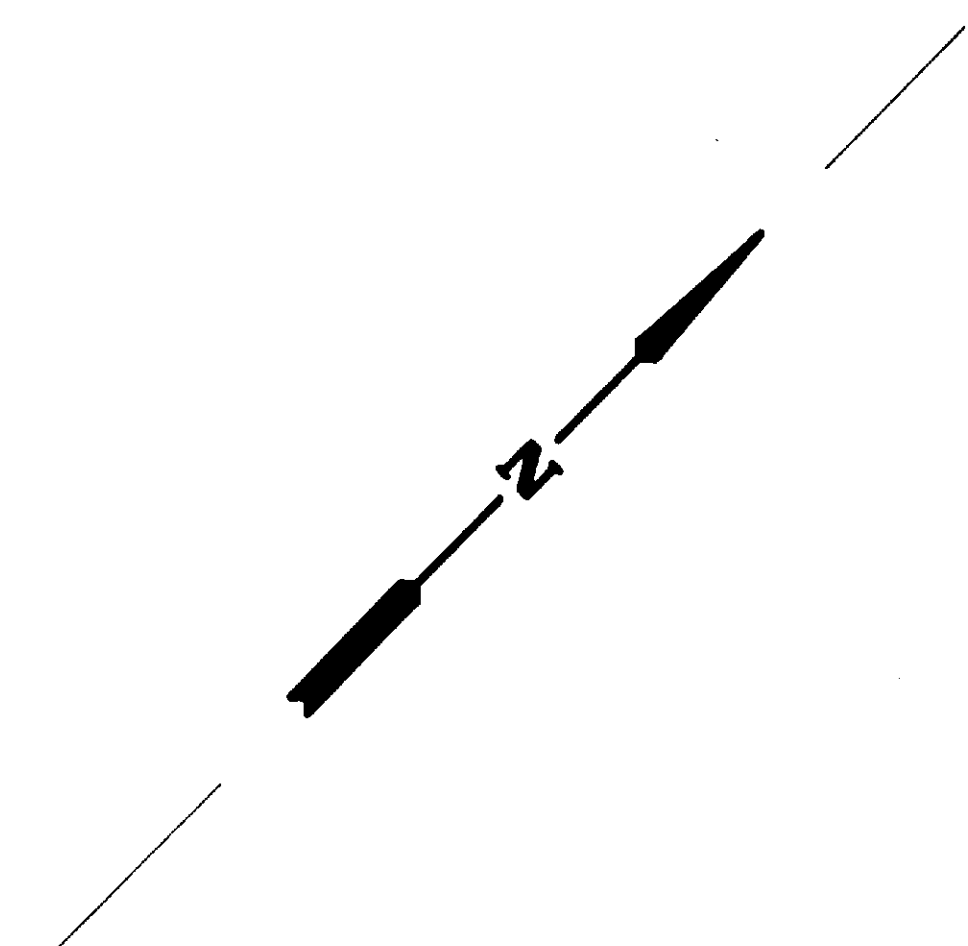
O'SULLIVAN LAKE
 THUNDER BAY MINING DIVISION
 ONTARIO
 GROUP A

MAGNETOMETER
 SURVEY
 SCALE 1 in = 200 ft

LEGEND

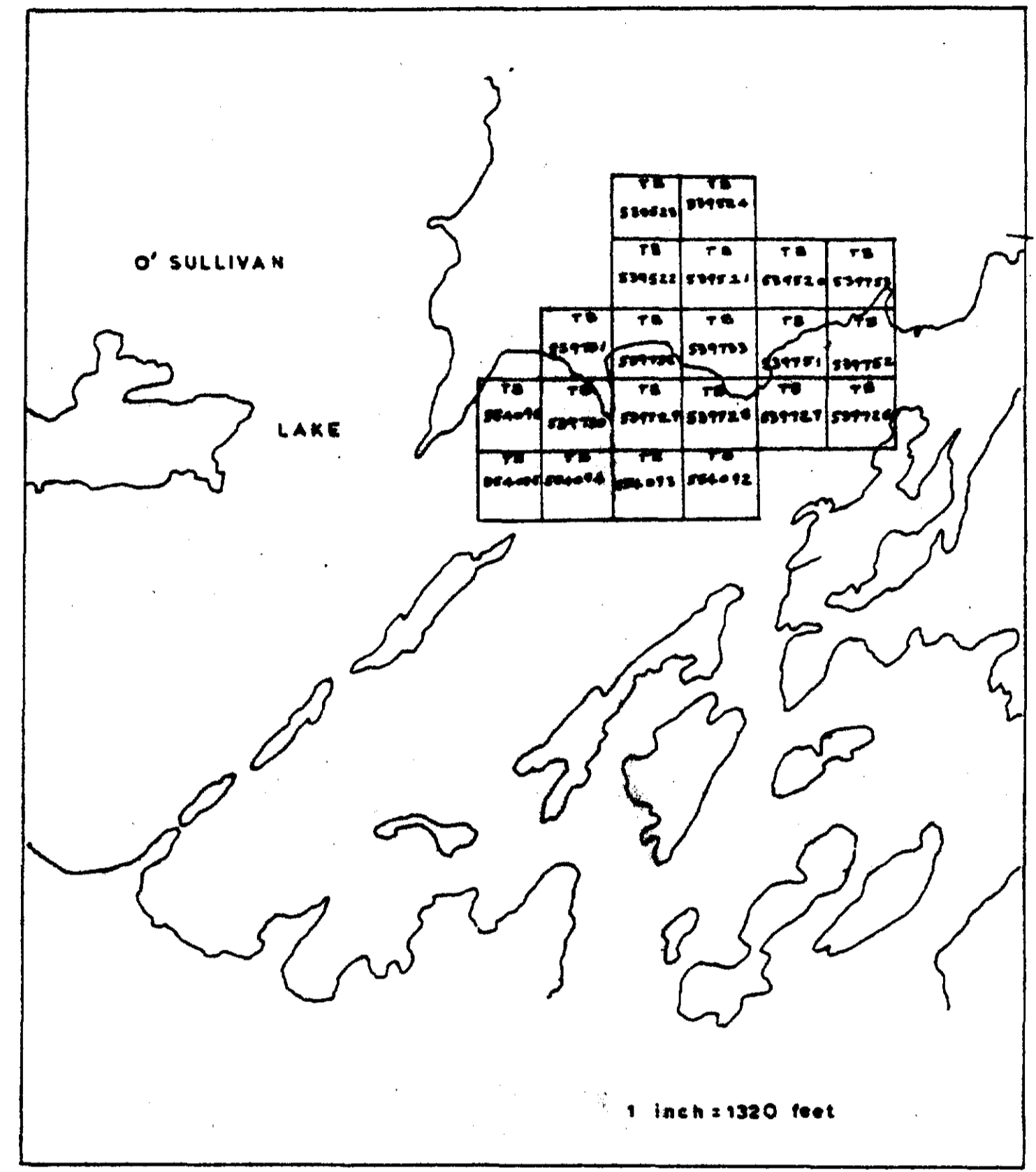
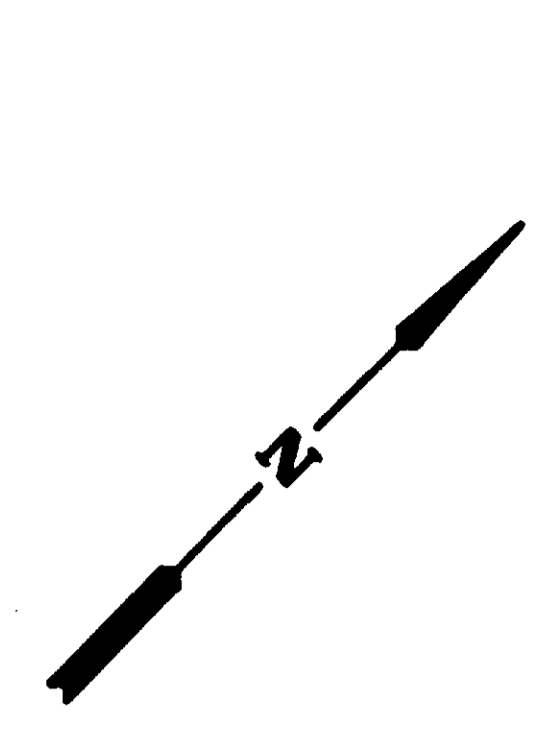
800 = TOTAL INTENSITY OF THE EARTH MAGNETIC FIELD
 MINUS 29,500 GABMAS
 MAGNETIC DISTORTION INTERVAL 100 GABMAS
 BASE STATION





O' SULLIVAN LAKE
 THUNDER BAY MINING DIVISION
 ONTARIO
 GROUP A
 HORIZONTAL LOOP
 ELECTROMAGNETIC SURVEY
 SCALE 1"=200'
 LEGEND
 MEASUREMENT STATIONS
 IN PHASE (1 in = 20%) } +ve plotted NE
 OUT OF PHASE (1 in = 20%) }
 COIL SEPARATION : 320 ft
 FREQUENCY : 120 Hz
 CONDUCTORS
 INSTRUMENT : MAX MIN II





O'SULLIVAN LAKE
 THUNDER BAY MINING DIVISION
 ONTARIO
 GROUP A
 HORIZONTAL LOOP
 ELECTROMAGNETIC SURVEY
 SCALE 1" = 200'
 LEGEND

MEASUREMENT STATIONS
 IN PHASE (1 in = 20%) } +ve plotted NE
 OUT OF PHASE (1 in = 20%)
 COIL SEPARATION: 328 ft
 FREQUENCY: 300 Hz
 CONDUCTORS
 INSTRUMENT: MAX MIN II



July 15/80