



41106SW0018 0015 DIEPPE

010

Uranex Resources Limited
Cobalt & Platinum Prospect
Truman and Dieppe Townships
Sudbury Mining Division
Ontario

September 1, 1986.

H. Grant Harper, P.Eng.
Economic Geologist.

Volume Label: Uranex:Eng
Disk No.: 7-4
Filename: titlog

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Introduction

This report covers VLF, Magnetic, and Radiometric surveys carried out on two groups of 6 claims each located in Truman and Dieppe Townships, Sudbury Mining Division, Ontario, for Uranex Resources Limited. The field work was done by E.M. Hall, geophysical contractor of Toronto and the results were interpreted by the writer. The attractive features of the claims are the reported cobalt values of potentially economic grade which were not pursued by earlier operators. In addition, significant copper and nickel values have been established on the claims but no assays for platinoid metals were ever done.

Property and Location

The properties consist of two groups of 6 claims each:

S810197 to S810202 inclusive which straddles the Truman-Dieppe Township boundary, and,

S810203 to S810208 inclusive which lie entirely in Dieppe Township.

All 12 claims are within the Sudbury Mining Division, Ontario. The claims are located in the northwest quarter of Dieppe Township and the northeast quarter of Truman Township.

For convenience, the WEST group of claims is called the Truman-Dieppe Group while the EAST group is called the Dieppe Group.

Access and Facilities

Access from Whitefish, a village on Highway 17 west of Sudbury is via Highway 549 which leads southward from Whitefish to the north shores of Little Panache Lake and Panache Lake. Access to the claim groups is by walking from the road along the north shore of Lake Panache or alternatively to the Dieppe Township group by walking from the road along the north shore of Little Panache Lake.

The only facility of note on the claims is the picket line grid system which was cut by chain saws in August of 1986.

History and Development

The two properties have been explored both jointly and separately in the past. Exploration began in 1957 and continued intermittently until 1976.

Dieppe Township Group

This group was staked to cover a gold-copper showing and a number of IF anomalies which had been explored by Chellew Mines Ltd. and Mattagami Lake Mines Ltd. Diamond drilling by Chellew Mines Ltd returned substantial core lengths grading 0.50 to 3.22% copper and low gold values. It is uncertain whether or not the location drilled by Chellew is located on the present group or just to the east of it. Most of the values occurred in quartz

pebble conglomerate. The original showing and other IP anomalies were drilled by Mattagam Lake Mines Ltd. and the latter also returned low copper and gold values. Several IP anomalies remain untested.

Truman-Dieppe Group

This group was explored by Hoyle Mining Company Ltd. circa 1956 by magnetic surveying, mapping, geochemical testing, and pack sack diamond drilling. The drilling indicated a narrow zone of massive sulphides some 260 feet long containing very low copper values, nickel values of the order of 0.50%, minor gold values, and erratic but potentially economic cobalt values where tested. No assaying was done for the platinum group metals. A geochemical anomaly is reported some 125 feet north of the pits and trends parallel to the main zone.

Geophysical Surveys

Electromagnetic Survey - West Group

Four VLF conductors were located - Anomalies A, B, C, and D.

Anomaly A - This anomaly correlates precisely with the known body of sulphide mineralization. The drilling suggests a zone of massive mineralization some 260 feet long but the indicated length of the anomaly is about 1200 feet. The massive sulphide mineralization appears to be increasing its length with depth. If northwest striking cross-faulting exists, it is possible that Anomaly C is the offset westward extension of Anomaly A. There is a fairly strong magnetic association with Anomaly A on Lines 0+00 and 4+00W. There is a possible magnetic association on L4+00E.

Anomaly B - This anomaly is an unknown quantity and requires confirmation by another geophysical method or by surface indications before it can be classified as a drill target. If the anomaly exists as indicated then it tends to refute the cross-fault idea.

Anomaly D - There is no ready explanation for this small anomaly.

Magnetic Survey - West Group

The magnetic variation is minimal. In the vicinity of the showing the magnetic variation is greatest due unquestionably to the pyrrhotite that is present. There is only a modest and irregular increase in magnetic intensity over the basic intrusive adjoining the showing on its north side. Other isolated readings of slightly above normal magnetic intensity are probably due to diabase dikes.

Radiometric Survey - West Group

All readings varied between 40 and 80 counts per second which clearly indicates a lack of above normal radioactivity.

Electromagnetic Survey - East Group

A number of VLF conductors were located, none of which seem to have any particular significance. No conductor was located near the old trenches nor the diamond drill core.

Magnetic Survey - East Group

The strongest and largest zone of magnetic intensity located on either group was located near the trenches on claim S810204. There is no anomaly near the core and the core is too far removed from the trenches to have originated from drill holes under the trenches. The shape of the

magnetic anomaly is not realistic in geologic terms. More detail readings are required for a more reliable interpretation.

Radiometric Survey - East Group

The radiometric readings varied from 40 to 80 counts per second clearly indicating there is no large area of above normal radioactivity.

Conclusions and Recommendations

A.- West Group

1. Anomaly A is a bonafide drill target having an indicated strike length of 1200 feet. If anomaly C is truly an offset of A, then the indicated strike length is about 2400 feet. A line interval of 100 feet plus more detail surveying would allow better utilization of drill footage.
2. Anomalies B, C, and D require supporting factors before they can be classified as drill targets.
3. The surveys offer no direct support for the earlier favourable geochemical results. A geochemical appraisal of anomalies B, C, and D should be considered.

A.- East Group

1. Other than the fairly large area of higher magnetic intensity on claims S810204, the surveys have located nothing of interest. Further surface examination of this claim and the lands to the north and east is recommended.

This report is respectfully submitted.

H. G. Harper

Harper Consulting Services Inc.

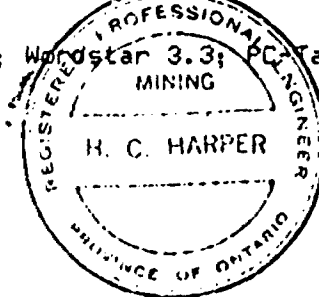
H.G. Harper, P.Eng.

President

September 1, 1986
Willowdale, Ontario.

This report available on 5 1/4" disk; PC-DOS; Wordstar 3.3; PC-Talk; QModem; 300 or 1200 baud; (416) 225-7412.

Volume Label: UranexEng
Disk No.: 7-4
Filename: VLFTrumn





41106SW001B 0015 DIEPPE

natural Resources

File _____

900 GEOLOGICAL - GEOCHEMICAL
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) VLF Mag Radiometric
Township or Area Truman & Dieppe Twp
Claim Holder(s) Uranex Resources Limited
Box 2038 Suite 404 20 Eglinton Ave W. Toronto
Survey Company E.M. Hall - contractor
Author of Report H.G. Harper P. Eng.
Address of Author 314 Horden Ave. Willowdale
Covering Dates of Survey 15/07/86 to 1/09/86
(linecutting to office)
Total Miles of Line Cut 11.4

MINING CLAIMS TRAVERSED
List numerically

S. 810 197
(prefix) (number)
810 198
810 199
810 200
810 201
810 202
810 203
810 204
810 205
810 206
810 207
810 208

If space insufficient, attach list

SPECIAL PROVISIONS
CREDITS REQUESTED

	DAYS per claim
Geophysical	
-Electromagnetic	<u>40</u>
-Magnetometer	<u>20</u>
-Radiometric	<u>20</u>
-Other	_____
Geological	_____
Geochemical	_____

ENTER 40 days (includes
line cutting) for first
survey.

ENTER 20 days for each
additional survey using
same grid.

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

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

DATE: Sept. 1, 1986 SIGNATURE: H.G. Harper
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

TOTAL CLAIMS 12

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations VLF 212 620 Number of Readings VLF 1200 Mag 600 Rst 600
 Station interval 50' + 100' Line spacing 400'
 Profile scale VLF 1" = 30%
 Contour interval Variable. roughly 200 X

MAGNETIC

Instrument Scintrex MF 1 Fluxgate.
 Accuracy - Scale constant 10 X max.
 Diurnal correction method Check back on base stations
 Base Station check-in interval (hours) 1/2 hour
 Base Station location and value 200 / 0100 - 440 gamma.

ELECTROMAGNETIC

Instrument Rmka EM 16
 Coil configuration Fixed horizontal & vertical
 Coil separation + / N/A
 Accuracy ± 1%
 Method: Fixed transmitter Shoot back In line Parallel line
 Frequency Cutter Maine. 17.86 kHz
(specify V.L.F. station)
 Parameters measured Vertical in phase + out of phase components.

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 _____

SELF POTENTIAL

Instrument _____ Range _____
Survey Method _____

Corrections made _____

RADIOMETRIC

Instrument McPhar TC 33A Scintillometer
Values measured total gamma. in counts per second.
Energy windows (levels) 0.1 Mev +
Height of instrument hip level Background Count 40-80 cps
Size of detector _____
Overburden outcrop - clay, sand, swamp - generally less than 30' deep
(type, depth - include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____
Instrument _____
Accuracy _____
Parameters measured _____

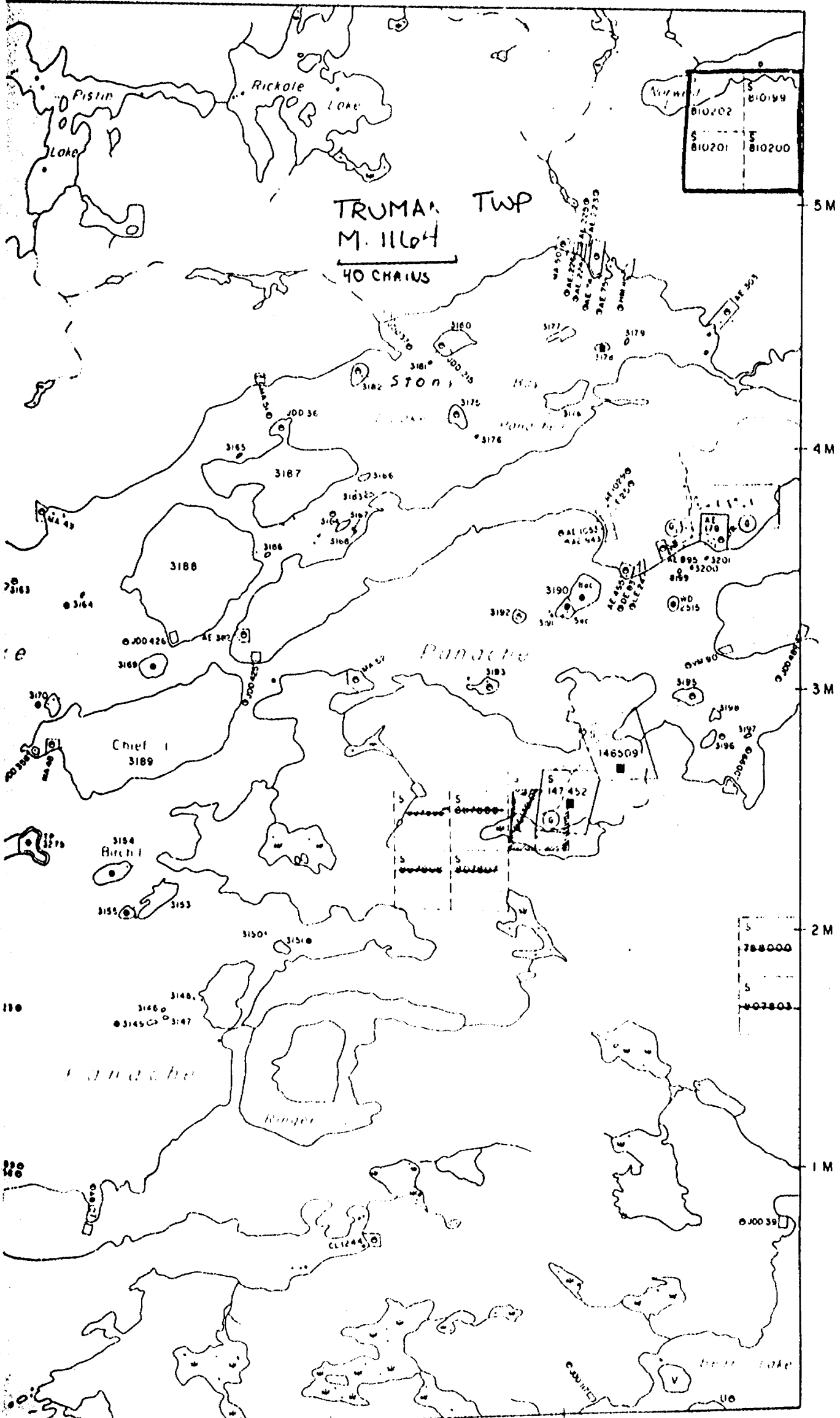
Additional information (for understanding results) _____

AIRBORNE SURVEYS

Type of survey(s) _____
Instrument(s) _____
(specify for each type of survey)
Accuracy _____
(specify for each type of survey)
Aircraft used _____
Sensor altitude _____
Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____
Miles flown over total area _____ Over claims only _____

INE TWP.



DIEPPE TWP.

Assessment Work Breakdown

Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey

Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
	X	7	=		+		=		+		=	

Type of Survey

Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
	X	7	=		+		=		+		=	

Type of Survey

Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
	X	7	=		+		=		+		=	

Type of Survey

Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
	X	7	=		+		=		+		=	

SUDBURY
 MINING DIV.
RECEIVED
 SEP - 5 1995
 A.M. 7 8 9 10 11 12 1 2 3 4 5 6
 P.M.

URANEX RESOURCES LIMITED

Box 2038,
20 Eglinton Avenue West,
Toronto, Ontario.
M4R 1K8

September 2, 1986.

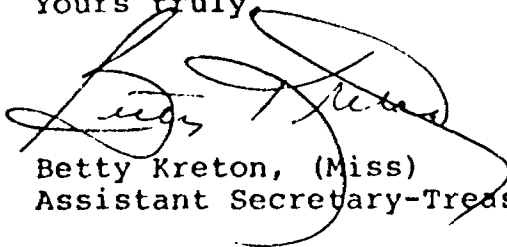


Mr. V.C. Miller,
Mining Recorder,
Sudbury Mining Division,
10th Floor,
199 Larch Street,
Sudbury, Ontario.
P3E 5P9

Dear Sir:

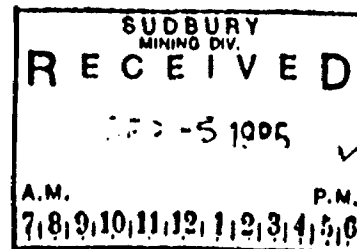
Please find attached "Report of Work" for Uranex Resources Limited. Two copies of a report and maps have been submitted to the Mining Lands Section, Room 6610 in the Whitney Block.

Yours truly,



Betty Kreton, (Miss)
Assistant Secretary-Treasurer.

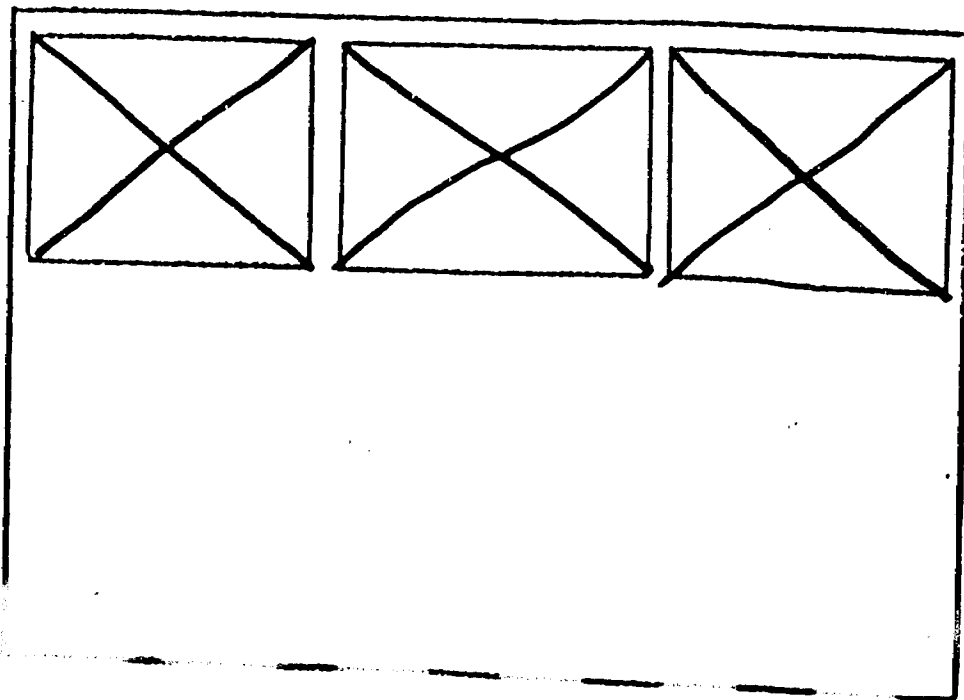
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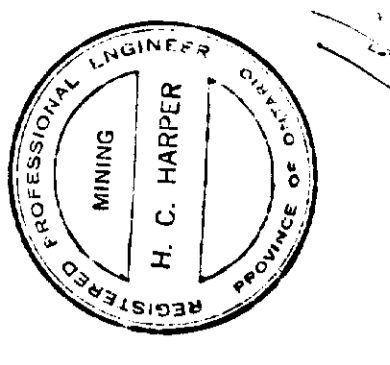


SEE ACCOMPANYING
MAP(S) IDENTIFIED AS

DIEPPE-0015 #1-3

LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)





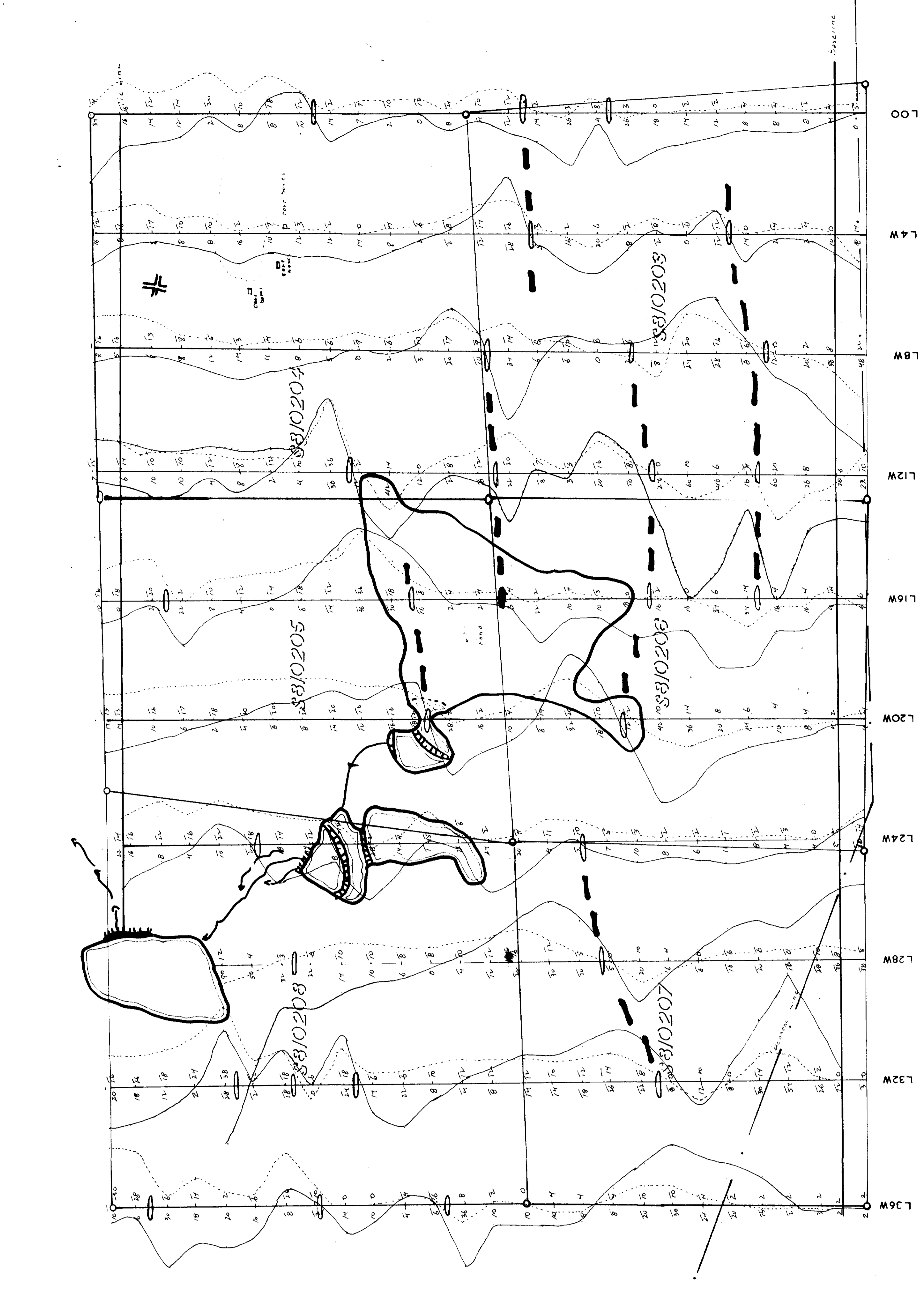
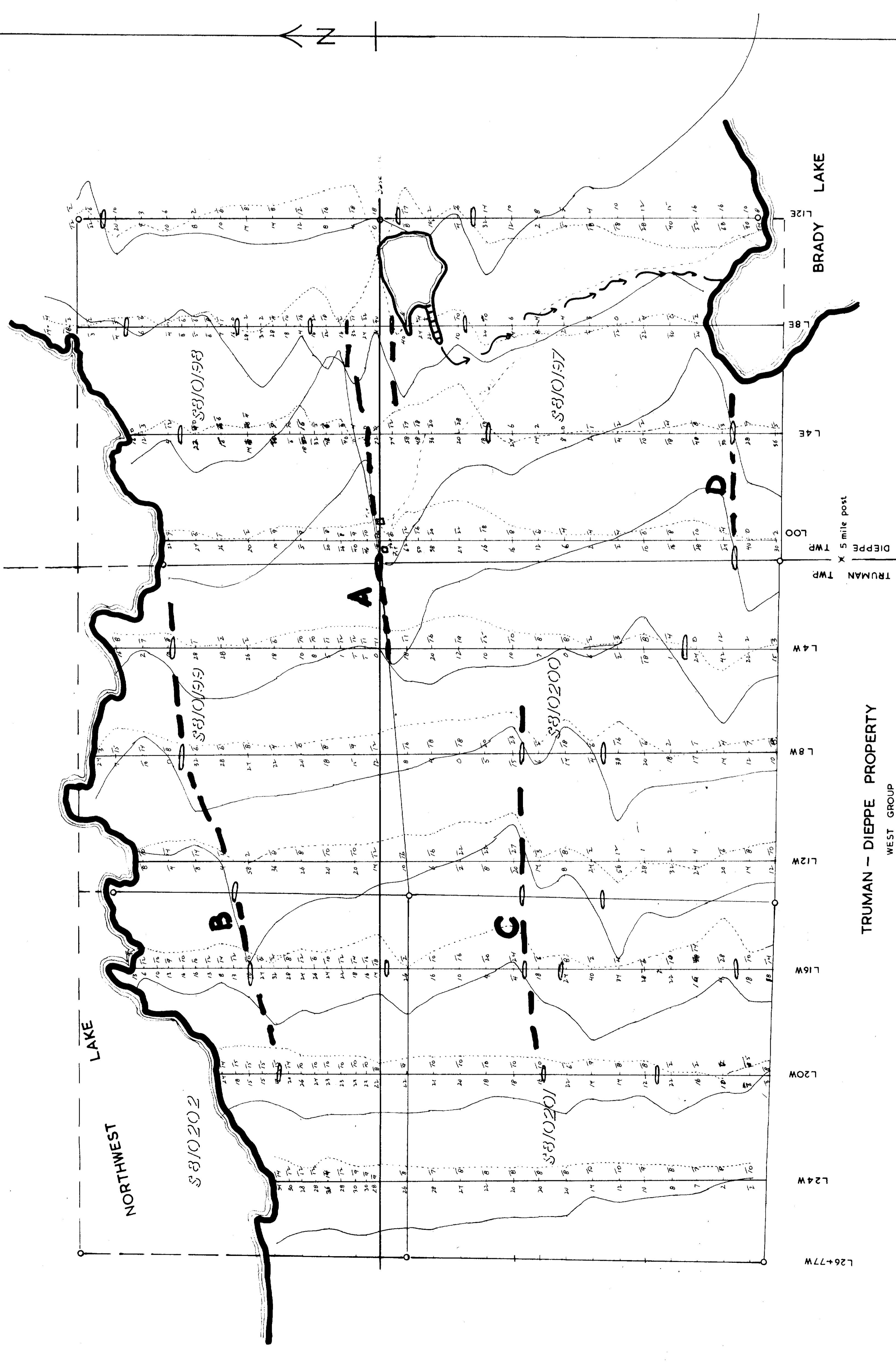
29380

VLF TYPE

Uranex Resources Limited Electromagnetic Survey

DIEPPE - 0015 #1

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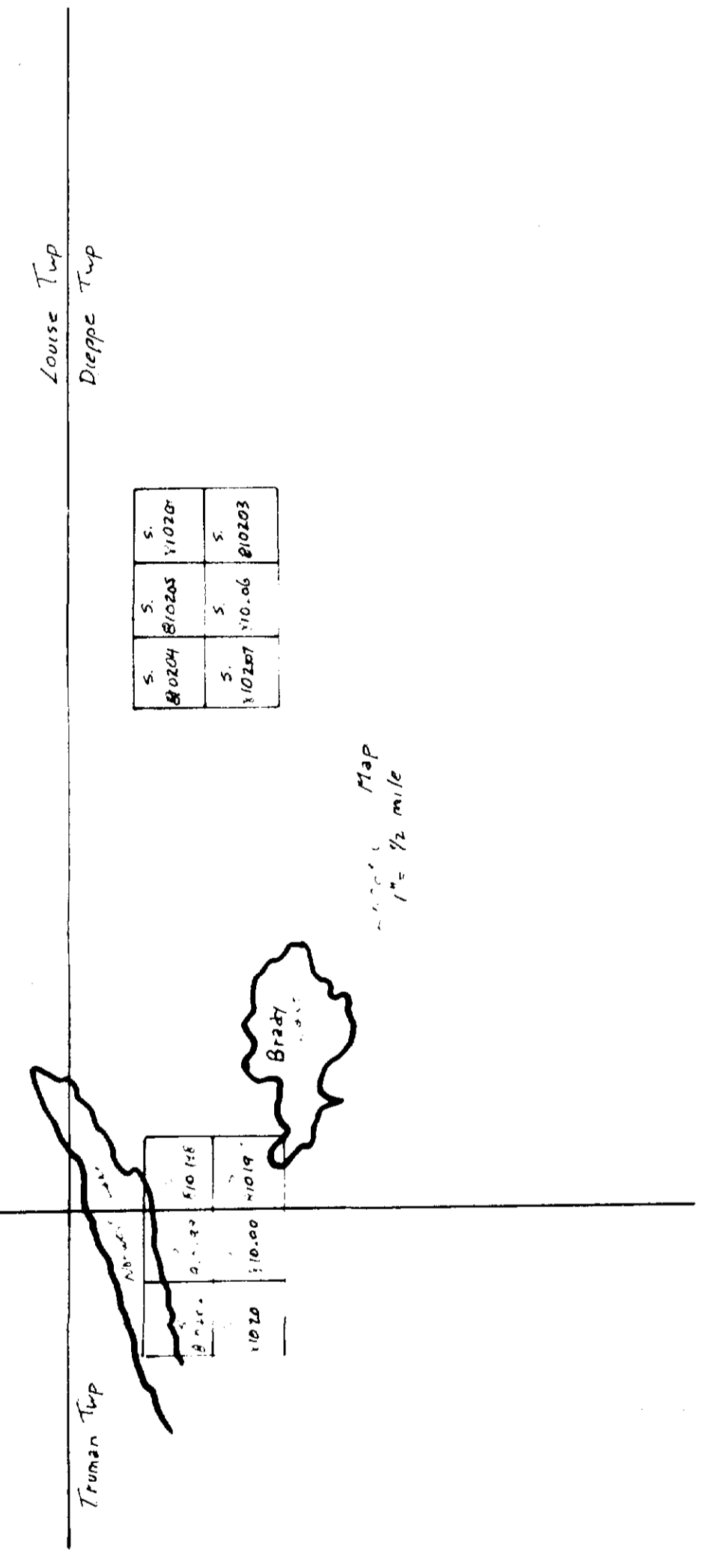


Ranks 84.4

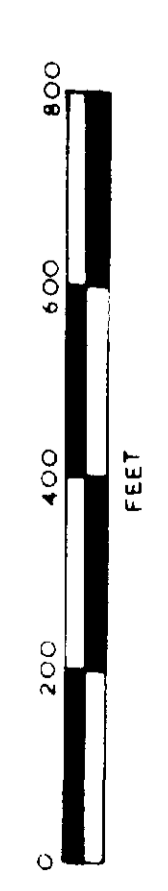
Impulse 20.7
 Quadrate 32.5
 solid line 33.5
 % off (total) 13.8
 % off (range) 14.4

Public Scale 1" = 800'

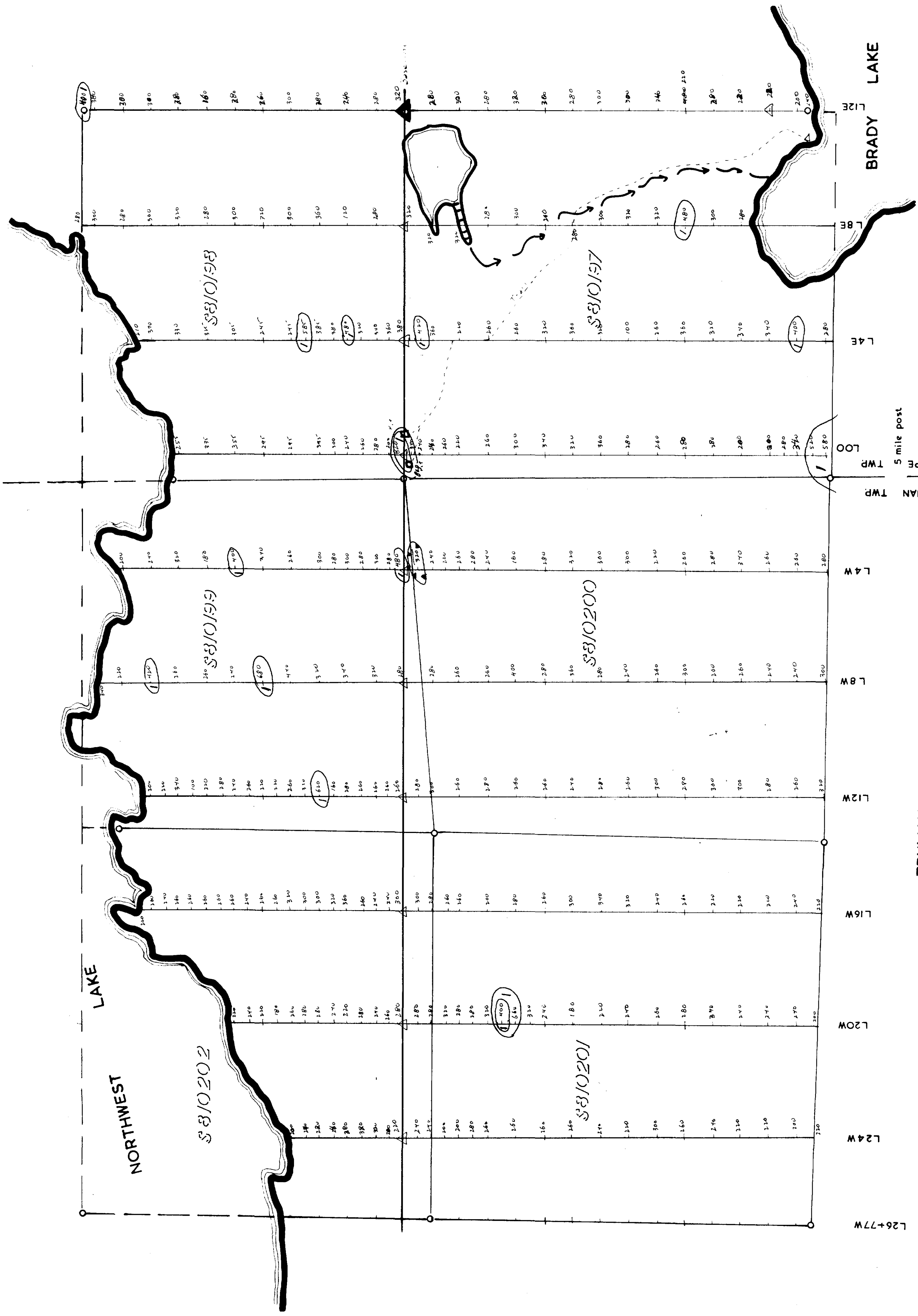
Transmitting Station: NAA Cuba, Maine
 all readings facing north.



Mean	33.5
Range	13.8
Std. Dev.	1.4
Max	47.3



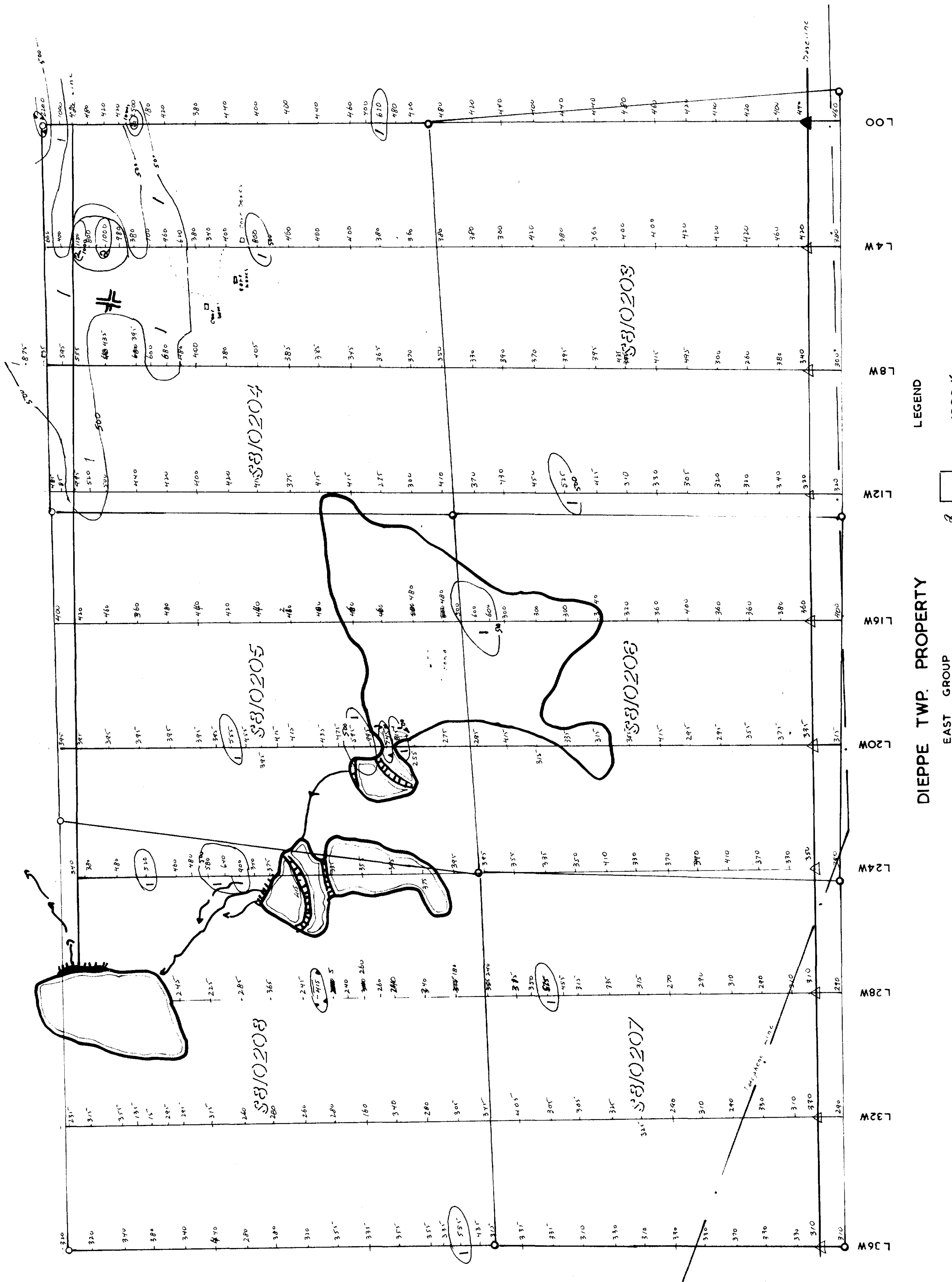
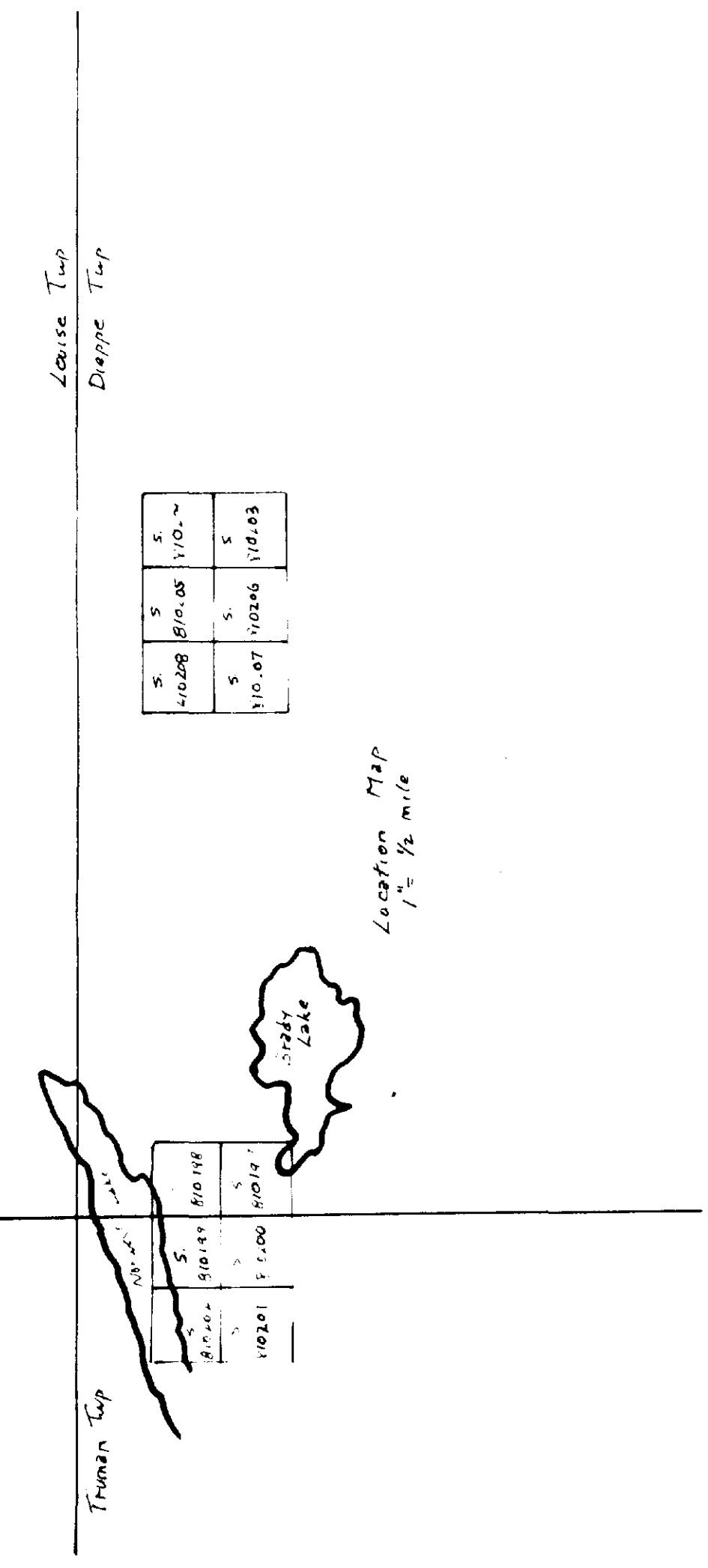
800



TRUMAN - DIEPPE PROPERTY
WEST GROUP

▲ Main Control Station
△ Control Station

LEGEND
 2 over 800 γ
 1 400 to 800 γ
 under 400 γ



DIEPPE TWP. PROPERTY
EAST GROUP

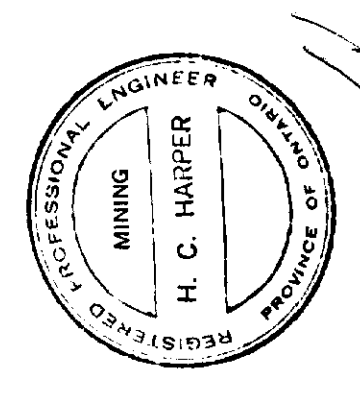
LEGEND
 2 over 1000 γ
 1 500 to 1000 γ
 under 500 γ

Uranex Resources Limited

Magnetic Survey

SCINTREX MF1 FLUXGATE MAGNETOMETER

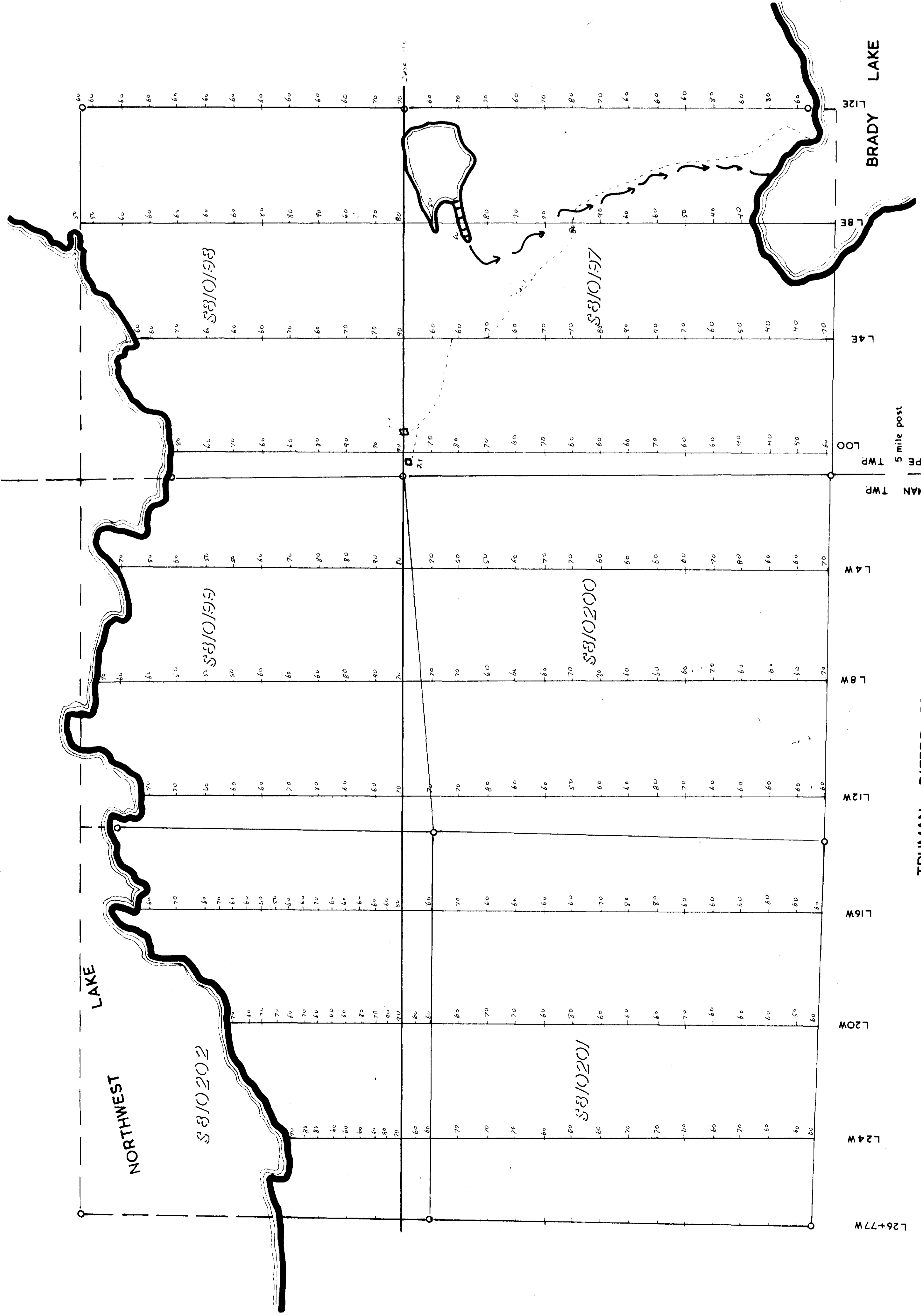
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DIEPPE-0015 #2

#2

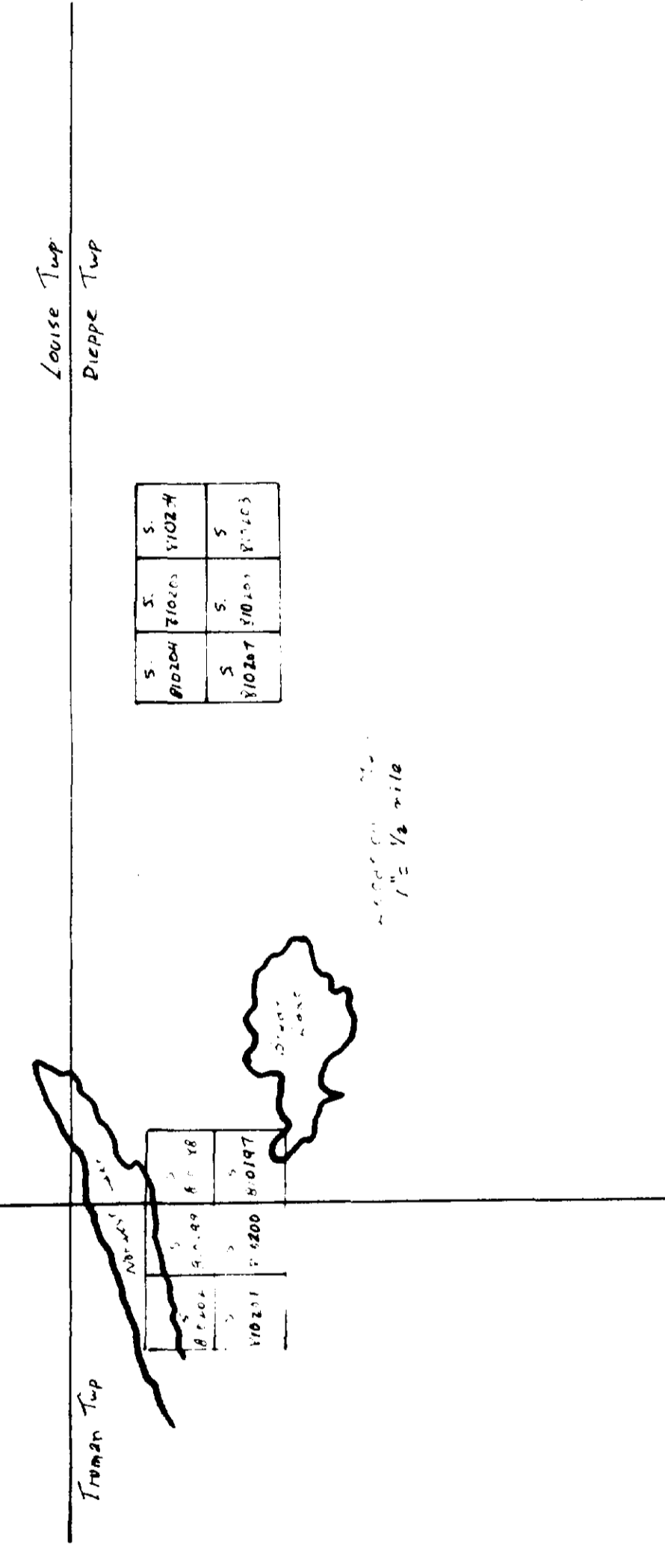




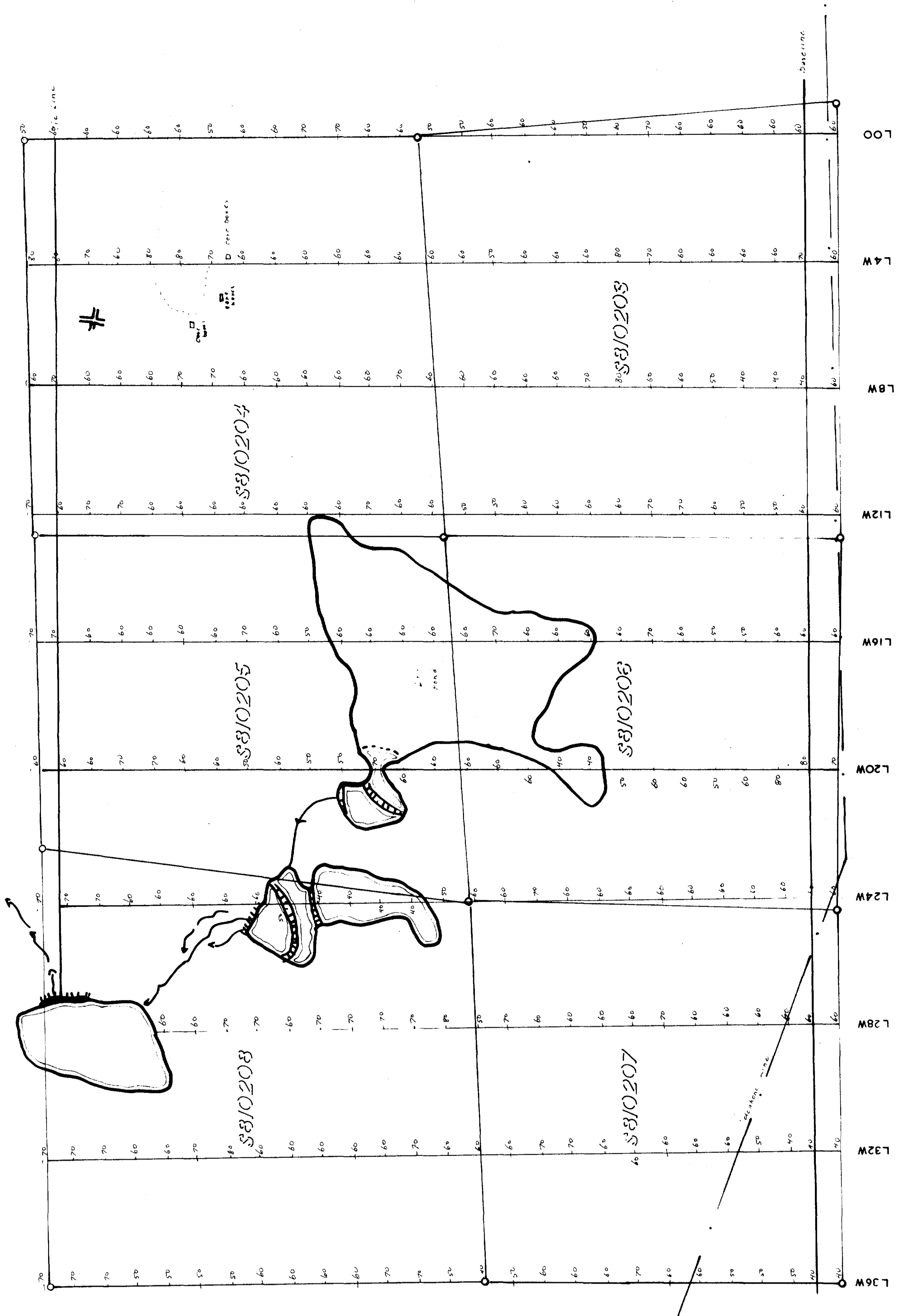
TRUMAN - DIEPPE PROPERTY
WEST GROUP

TRUMAN TWP
DIEPPE TWP

BRADY LAKE



LEGEND
THERE ARE NO ANOMALIES

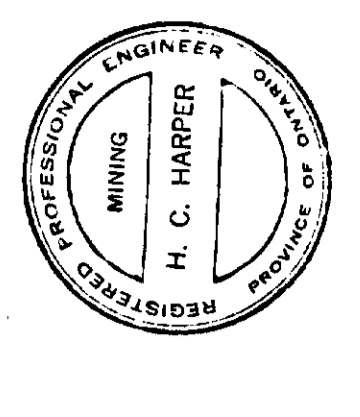


DIEPPE TWP. PROPERTY
EAST GROUP

McPhar TC33A Scintillometer
SENSITIVITY 0.1 mcp plus
readings in counts per second at hip level

LEGEND
THERE ARE NO ANOMALIES

Uranex Resources Limited
Radiometric Survey



SEP 1 1988
1170
0888

