



41P11NW0406 2.4178 CONNAUGHT

010

TEXASGULF CANADA LTD.

REPORT ON GEOPHYSICAL WORK

CONNAUGHT AND CHURCHILL TOWNSHIPS

N.T.S.: 41 P 11

CLAIMS: CHURCHILL 42: L - 576701 - 702
L - 577697 - 700
CHURCHILL 31: L - 576703 - 706
L - 619000 - 005

CONNAUGHT 16 EAST: L - 576715 - 718
CONNAUGHT 16 WEST: L - 576707 - 710
CONNAUGHT 26: L - 576711 - 714

RECEIVED

OCT - 5 1981

MINING LANDS SECTION

SEPTEMBER, 1981

W.A. GASTEIGER

TEXASGULF CANADA LTD.
REPORT ON GEOPHYSICAL WORK
CONNAUGHT AND CHURCHILL TOWNSHIPS
N.T.S.: 41 P 11

INTRODUCTION

Geophysical surveys consisting of proton precession magnetometer, horizontal loop electromagnetic and v.l.f. electromagnetic traverses were run over five groups of claims in Connaught and Churchill Townships. Three four claim groups are located in the south-east corner of Connaught Township. Churchill 42, a six claim group is situated immediately south of Okawakenda Lake and Churchill 31, a group of ten claims, is located approximately a half mile east of the Connaught and Churchill Township boundary.

Access to all of the properties is best handled by helicopter although Churchill 42 can be easily reached by landing a fixed wing aircraft on Okawakenda Lake.

PREVIOUS WORK:

No previous work has been filed for assessment on any of these claim groups. In Churchill Township, previous work has been concentrated on the southern edge of the Township while in Connaught Township most of the work has been in the northern half.

SURVEY DETAILS:

On all five properties, lines were cut east-west. On Churchill 42, all lines were established every 60 metres while on

Churchill 31, lines were cut at 60 metre intervals in the south and at 120 metre intervals in the north. One hundred metre lines was standard for all the Connaught properties. On all grids, stations were established every 20 metres.

Magnetic surveys and any v.l.f. surveys were run at 20 metre station intervals. The horizontal loop values were usually recorded every 40 metres.

SURVEY RESULTS:

CHURCHILL 42: This is the only property on which an electromagnetic response was recorded that could possibly be associated with a sulphide conductor. Even though, on line 720 N, the conductivity-thickness of zone A is less than two mhos, this zone represents the best conductivity detected on any of the properties. Although massive sulphides usually indicate a much higher conductivity-thickness, there is a good possibility that stringer-type sulphides would cause this conductor. On line 660 N and 600 N, this zone appears to be flat-lying. Conductive zone B on line 360 N could be actually running east-west. This is suggested by the wide response on line 360 N and the positive in-phase responses on line 300 N. This zone is very poorly defined and definitely requires some further geophysical follow-up.

Numerous v.l.f. crossovers occur. Since few of these correspond with any horizontal loop anomalies, they probably represent poorly conductive bedrock structures or surficial conductors.

The magnetic results are fairly erratic, a reflection of the numerous outcroppings of high magnetic susceptibility. The major magnetic features appear to be running east-west which supports the fact that conductor B is oriented in a similar direction. The north-south trends at 400 W and at 200 E may be a

result of diabase dikes.

CHURCHILL 31: The horizontal loop work on this property is fairly uninteresting. Small in-phase movement on lines 660 N, 600 N, 420 N, and 240 N may be indications of some conductivity but the lack of any quadrature response suggests that the in-phase changes are due to coin misalignment.

The magnetic picture is dominated by narrow, high intensity magnetic high that more or less line up to form north-south trends. Again, these are due to diabase dikes.

CONNAUGHT TOWNSHIP CLAIMS: These three claim groups are all much the same in that the horizontal loop work shows no conductors and the magnetic results mainly show up north-south trending dikes.

CONCLUSIONS AND RECOMMENDATIONS:

Only the Churchill 42 property warrants further work. More detailed E.M. work should be done on both conductive zones A and B. Geologic mapping should be considered next and finally, depending on the geology and additional electromagnetic work, drilling of one or both of the conductive zones should be contemplated.

Will Gasteiger
W.A. GASTEIGER



Ministry of Natu

GEOPHYSICAL - GEOLOGI
TECHNICAL DATA



41P11NW0406 2.4178 CONNAUGHT

900

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.

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OCT - 5 1981

MINING LANDS SE

Type of Survey(s) Geophysical
Township or Area Connaught
Claim Holder(s) Texasgulf Canada Ltd.
P.O. Box 1140, 571 Moneta Ave., Timmins, Ontario P4N7H9
Survey Company Texasgulf Canada Ltd.
Author of Report W. A. Gasteiger
Address of Author 571 Moneta Ave., Timmins, Ontario
Covering Dates of Survey July/80 - Sept./81
(linecutting to office)
Total Miles of Line Cut 20 Kilometers

MINING CLAIMS TRAVERSED
List numerically

- L. 576707 ✓
(prefix) (number)
- 576708 ✓
- 576709 ✓
- 576710 ✓
- 576711 ✓
- 576712 ✓
- 576713 ✓
- 576714 ✓
- 576715 ✓
- 576716 ✓
- 576717 ✓
- 576718 ✓

If space insufficient, attach list

SPECIAL PROVISIONS
CREDITS REQUESTED

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

ENTER 20 days for each
additional survey using
same grid.

	DAYS per claim
Geophysical	20
-Electromagnetic	
-Magnetometer	40
-Radiometric	
-Other	
Geological	
Geochemical	

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

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

DATE: Sept. 30, 1981 SIGNATURE: W. A. Gasteiger
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

TOTAL CLAIMS 12

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

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

MAG: Conn 26: 391 HL: Conn 26 102
Conn 16W 388 Conn 16E 85
Number of Stations Number of Readings
Station interval Mag: 20 metres Line spacing 100 metres
Profile scale HL: 1cm = 10%
Contour interval Mag: 500 gammas

MAGNETIC

Instrument Geometrics G-836 Proton Precession Magnetometer
Accuracy - Scale constant + 10 gammas
Diurnal correction method base line values corrected by looping at 100 metre intervals
Base Station check-in interval (hours) along base line. All cross lines corrected to base
Base Station location and value line values. Base station on each grid at 0 on line o.
Connaught 26 60480
Connaught 16W 60620
Connaught 16E 58470

ELECTROMAGNETIC

Instrument Apex Parametrics Max-Min II
Coil configuration Coplanar
Coil separation 160 metres
Accuracy - 1%
Method: [] Fixed transmitter [] Shoot back [x] In line [] Parallel line
Frequency 1777 Hz (specify V.L.F. station)
Parameters measured In-phase and quadrature component of secondary field as a percentage of primary 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



Ministry of Natural Resources

File _____

GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL
TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
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RECEIVED

OCT - 5 1981

MINING LANDS SECTION

Type of Survey(s) Geophysical
Township or Area Churchill
Claim Holder(s) Texasgulf Canada Ltd.
P.O. Box 1140, 571 Moneta Ave, Timmins, Ontario P4N7H9
Survey Company Texasgulf Canada Ltd.
Author of Report N.A. Gasteiger
Address of Author 571 Moneta Ave., Timmins, Ontario
Covering Dates of Survey July/80 - Sept./81
(linecutting to office)
Total Miles of Line Cut 25 Kilometers

MINING CLAIMS TRAVERSED
List numerically

- L..... 576703 ✓
(prefix) (number)
- L..... 576704
- L..... 576705
- L..... 576706
- L..... 619000 ✓
- L..... 619001
- L..... 619002 ✓
- L..... 619003 ✓
- L..... 619004 ✓
- L..... 619005 ✓

If space insufficient, attach list

SPECIAL PROVISIONS
CREDITS REQUESTED

DAYS
per claim

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

ENTER 20 days for each
additional survey using
same grid.

- Geophysical _____
- Electromagnetic 20
- Magnetometer 40
- Radiometric _____
- Other _____
- Geological _____
- Geochemical _____

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

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

DATE: Sept. 30, 1981 SIGNATURE: *N.A. Gasteiger*
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

OFFICE USE ONLY

TOTAL CLAIMS 10

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations Mag: 1228 HL: 442 Number of Readings Mag: 1228 HL: 442
Station interval Mag: 20 metres H.L.: 40 metres Line spacing 60 or 120 metres
Profile scale H.L.: 1cm = 10%
Contour interval Mag: 200 gammas

MAGNETIC

Instrument Geometrics G-816 Proton Precession Magnetometer
Accuracy - Scale constant + 10 gammas
Diurnal correction method Base line values corrected by looping at 60 metre
Base Station check-in interval (hours) intervals along base line. All cross lines
Base Station location and value corrected to base line values. Base stations at 0 on line 0 = 59030.

ELECTROMAGNETIC

Instrument Apex Parametrics Max-Min II
Coil configuration Coplanar
Coil separation 160 metres
Accuracy + 1%
Method: [] Fixed transmitter [] Shoot back [x] In line [] Parallel line
Frequency 1777Hz (specify V.L.F. station)
Parameters measured In-phase and quadrature components of secondary field as a percentage of primary transmitted 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



Ministry of Natural Resources

File _____

GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL
TECHNICAL DATA STATEMENT

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MINING LANDS SECTION

Type of Survey(s) Geophysical
Township or Area Churchill
Claim Holder(s) Texasgulf Canada Ltd.
P.O. Box 1140, 571 Moneta Ave. Timmins, Ontario P4N7H9
Survey Company Texasgulf Canada Ltd.
Author of Report W. A. Gasteiger 267.1188
Address of Author 571 Moneta Ave., Timmins, Ontario
Covering Dates of Survey July/80 - Sept./81
(linecutting to office)
Total Miles of Line Cut 17 Kilometers

MINING CLAIMS TRAVERSED
List numerically

L	576701 ✓
(prefix)	(number)
L	576702 ✓
L	577697 ✓
L	577698 ✓
L	577699 ✓
L	577700 ✓

<u>SPECIAL PROVISIONS</u> <u>CREDITS REQUESTED</u>	DAYS per claim
Geophysical	
-Electromagnetic	<u>40</u>
-Magnetometer	<u>40</u>
-Radiometric	_____
-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. 30/81 SIGNATURE: Will Gasteiger
Author of Report or Agent

Res. Geol. _____ Qualifications 2.1798

Previous Surveys

File No.	Type	Date	Claim Holder
.....
.....
.....
.....
.....
.....
.....

TOTAL CLAIMS 6

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

Mag: 769
VLF: 817

Mag: 769
VLF: 817

Number of Stations _____ Number of Readings _____
 Station interval 20 metres Line spacing 60 metres
 Profile scale H.E.M.: 1cm = 10% V.L.F.: 1cm = 20°
 Contour interval Mag: 200 gammas

MAGNETIC

Instrument Geometrics G-816 Proton Precession Magnetometer
 Accuracy - Scale constant ± 1 gamma
 Diurnal correction method Base line values corrected by looping at intervals of _____
 Base Station check-in interval (hours) 60 metres along base line.
 Base Station location and value All cross lines corrected to base line values.
 Base Station at 0 on line o = 59076.

ELECTROMAGNETIC

Instrument H.E.M., Apex Parametrics Max-Min II V.L.F., Crone Radem
 Coil configuration Coplanar Vertical Loop
 Coil separation 120 metres large
 Accuracy $\pm 1\%$
 Method: Fixed transmitter Shoot back In line Parallel line
 Frequency H.E.M.: 1777Hz V.L.F.: Annapolis Maryland
(specify V.L.F. station)
 Parameters measured In-phase and quadrature components Dip angle of total field.
 of secondary field as percentage of primary 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 _____

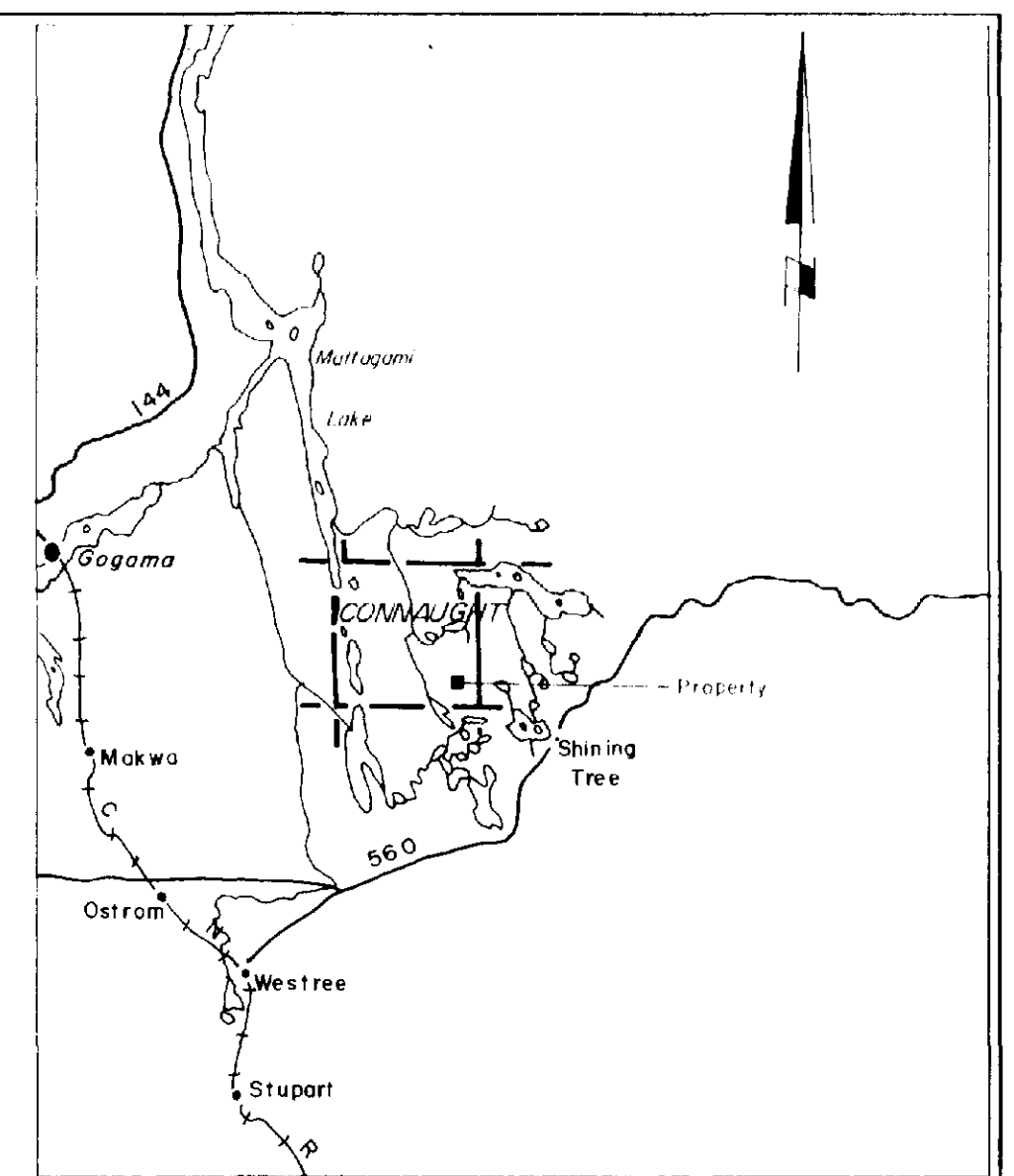
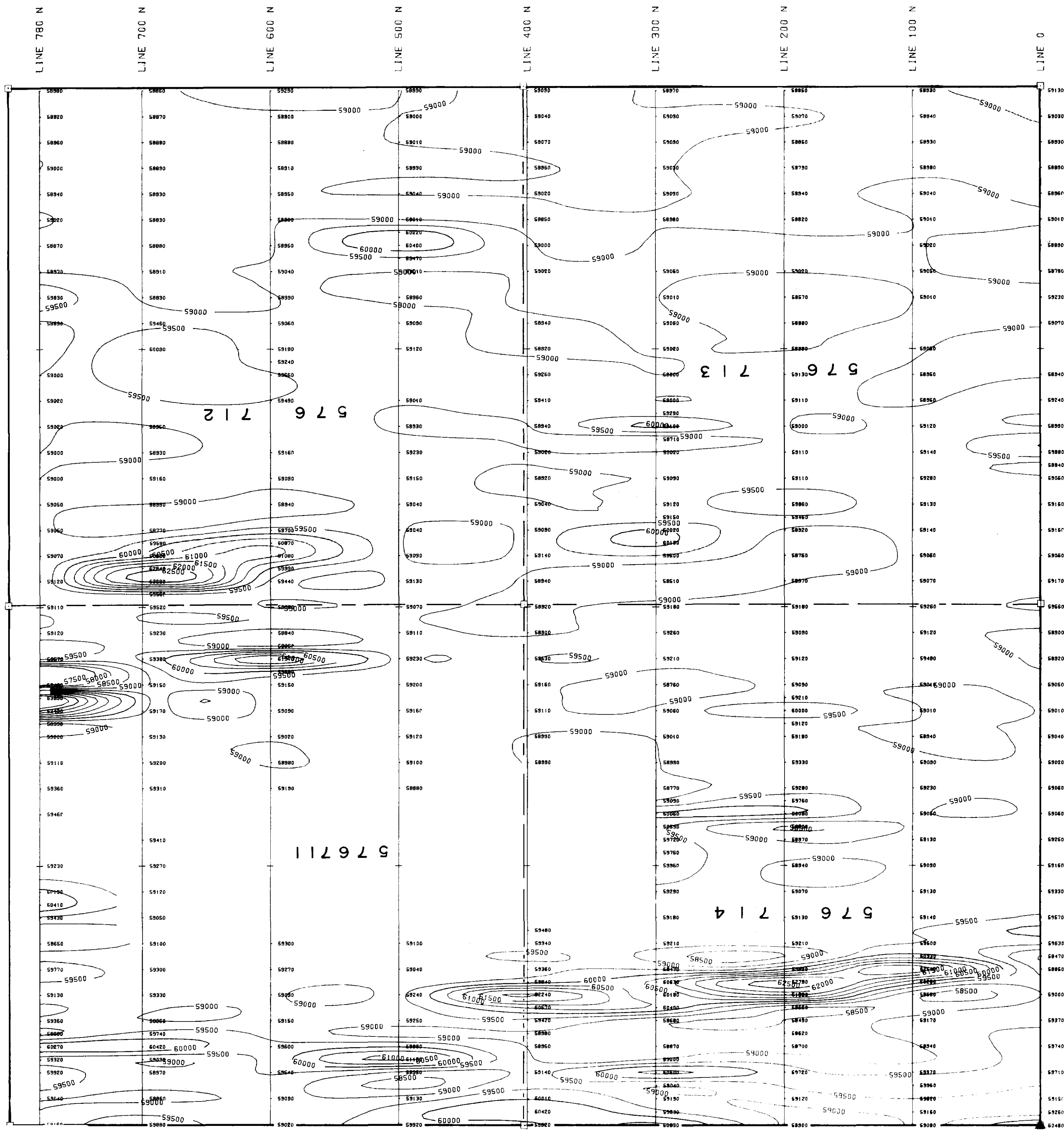
Texas Gulf Canada Limited

	EM	Mag	ULF		EM	Mag	ULF
L. 576701	✓	✓	✓	577697	✓	1/4	✓
2	1/4	1/4	1/4	98	✓	✓	✓
3	✓	✓		99	✓	✓	✓
4	✓	✓		700	✓	✓	✓
5	✓	✓		619000	1/2	1/4	
6	✓	✓		1	✓	✓	
7	1/4	✓	✓	2	✓	✓	
8	3/4	1/2	1/2	3	3/4	✓	
9	1/2	✓	1/4	4	✓	✓	
10	1/4	✓	1/4	5	✓	✓	
11	3/4	✓	1/2		27/4	7/4	
12	3/4	✓	3/4		6.75	1.75	
13	1/4	✓			33.75		
14	1/4	✓					
15	3/4	1/4	1/2				
16	0	1/4	0				
17	3/4	✓	1/2				
18	✓	✓	✓				

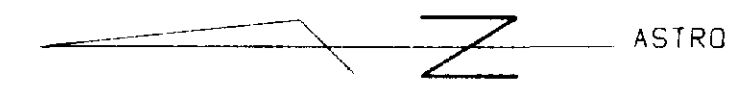
E.M.
 $27 \times 20 = 540 \div 33.75 = 16 \text{ days.}$

Mag
 $28 \times 40 = 1120 \div 29.75 = 38 \text{ days.}$

Handwritten signature
 Sept 2/82
 And
 see statement

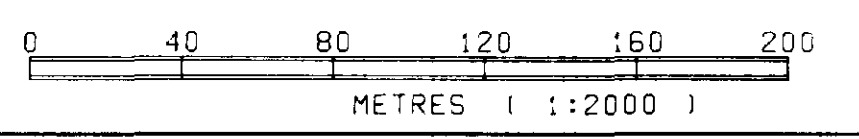


KEY MAP SCALE 1" = 8 miles



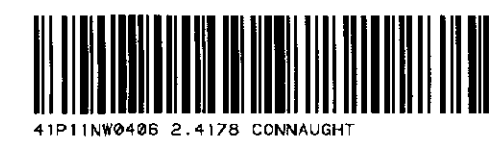
LEGEND

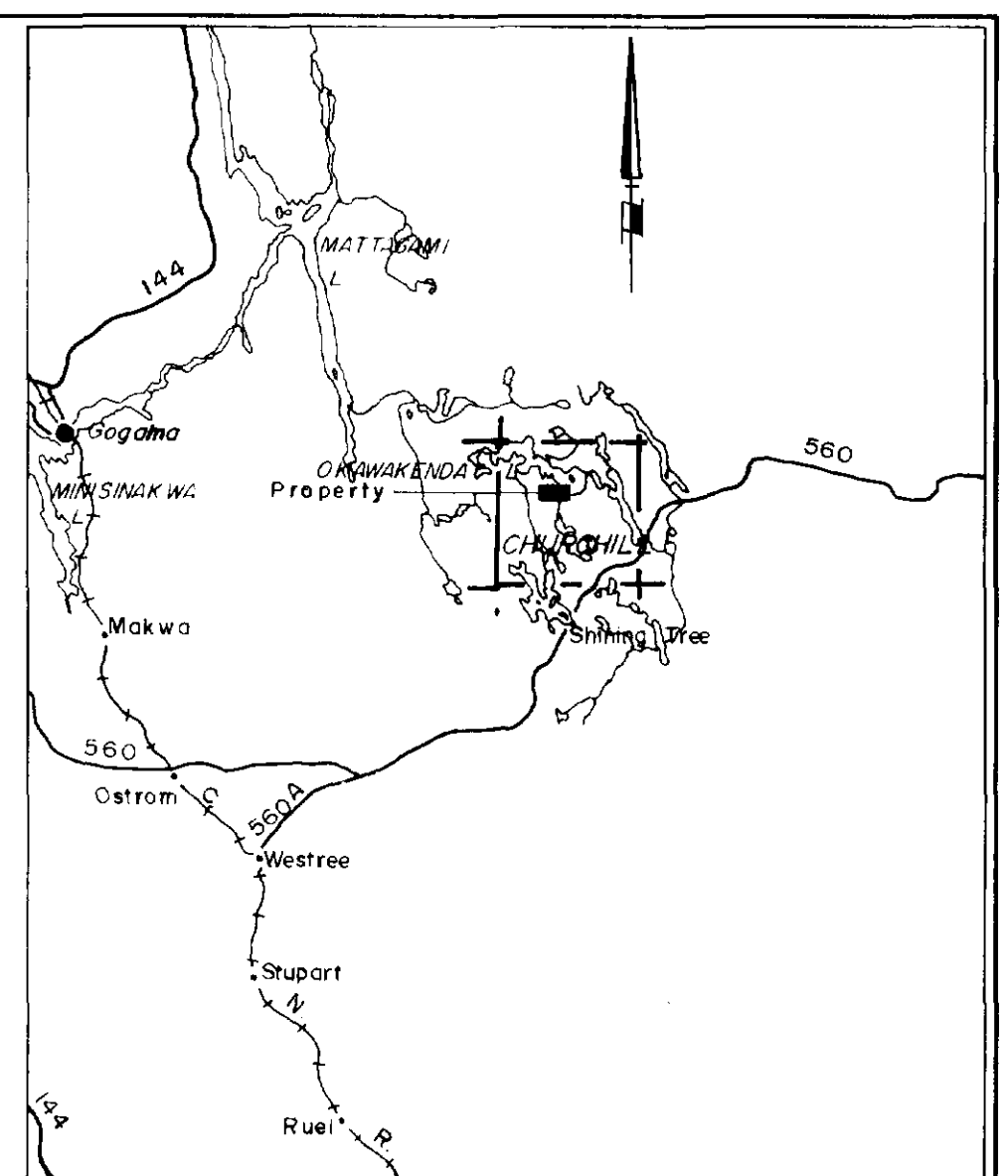
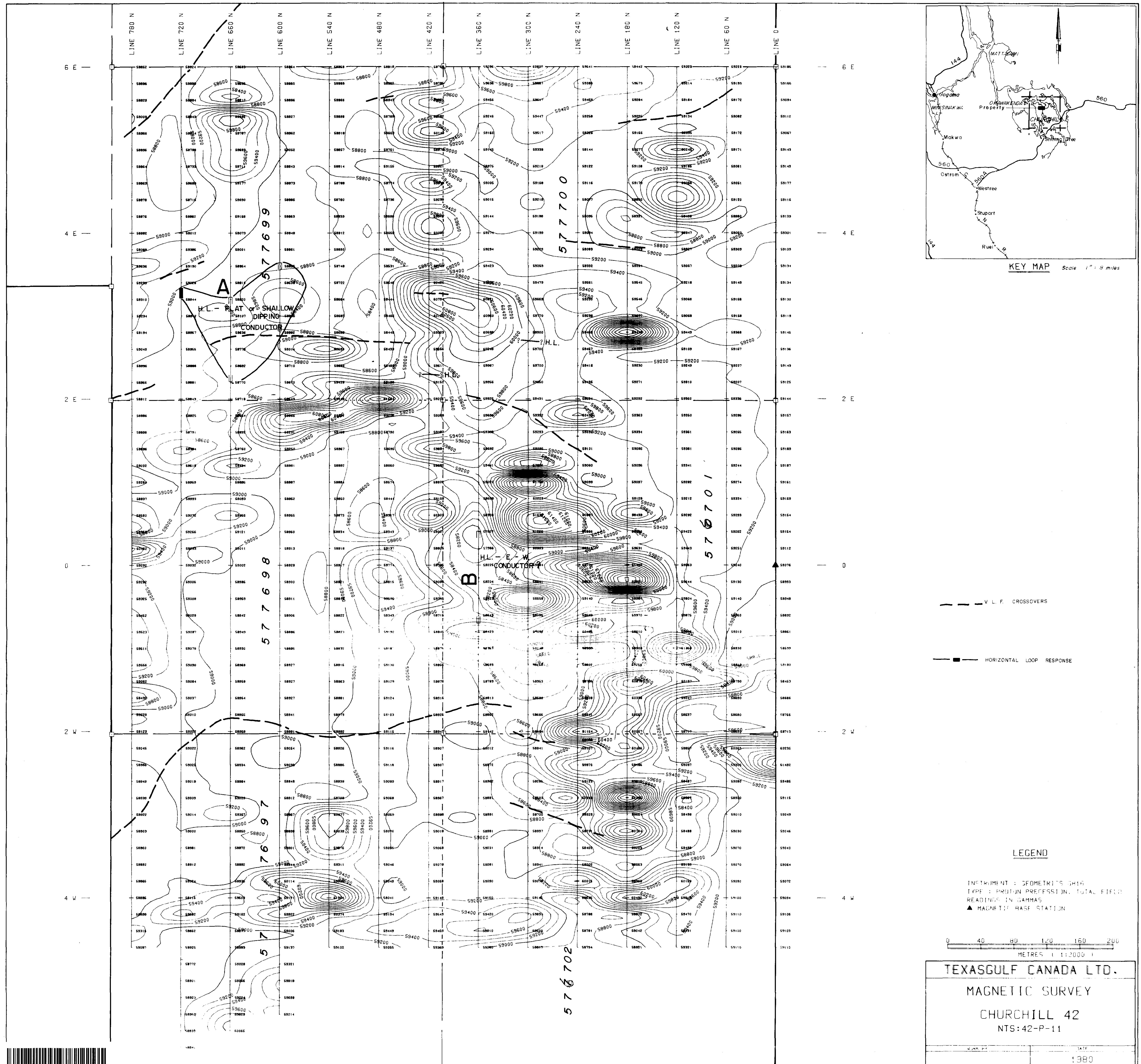
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 TYPE : PROTON PRECESSION. TOTAL FIELD
 READINGS IN GAMMAS
 ▲ MAGNETIC BASE STATION



TEXASGULF CANADA LTD.	
MAGNETIC SURVEY	
CONNAUGHT 26	
NTS:41-P-11	PROJ #988
WORK BY	DATE
	1981

Will Suter 2.4.78



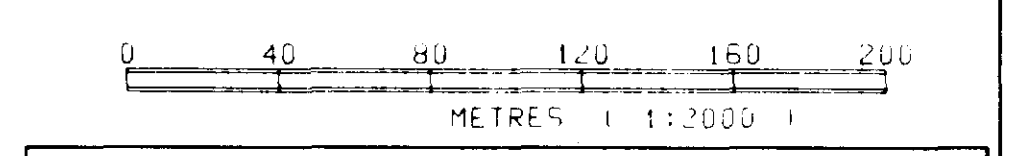


KEY MAP Scale 1" = 3 miles

- V. L. F. CROSSOVERS
- HORIZONTAL LOOP RESPONSE

LEGEND

INSTRUMENT : GEOMETRITS 6H16
 TYPE : PROTON PRESSION. TOTAL FIELD
 READINGS IN GAMMAS
 ▲ MAGNETIC BASE STATION

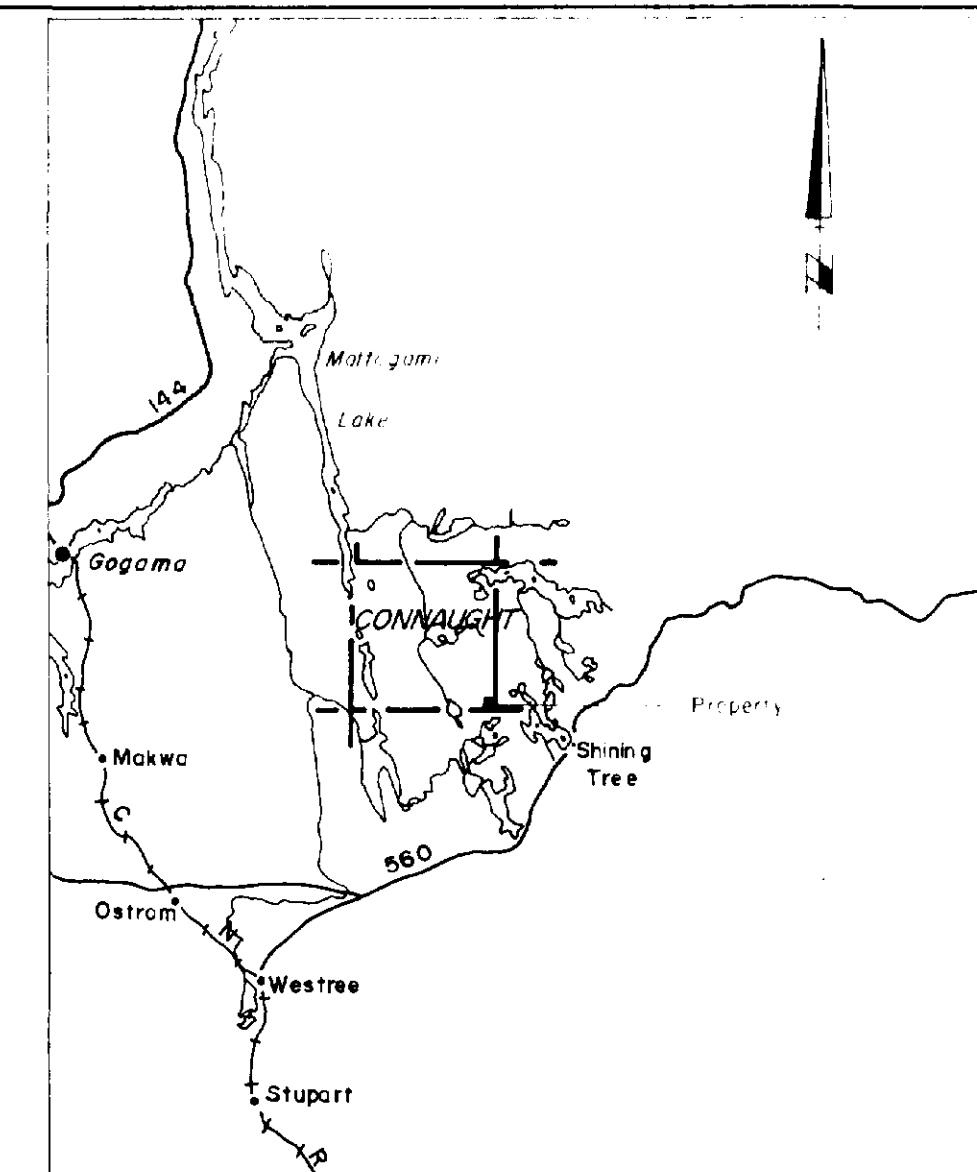


TEXASGULF CANADA LTD.
MAGNETIC SURVEY
CHURCHILL 42
 NTS: 42-P-11

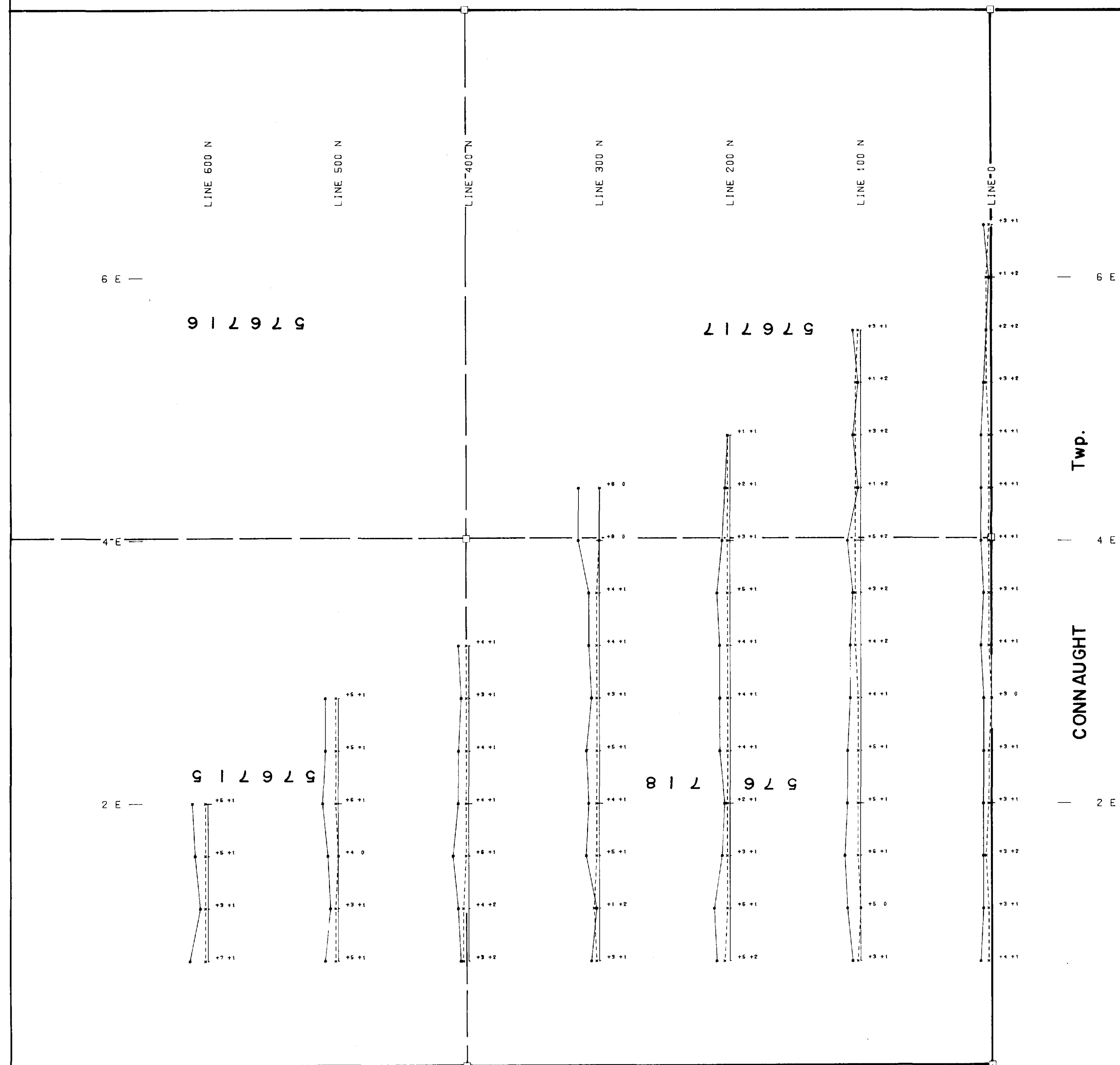


Will Bunting 24178

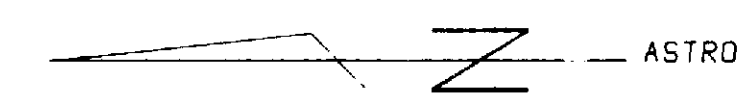
CHURCHILL Twp.



KEY MAP SCALE : 1" = 8 miles



6 E
Twp.
4 E
CONNAUGHT
2 E
MIRAMICHI Twp.



LEGEND

1777 Hz
IN-PHASE READINGS
QUADRATURE READINGS

INSTRUMENT : APEX PARAMETRICS MAXMIN II
FREQUENCY : 1777 Hz
COIL SPACING : 160 METERS
PROFILE SCALE : 1 CM = 10%

+ READINGS - READINGS

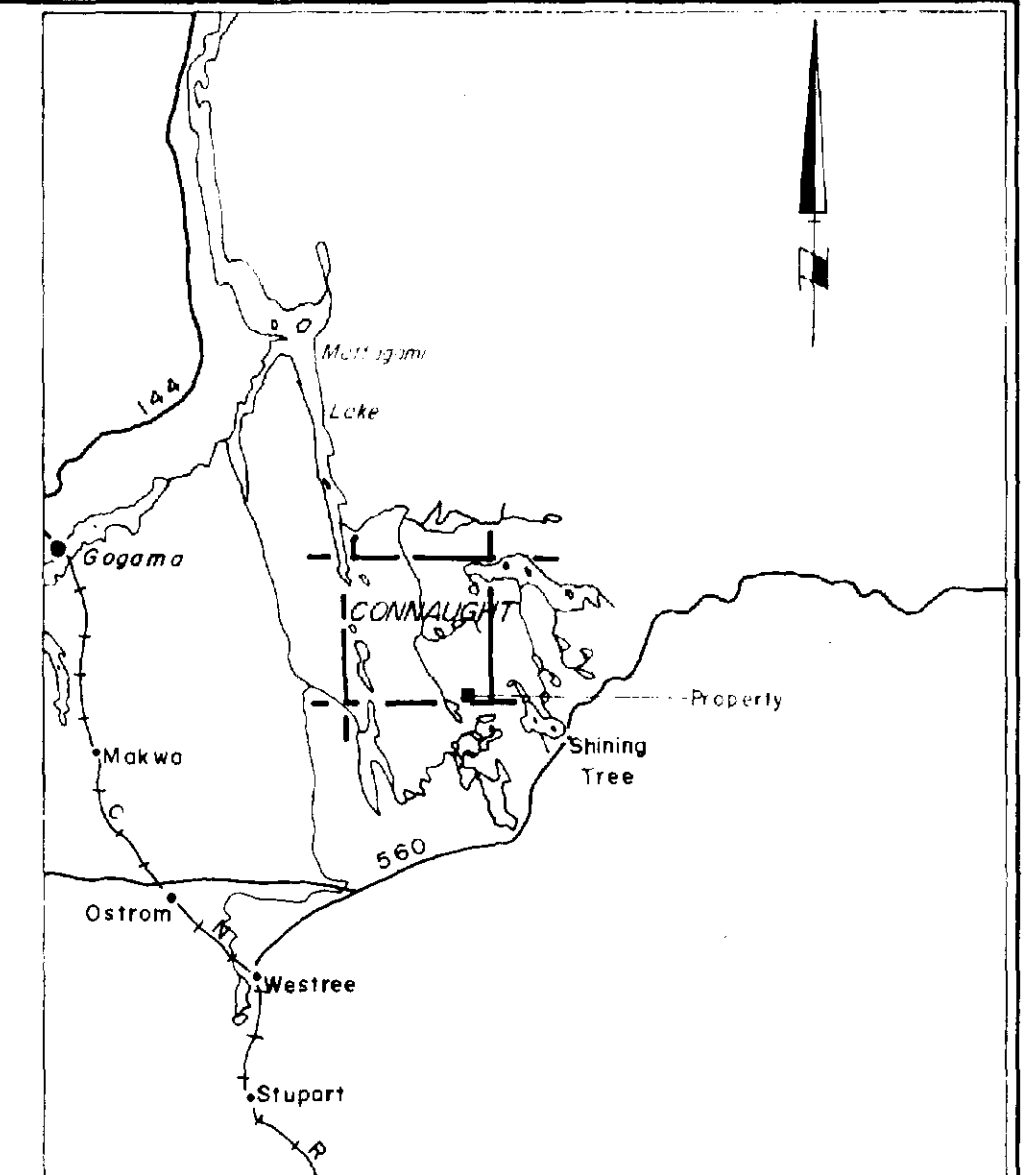


TEXASGULF CANADA LTD.
HORIZONTAL LOOP SURVEY
CONNAUGHT 16 EAST
NTS:41-P-11 PROJ #988

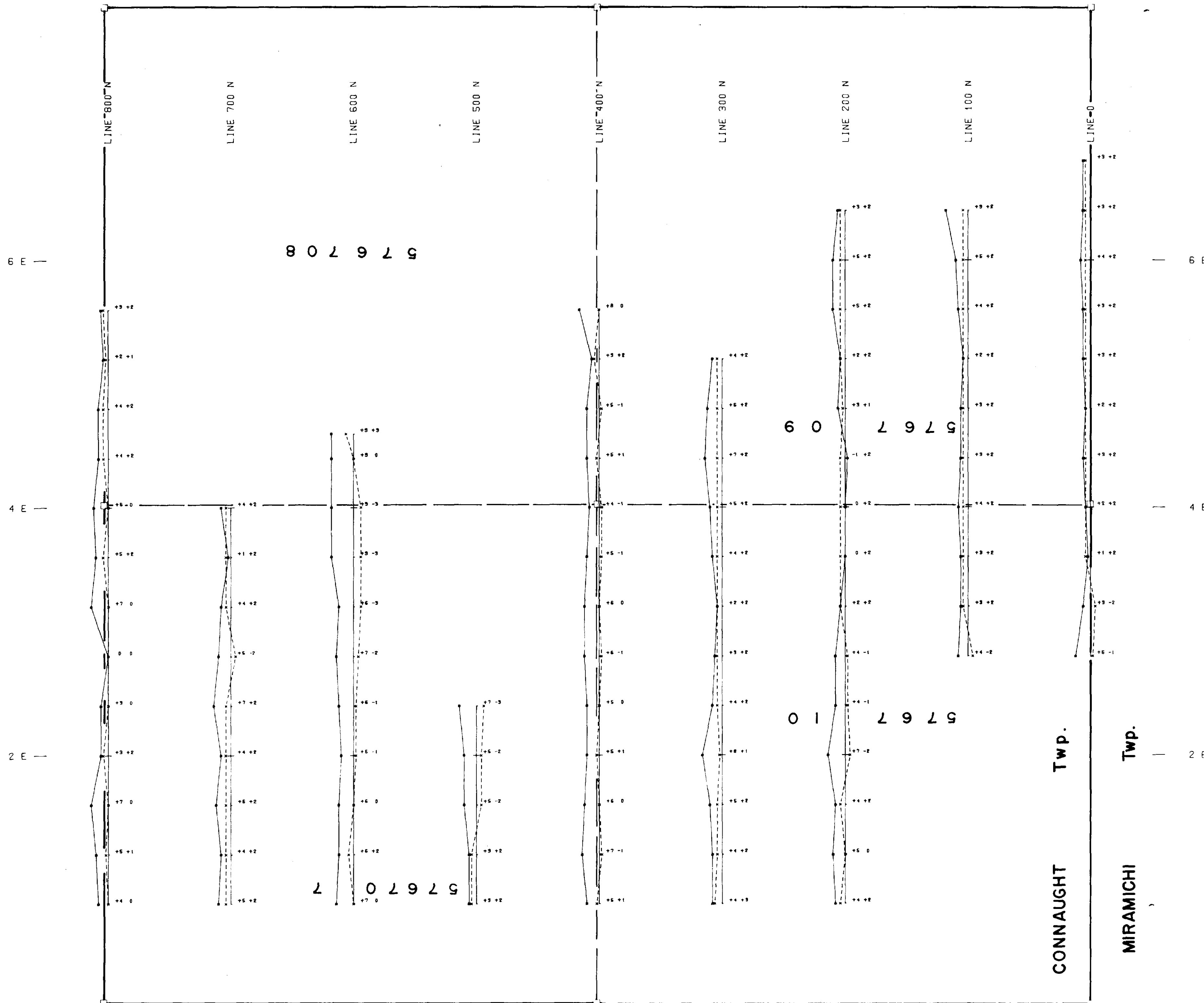
WORK BY	DATE
	1981 2.4.78



Will Santiago



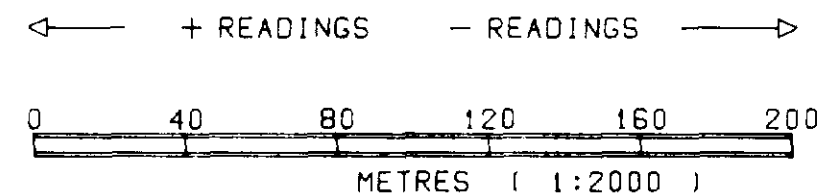
KEY MAP SCALE : 1" = 8 miks



LEGEND

1777 Hz
 IN-PHASE READINGS
 QUADRATURE READINGS

INSTRUMENT : APEX PARAMETRICS MAXMIN II
 FREQUENCY : 1777 Hz
 COIL SPACING : 160 METERS
 PROFILE SCALE : 1 CM = 10%

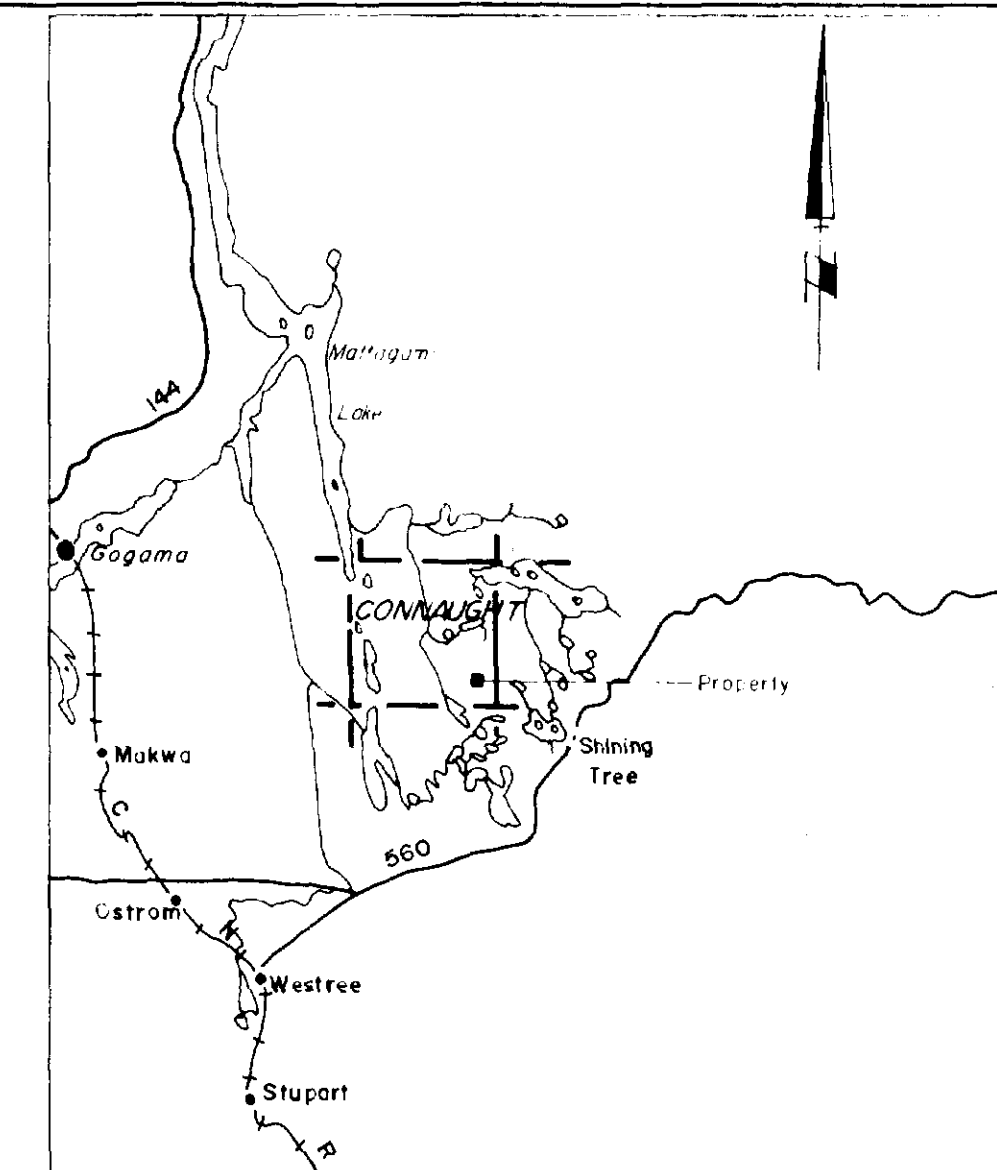


TEXASGULF CANADA LTD.
 HORIZONTAL LOOP SURVEY
 CONNAUGHT 16 WEST
 NTS:41-P-11 PROJ #988

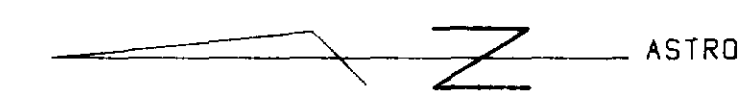
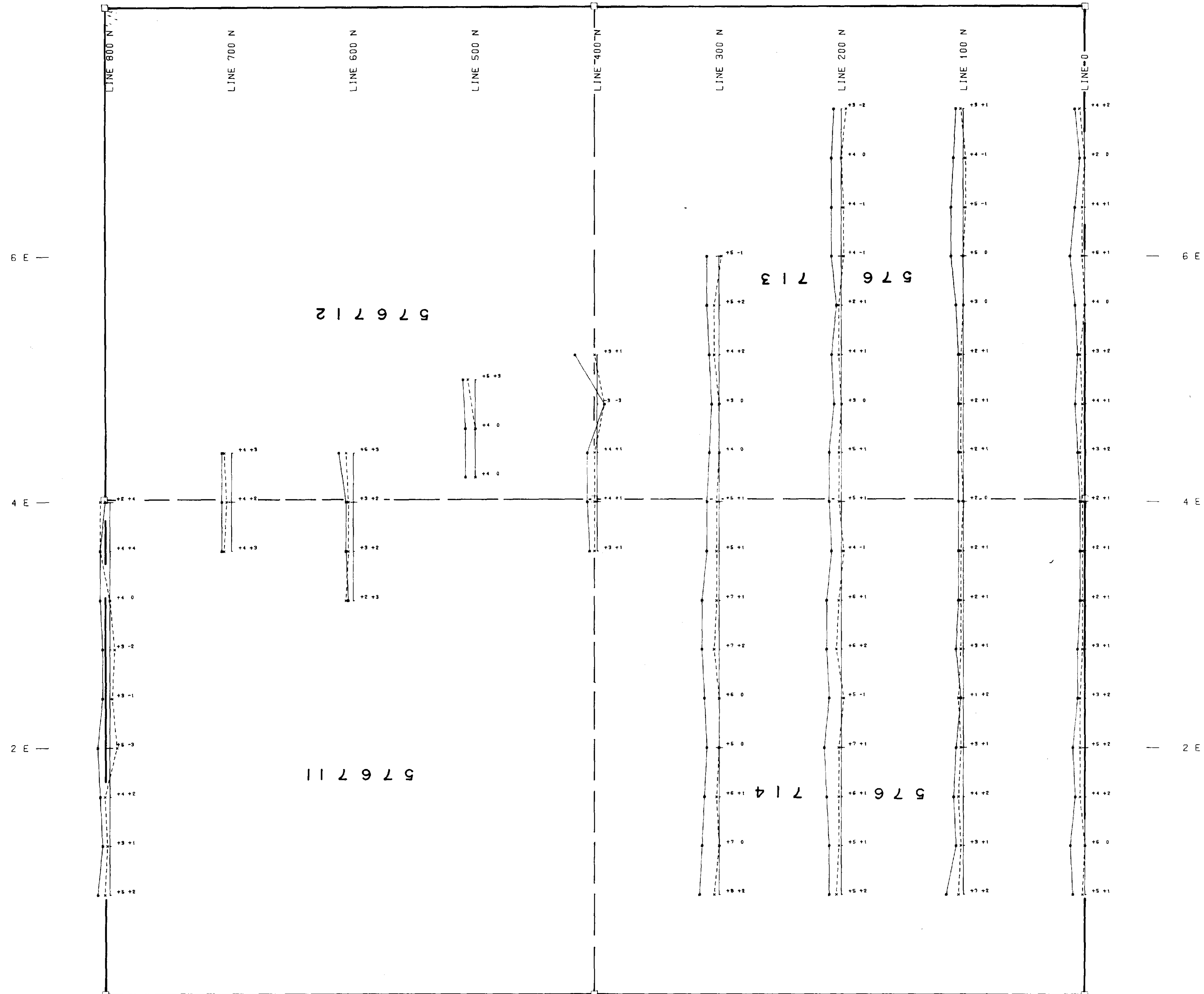
WORK BY	DATE
	1981



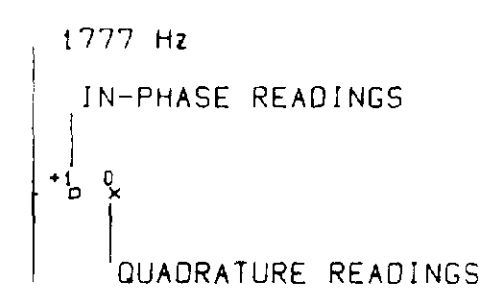
Will Santora 2.4178



KEY MAP SCALE : 1" = 8 miles



LEGEND



INSTRUMENT : APEX PARAMETRICS MAXMIN 11
 FREQUENCY : 1777 Hz
 COIL SPACING : 160 METERS
 PROFILE SCALE : 1 CM = 10%

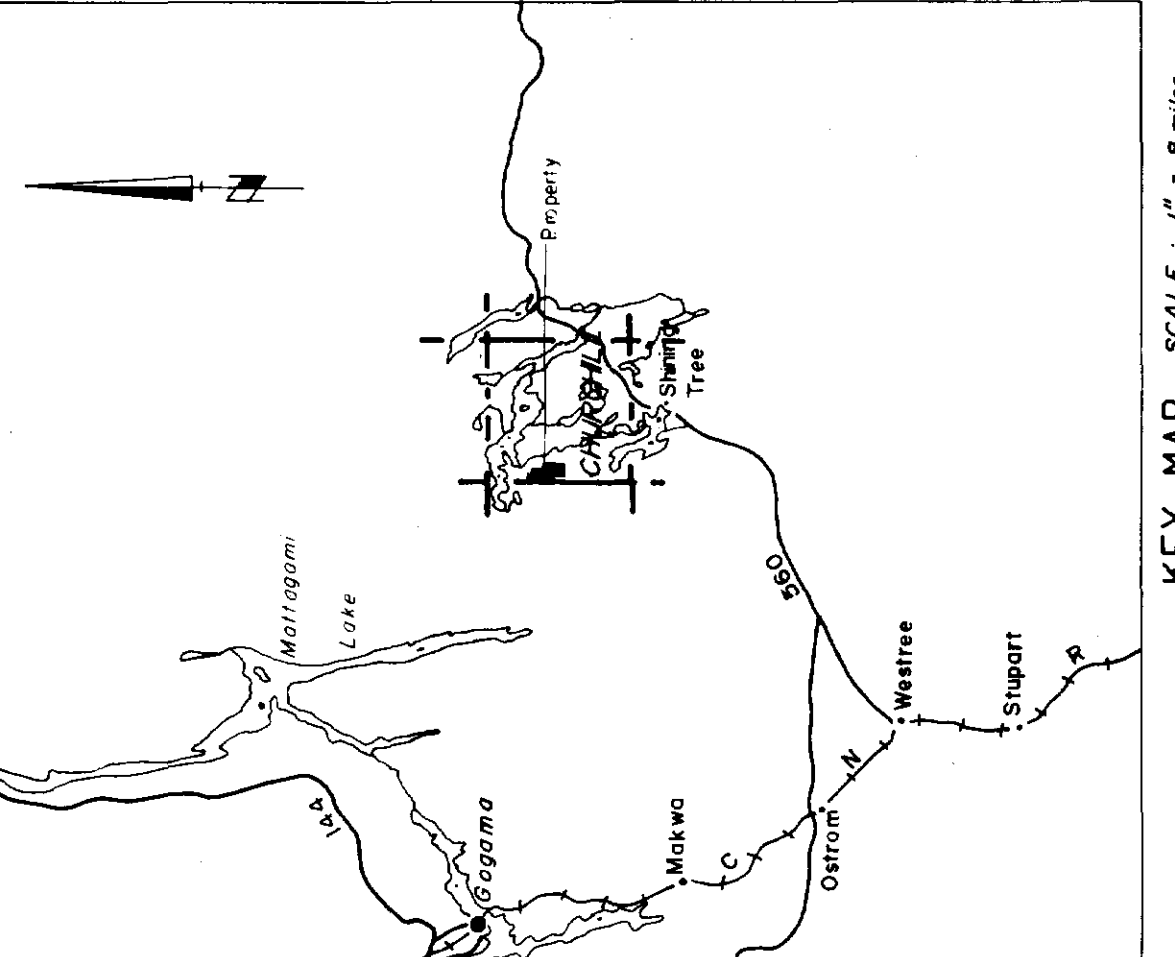
← + READINGS - READINGS →



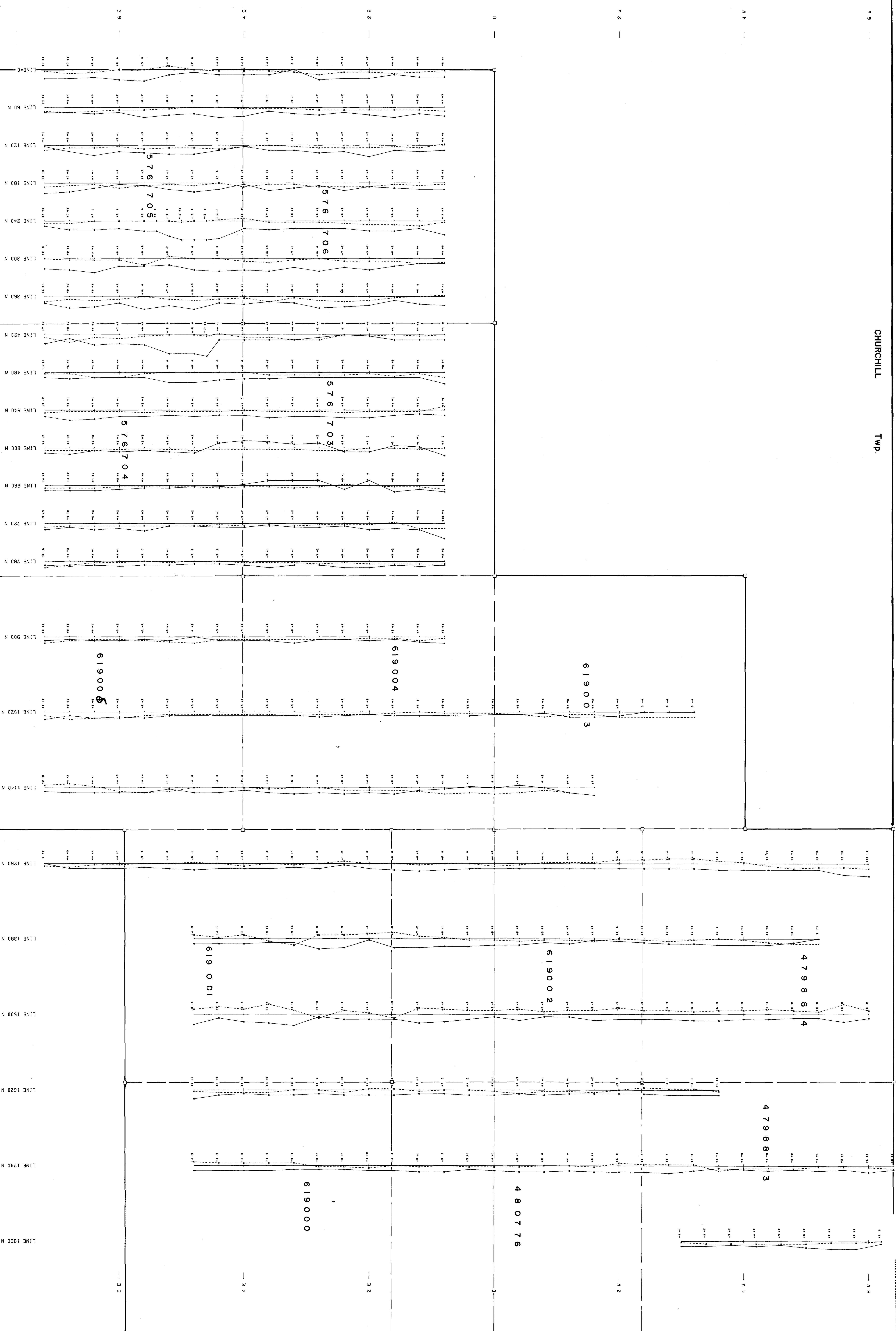
TEXASGULF CANADA LTD.	
HORIZONTAL LOOP SURVEY	
CONNAUGHT 26	
NTS:41-P-11	PROJ #988
WORK BY	DATE
	1981



Neil Barton 2.4178



KEY MAP SCALE 1" = 2000'



ASTRO

LEGEND

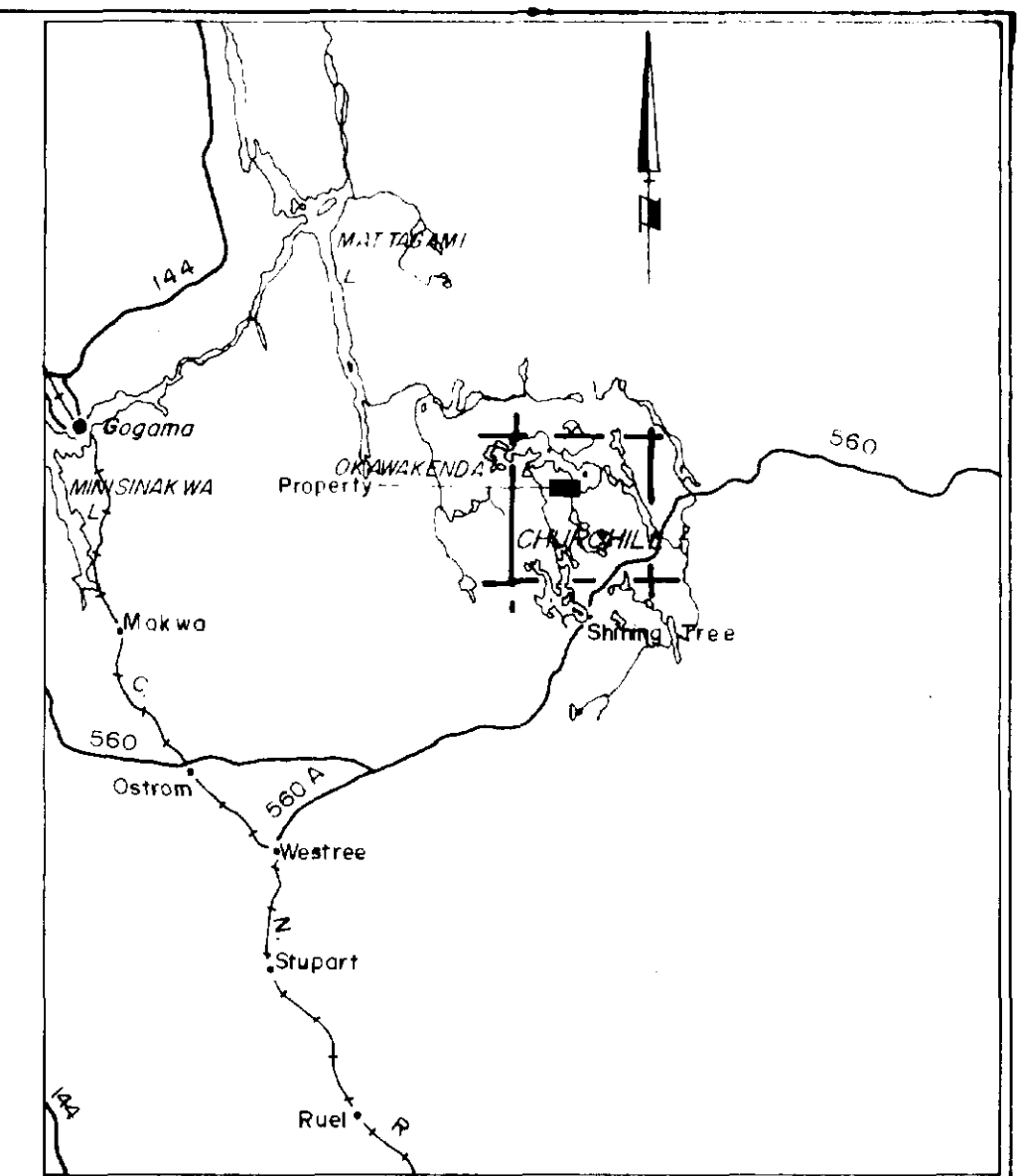
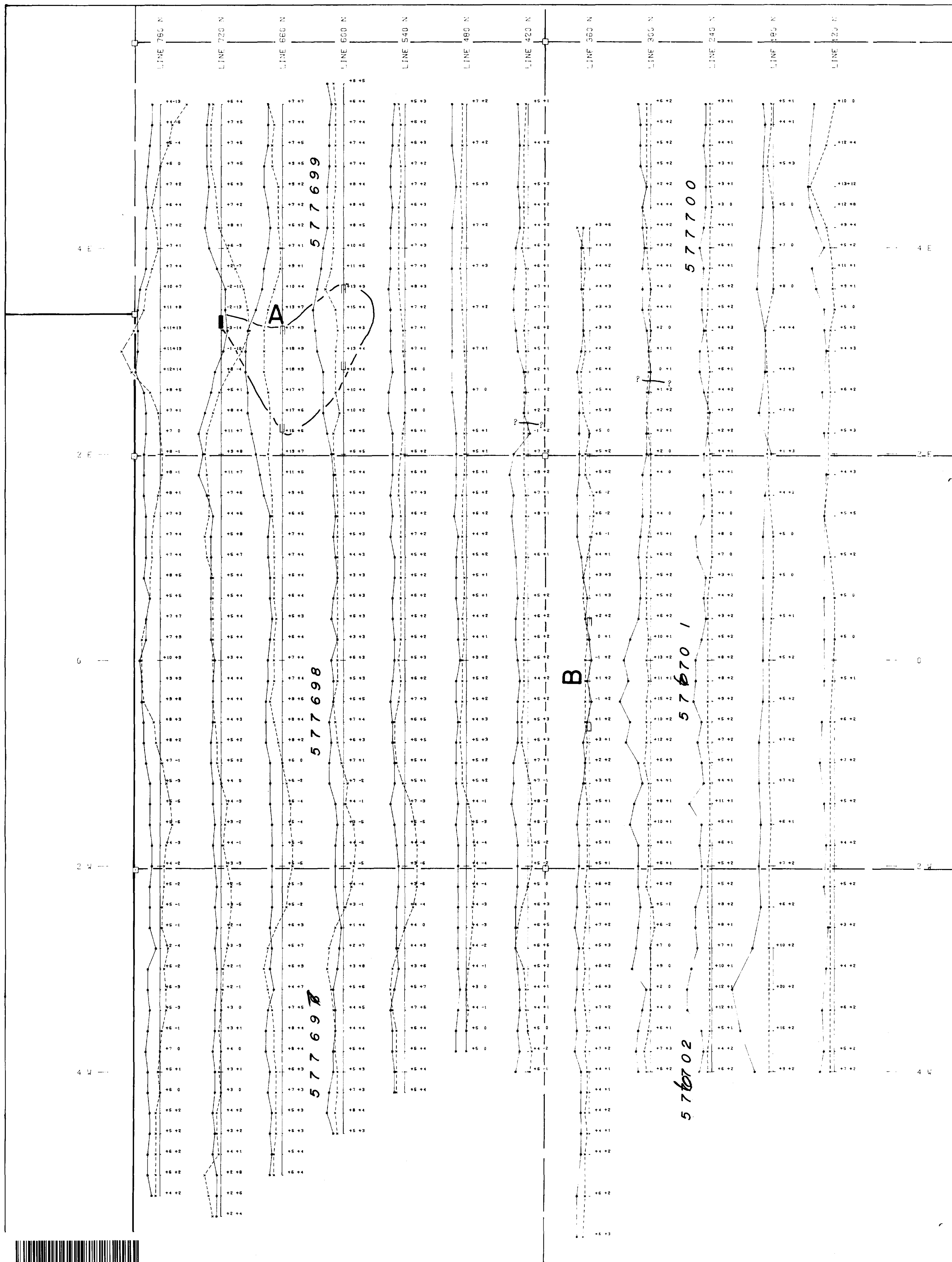
- 1777 Hz
- IN-PHASE READINGS
- QUADRATURE READINGS
- INSTRUMENT : APEX PARAMETRICS MAXMIN 11
- FREQUENCY : 1777 Hz
- COIL SPACING : 160 METERS
- PROFILE SCALE : 1 CM = 10Z
- + READINGS - READINGS

TEXASGULF CANADA LTD.
HORIZONTAL LOOP SURVEY
CHURCHILL 31

DATE 1961
DRAWN BY
S. H. S. S.

CONNAUGHT TWP.
CHURCHILL

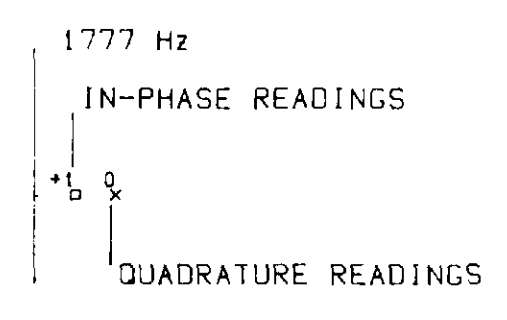




KEY MAP Scale 1" = 8 miles

— ■ — HORIZONTAL LOOP RESPONSE

LEGEND



INSTRUMENT : APEX PARAMETRICS MAXMIN II
 FREQUENCY : 1777 Hz
 COIL SPACING : 120 METERS
 PROFILE SCALE : 1 CM = 10%

← + READINGS - READINGS →



TEXASGULF CANADA LTD.
 HORIZONTAL LOOP SURVEY
 CHURCHILL 42
 NTS:42-P-11

WORK BY	DATE
	1980



Neil Bentley 2.4.78

Kelvin Twp. M.964

THE TOWNSHIP OF
OF
CHURCHILL

DISTRICT OF
SUDBURY

LARDER LAKE
MINING DIVISION

SCALE 1-INCH=40 CHAINS

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 ▼
- ROADS ————
- IMPROVED ROADS ————
- KING'S HIGHWAYS ————
- RAILWAYS ————
- POWER LINES ————
- MARSH OR MUSKEG ————
- MINES X
- CANCELLED C

NOTES

400' Surface Rights Reservation along the shores of all lakes & rivers

SAND & GRAVEL

Ⓞ MTC P11 No 1487

00T 0 0 1991
Ministry of Natural Resources
TORONTO

24178

PLAN NO - **M.719**

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

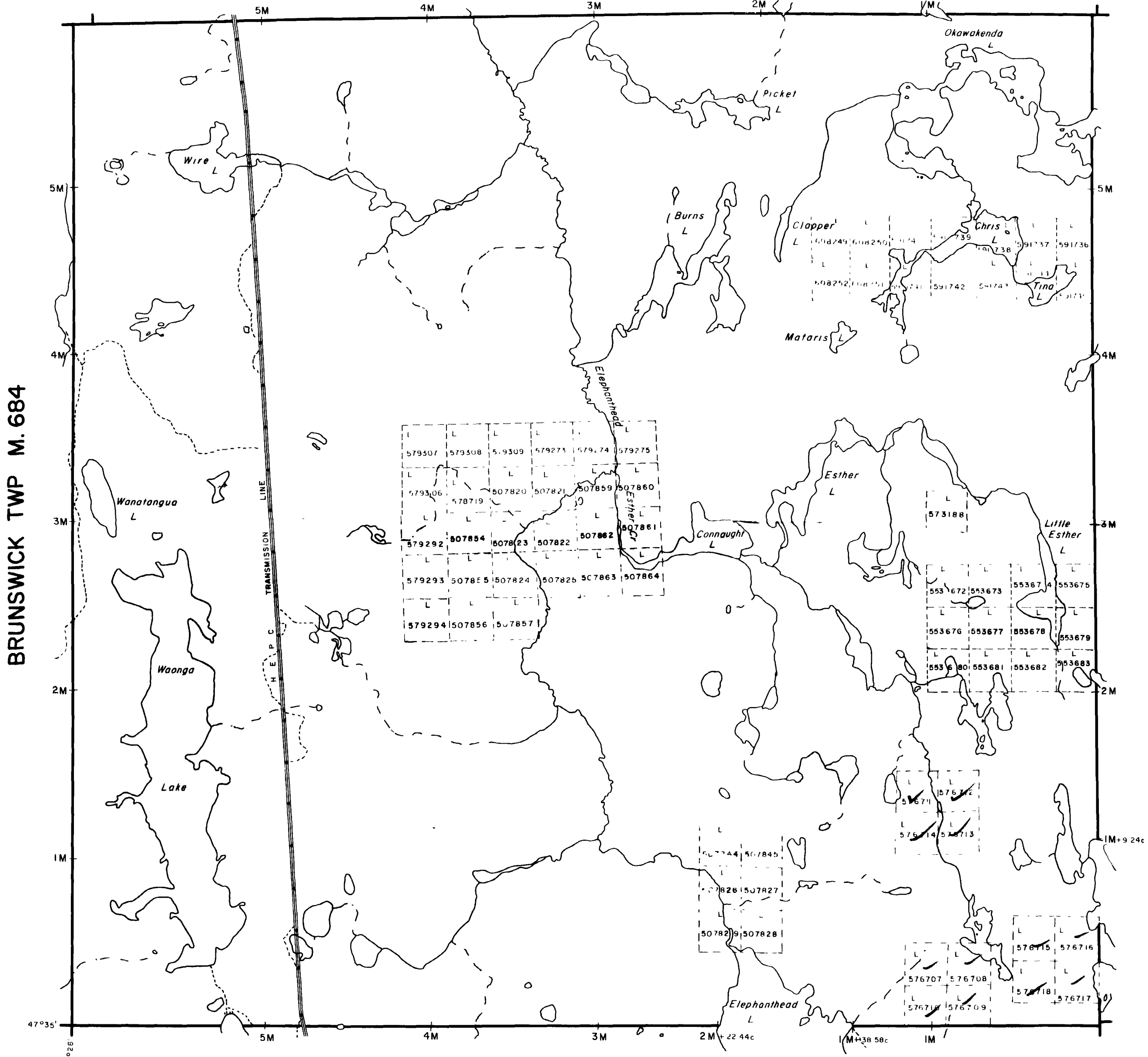
Connaught Twp. M.730

Macmurchy Twp. M.842

Asquith Twp. M.637



CABOT TWP M. 695



MIRAMICHI TWP M. 865

NOTES

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

DATE OF ISSUE
OCT 21 1981
 Ministry of Natural Resources
 TORONTO

24171

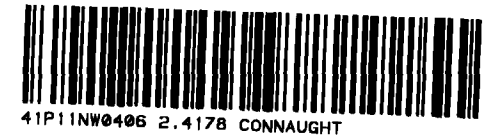
LEGEND

- PATENTED LAND (P or ●)
 - PATENTED FOR SURFACE RIGHTS ONLY (P or ●)
 - LEASE (Ⓛ)
 - LICENSE OF OCCUPATION (L.O.)
 - CROWN LAND SALES (C.S.)
 - LOCATED LAND (Loc.)
 - CANCELLED (C)
 - MINING RIGHTS ONLY (M.R.O.)
 - SURFACE RIGHTS ONLY (S.R.O.)
 - HIGHWAY & ROUTE NO. (17)
 - ROADS (—)
 - TRAILS (---)
 - RAILWAYS (—+—)
 - POWER LINES (—+—)
 - MARSH OR MUSKEG (—+—)
 - MINES (⚡)
- *used only with summer resort locations or when space is limited

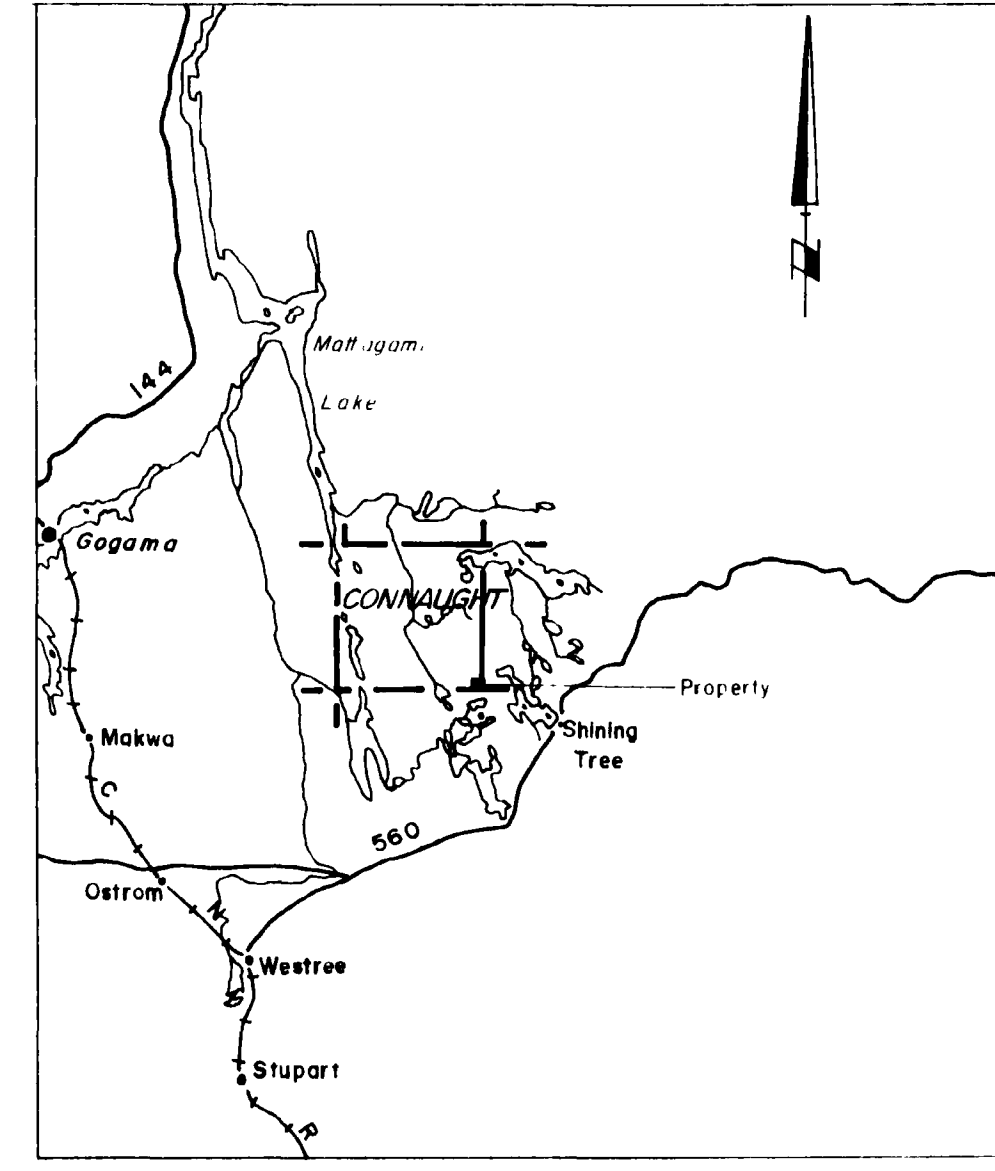
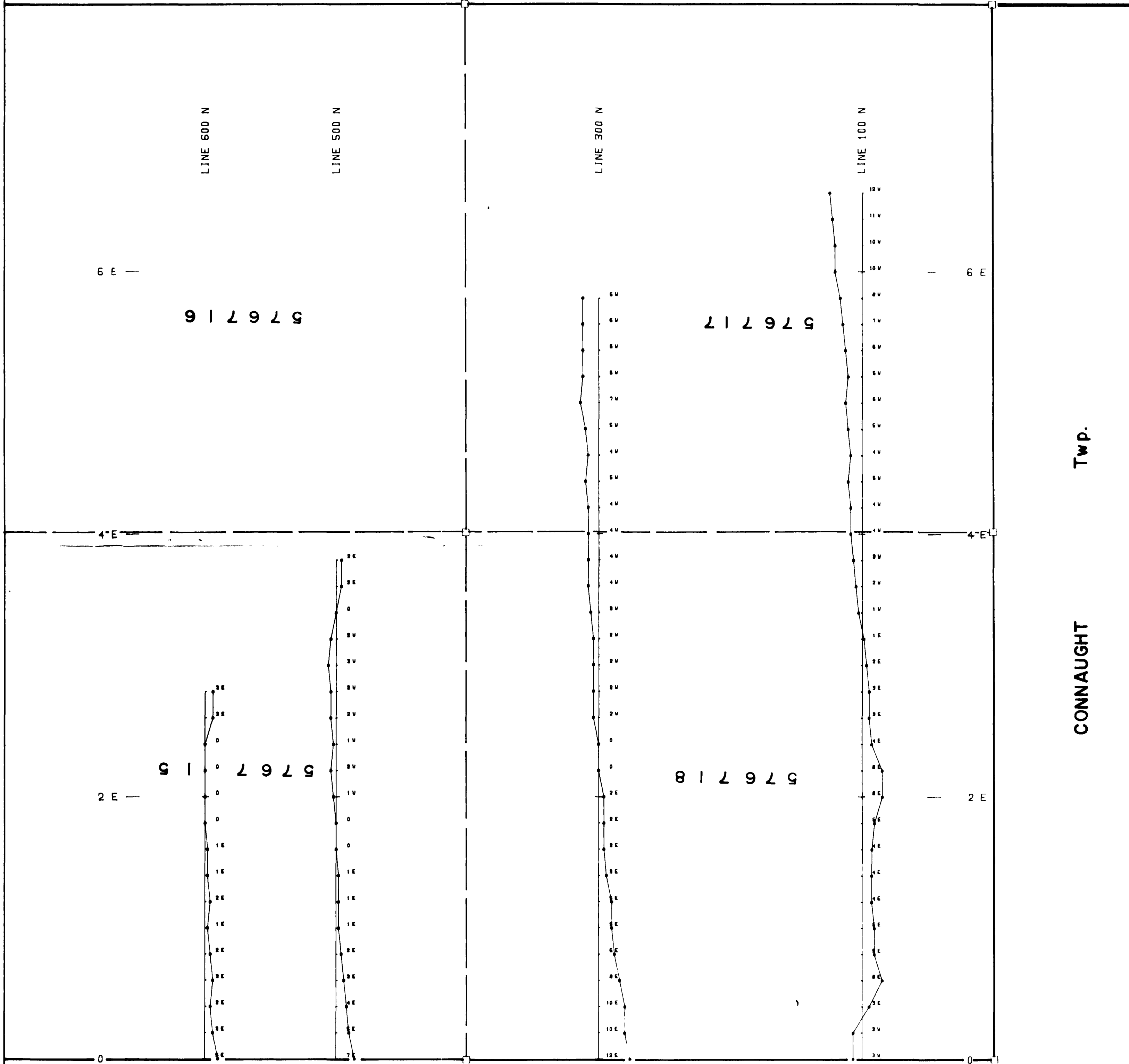
TOWNSHIP OF
CONNAUGHT
 DISTRICT OF
SUDBURY
LARDER LAKE
 MINING DIVISION
 SCALE .1 INCH = 40 CHAINS (1/2 MILE)

DR **JBK**
 DATE **20-Jan-71** PLAN NO. **M. 730**

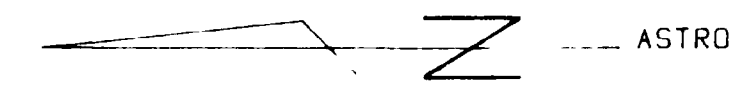
MINISTRY OF NATURAL RESOURCES



CHURCHILL Twp.

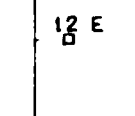


KEY MAP SCALE 1" = 8 miles



LEGEND

DIP ANGLE (DEGREES)



INSTRUMENT : CRONE RADEM
 STATION : ANNAPOLIS, 21.4 KH;
 PROFILE SCALE : DIP ANGLE 1 CM = 10°

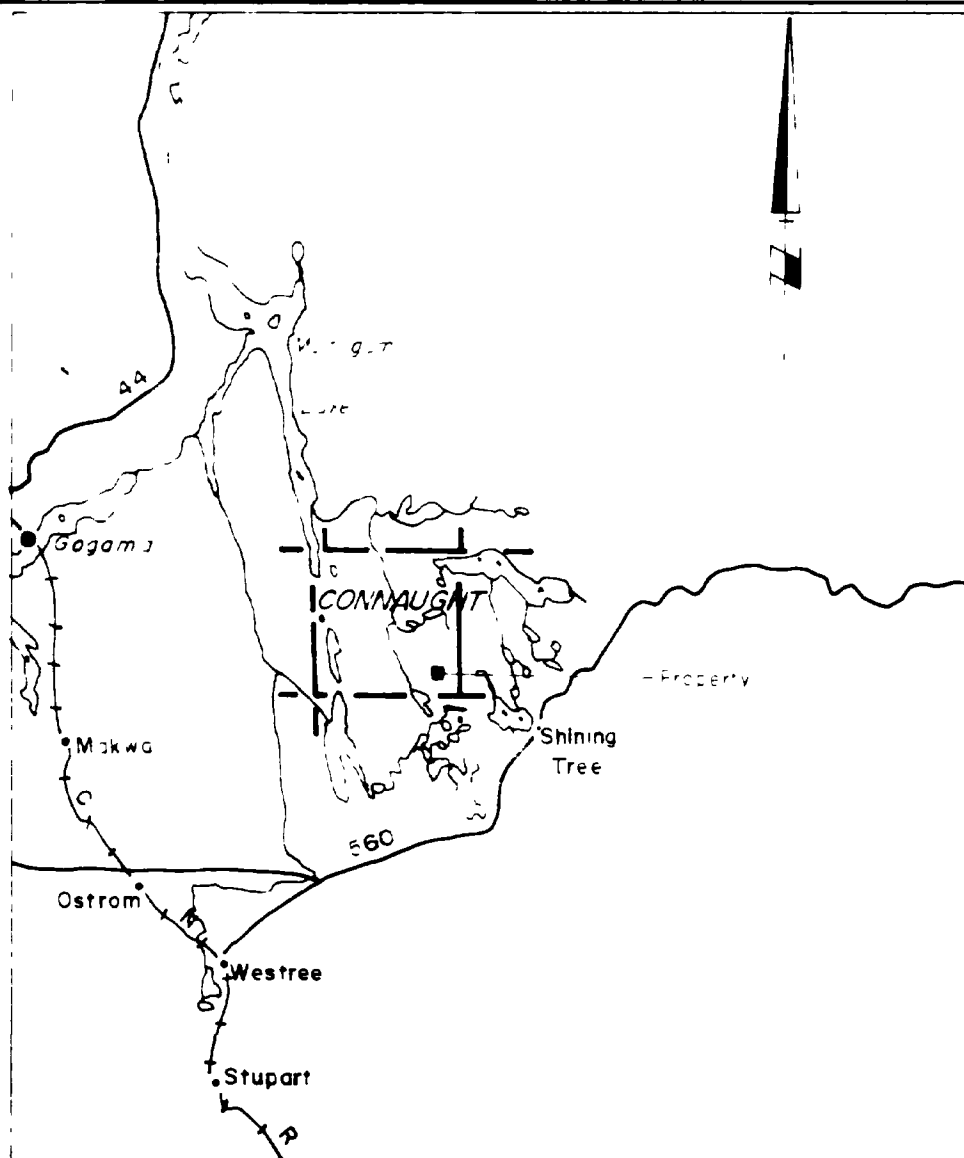


TEXASGULF INC.
 V L F SURVEY
 CONNAUGHT 16 EAST
 NTS:41-P-11 PROJ#988

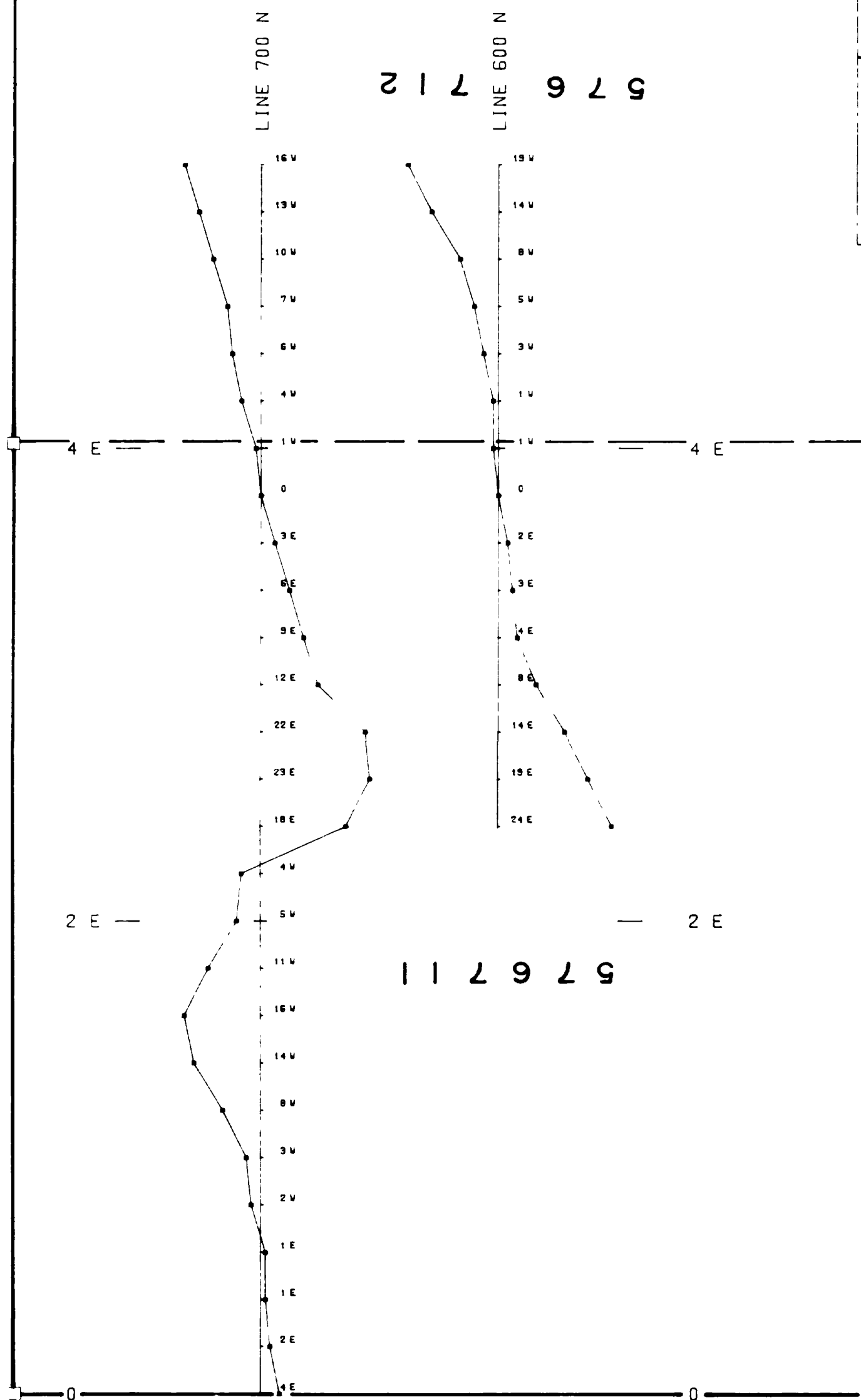
WORK BY	DATE
	1981 2.4.78

W.D. Lawrence





KEY MAP SCALE 1" = 8 miles



ASTRO

LEGEND

DIP ANGLE (DEGREES)

12 E

INSTRUMENT : CRONE RADEM
 STATION : ANNAPOLIS. 21.4 KHz
 PROFILE SCALE : DIP ANGLE 1 CM = 10°

← W DIPS E DIPS →



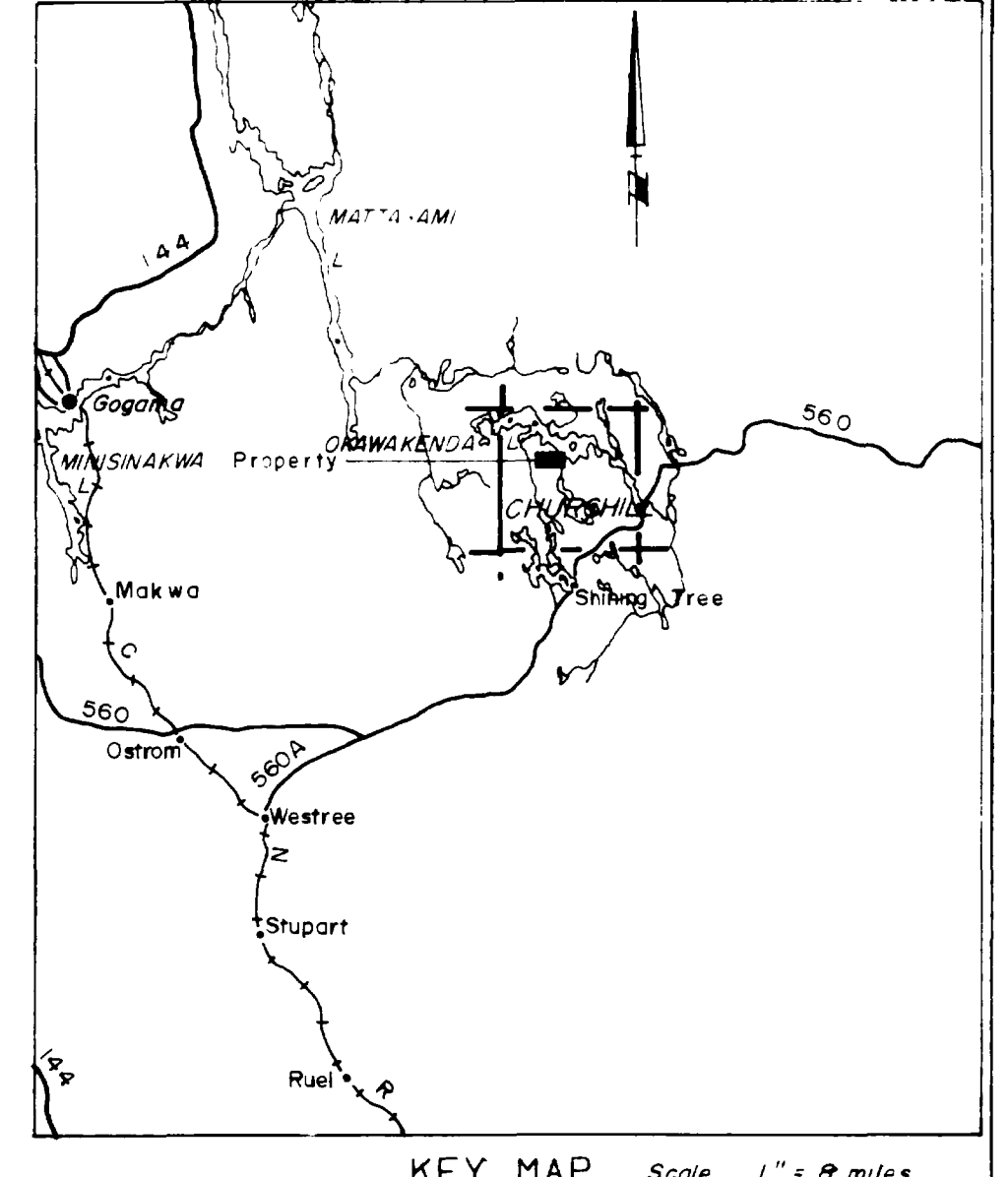
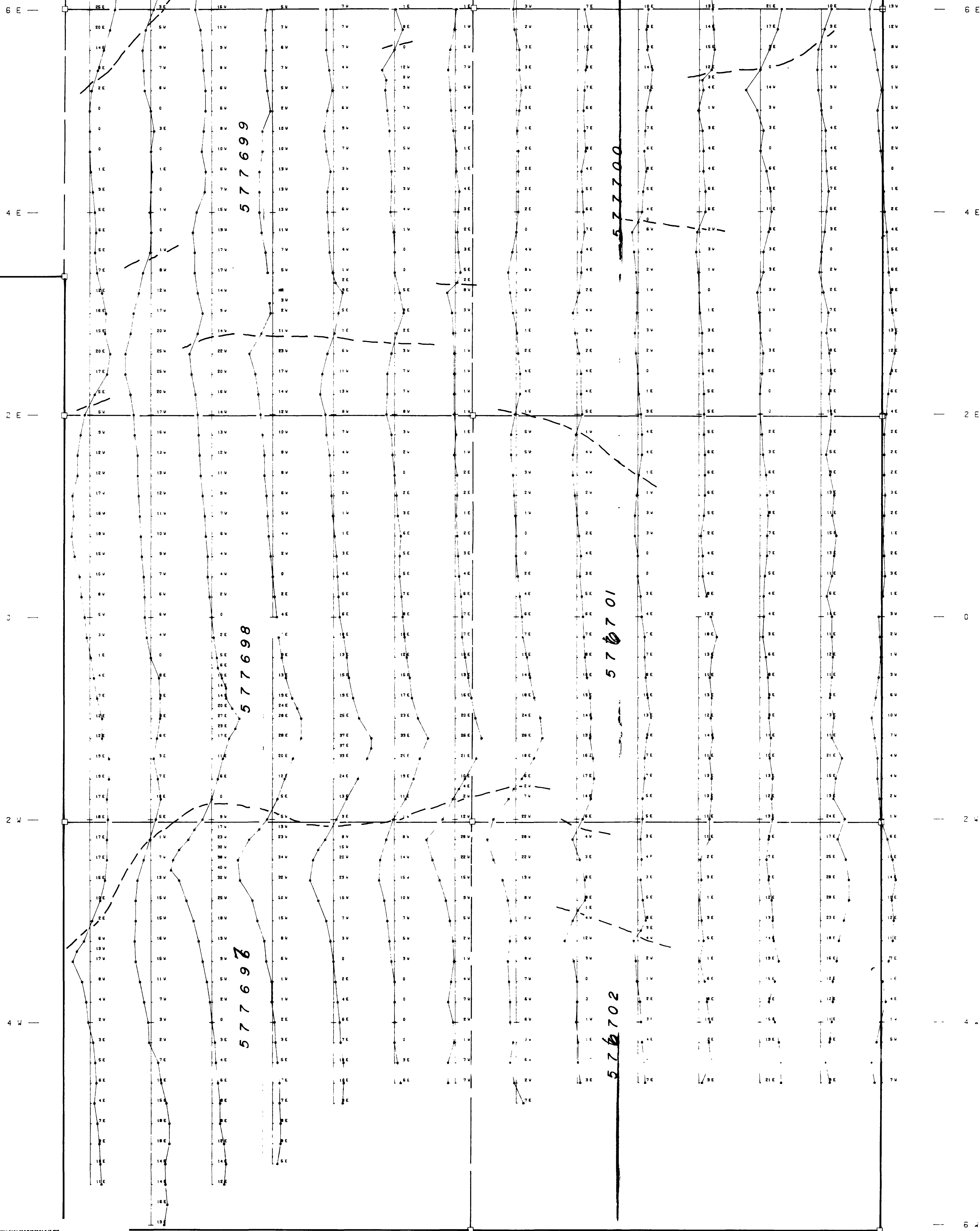
TEXASGULF INC.	
V L F SURVEY	
CONNAUGHT 26	
NTS: 41-P-11	PROJ#988
WORK BY	DATE
	1981



41P11NW0406 2.4178 CONNAUGHT

Will Gortney 24178

LINE 780 N
LINE 720 N
LINE 660 N
LINE 600 N
LINE 540 N
LINE 480 N
LINE 420 N
LINE 360 N
LINE 300 N
LINE 240 N
LINE 180 N
LINE 120 N
LINE 60 N
LINE 0



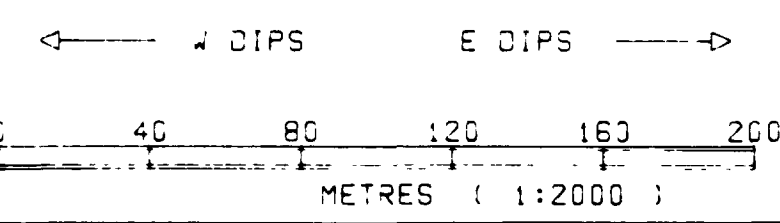
V L F PROFILES

LEGEND

1/4 ANGLE (DEGREES)

1/2 °

INSTRUMENT : CRONE RACEY
STATION : ANNAPOLIS, 21.4 MW



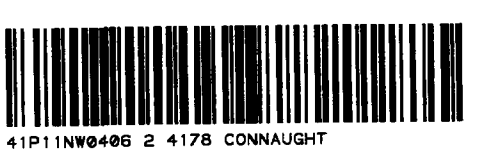
TEXASGULF CANADA LTD.

V L F SURVEY

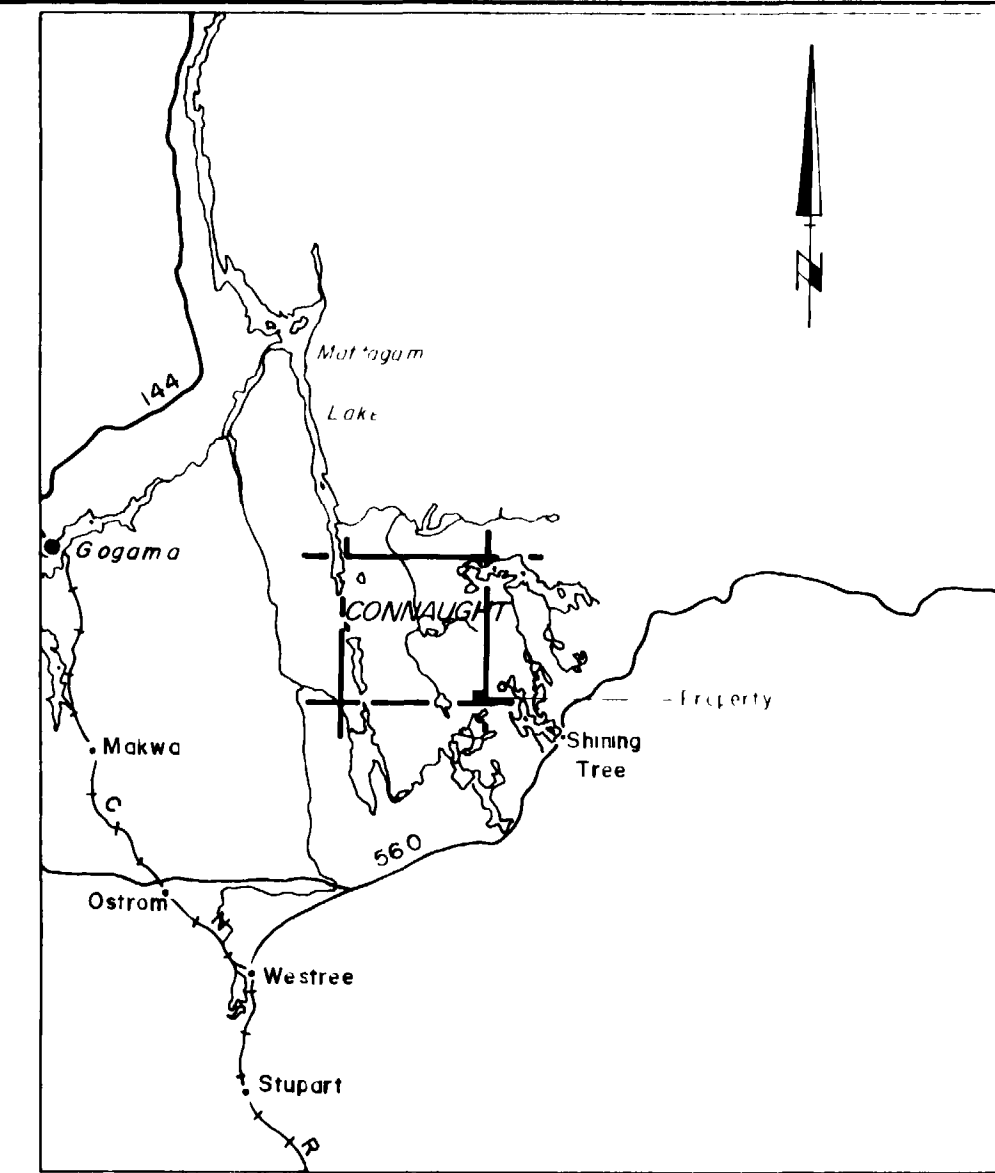
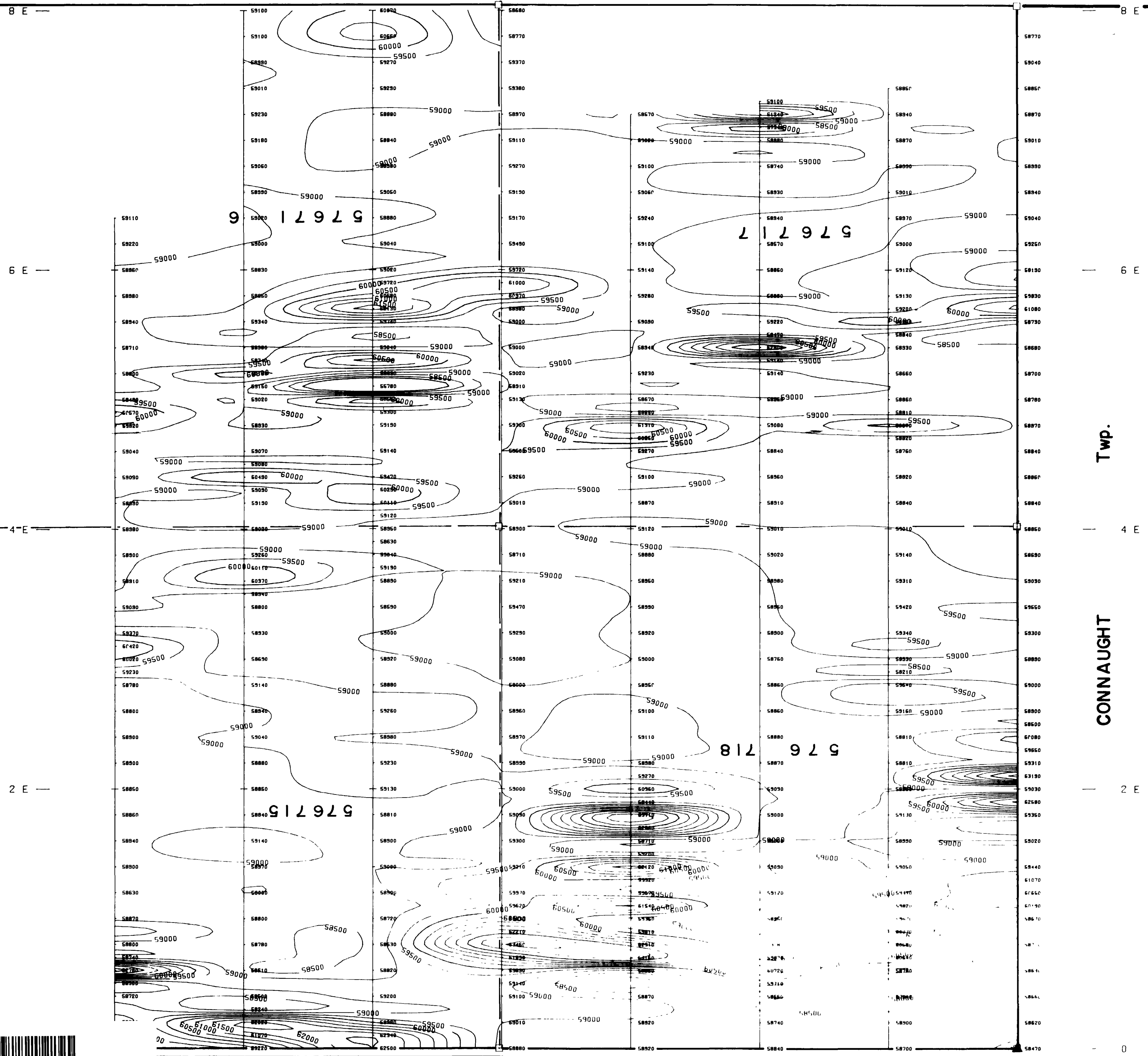
CHURCHILL 42
NTS:42-P-11

WORK BY: DATE: 1980

Neil Douglas 24178

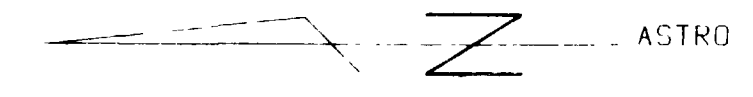


CHURCHILL Twp.
 LINE 700 N
 LINE 600 N
 LINE 500 N
 LINE 400 N
 LINE 300 N
 LINE 200 N
 LINE 100 N
 LINE 0



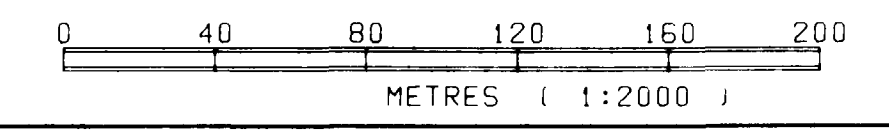
KEY MAP SCALE 1" = 8 miles

CONNAUGHT Twp.
 MIRAMICHI Twp.

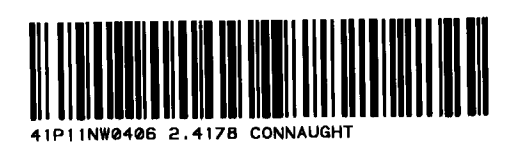


LEGEND

INSTRUMENT : GEOMETRICS G836
 TYPE : PROTON PRECESSION, TOTAL FIELD
 READINGS IN GAMMAS
 ▲ MAGNETIC BASE STATION

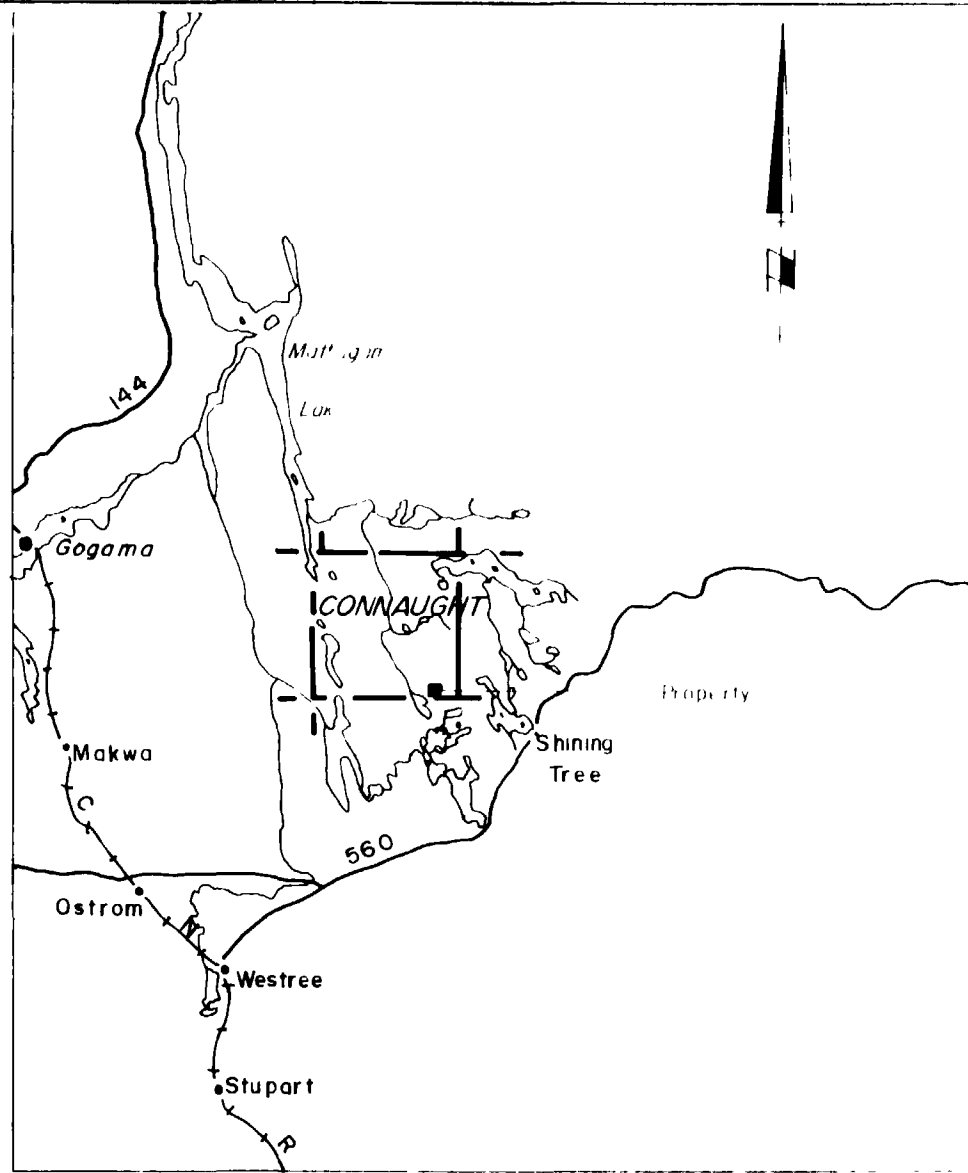
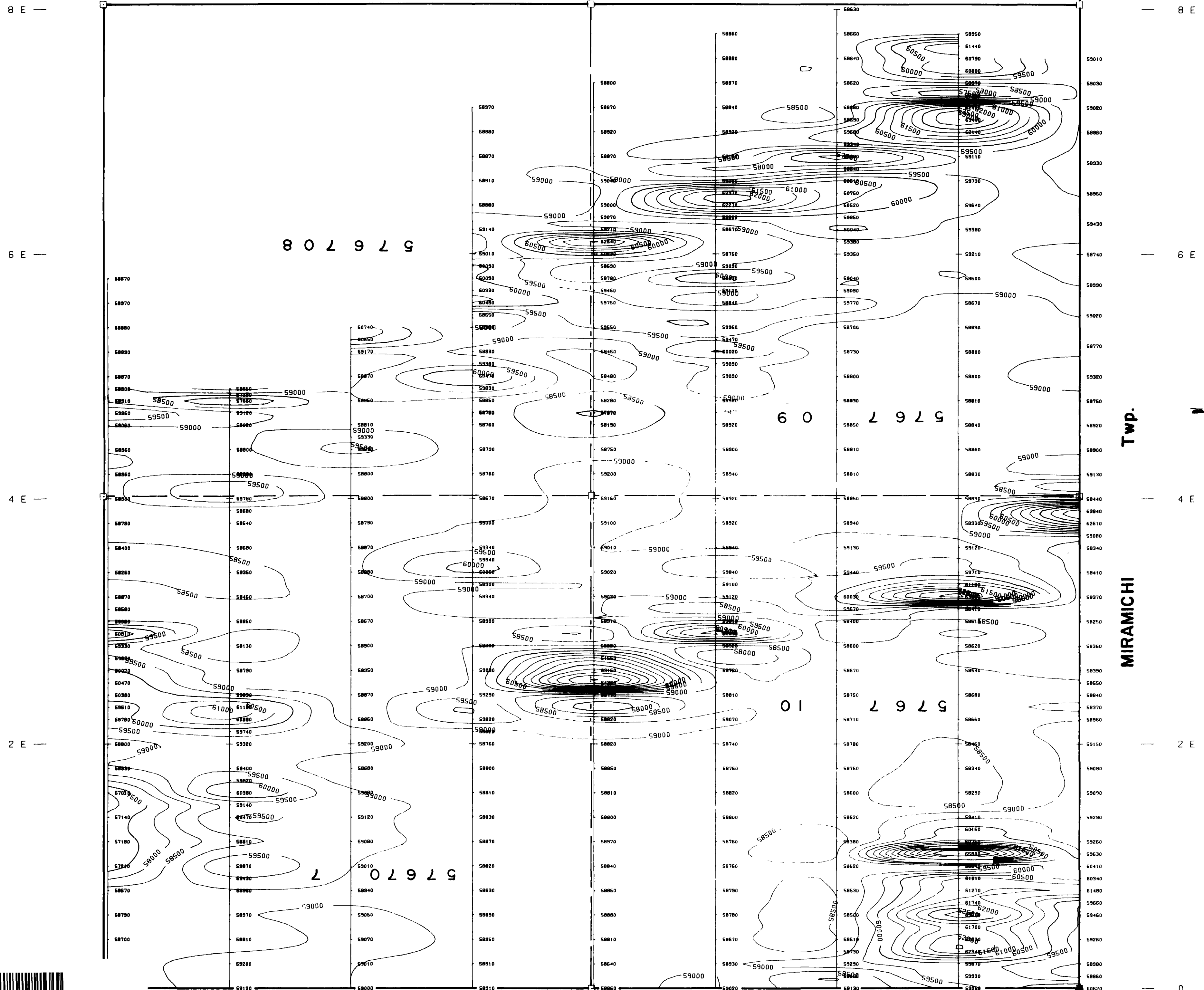


TEXASGULF CANADA LTD.
 MAGNETIC SURVEY
 CONNAUGHT 16 EAST
 NTS:41-P-11 PROJ #988
 WORK BY _____ DATE _____
 1981



Neil Gault 2.4.78

LINE 800 N
LINE 700 N
LINE 600 N
LINE 500 N
LINE 400 N
LINE 300 N
LINE 200 N
LINE 100 N
CONNAUGHT Twp.



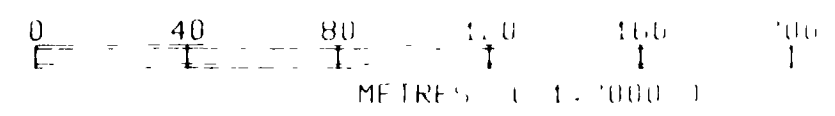
KEY MAP SCALE 1" = 8 miles

ASTRO

MIRAMICHI TWP.

LEGEND

INSTRUMENT : GEOMETRIS 6846
TYPE : PRUTON PRECESSION, TOTAL FIELD
READINGS IN GAMMAS
▲ MAGNETIC BASE STATION



TEXASGULF CANADA LTD.
MAGNETIC SURVEY
CONNAUGHT 16 WEST
NTS:41-P-11 PROJ #388
WORK BY: _____ DATE: 1981



Neil Bontemps 24178