



52F03NE0026 2.7284 NAPANEE LAKE

010

TECK EXPLORATIONS LIMITED

NORTH BAY, ONTARIO

ASSESSMENT REPORT

ON

WILDCAT PETROLEUM LTD. PROPERTY

NAPANEE LAKE AREA

LOWER MANITOU LAKE

RECEIVED

OCT 11 1984

MINING LANDS SECTION

by

T.N.J. Hughes

REPORT NO 938NB

N.T.S. 52 F/3

1984-08-28

INTRODUCTION

The Wildcat Petroleum Limited property is located in the Manitou Stretch area, approximately 46 miles south of the town of Dryden. The property consists of 38 contiguous claims (Fig. 2) recorded on September 9, 1983.

From January to March, 1984, a program of linecutting and VLF-EM and magnetometer surveys was conducted.

The results of the geophysical surveys are discussed and recommendations for further work are made in this report.

LOCATION AND ACCESS

The property is located around Napanee Lake, approximately one and one-quarter miles from the Manitou Stretch on Lower Manitou Lake. Access to Napanee Lake is by float plane. Fixed wing aircraft are available in both Dryden and Fort Frances.

PREVIOUS WORK

There is no record of previous work on the Wildcat Petroleum Limited property in Government reports or assessment files. Within four miles east of the property,

LOCATION MAP

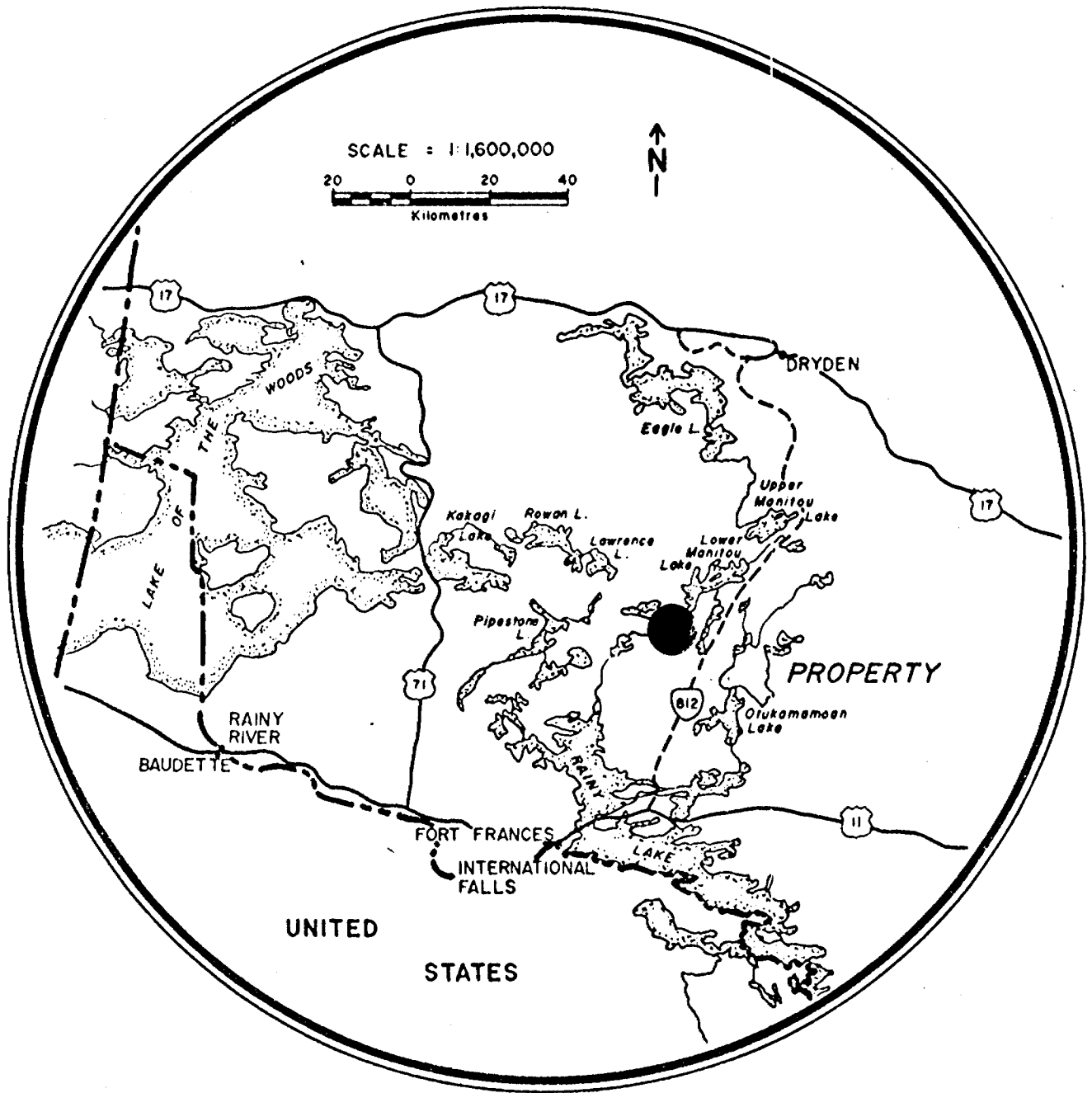
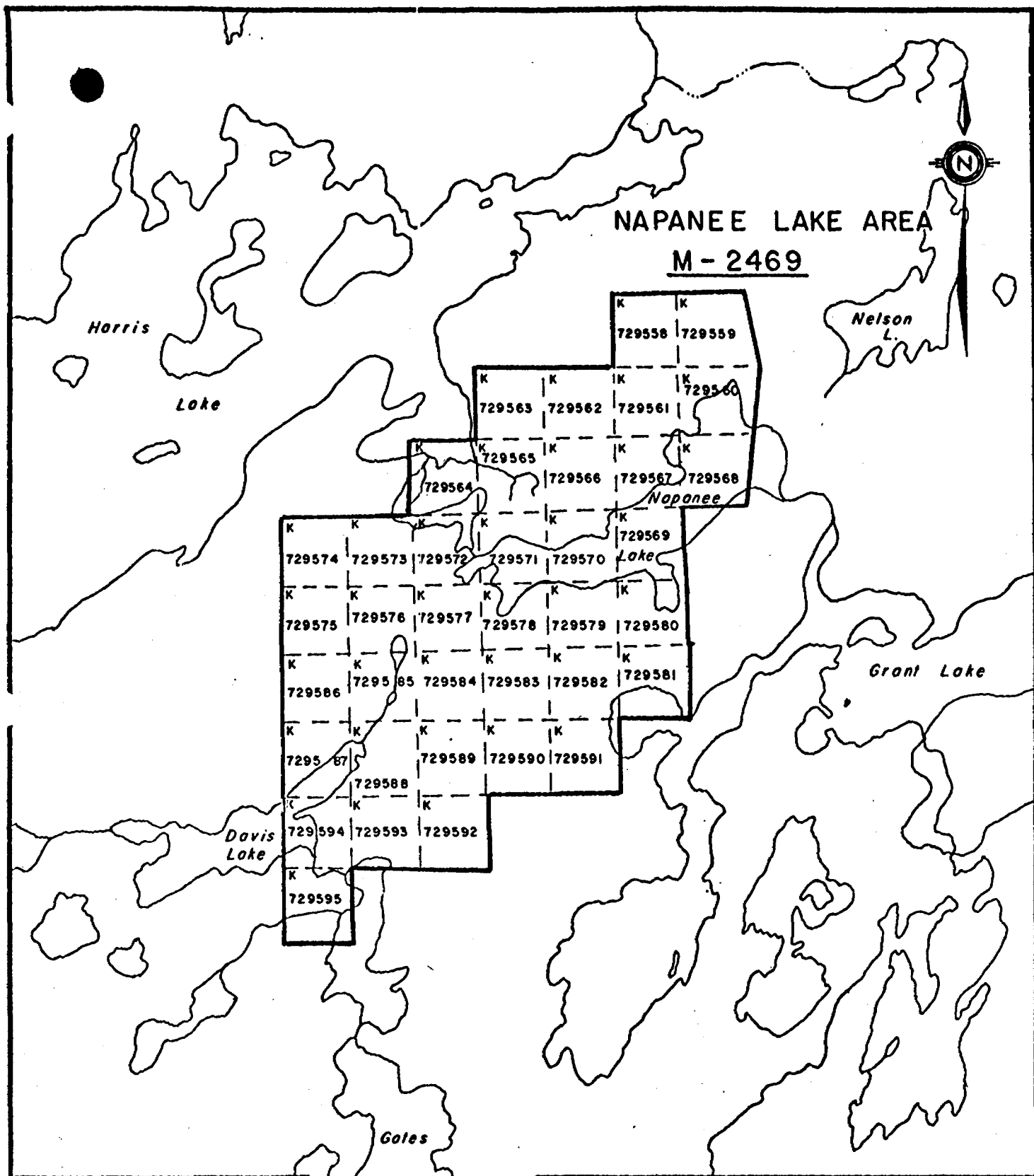


Figure 1



ABANDONED :		TECK EXPLORATIONS LIMITED		
DATE DUE :		CLAIM LOCATION		
TRANSFERRED :		PROPERTY : WILDCAT PETROLEUM LTD.		
RECORDED :		DATE '1983-12-16	N.T.S.' 52F/3	JOB' 1444
STAKED :		CLAIM MAP : M-2469		
STAKED BY :	REVISED DATE	SCALE : 1" = 2640'		

Figure 2

three gold showings occur. These (Gold Standard North and South and the Sairy Gamp), and other prospects in the area are described in a report previously submitted to Wildcat Petroleum Limited (Burton and Hodge, 1983).

TOPOGRAPHY AND VEGETATION

Approximately one-sixth of the claim block is underlain by water. The remainder is covered by a series of sharp ridges and thin swamp-filled valleys with a maximum relief of approximately 100 feet. Major vegetation consists of spruce, balsam, cedar, poplar and birch trees with alders present as undergrowth.

1984 EXPLORATION PROGRAM

Work Performed

Linecutting

A grid consisting of 2.81 miles of baseline and 32.05 miles of cross lines and tie lines was established. Cross lines were spaced at 400 foot intervals and were picketed at 100 foot intervals.

Geophysics

VLF-EM and magnetometer surveys were completed on all cross lines at 50 foot intervals. VLF-EM readings were taken with a Geonics EM-16 using the Cutler, Maine transmitter station. The results were Fraser filtered and plotted as raw data profiles and contoured filtered data.

Magnetic readings were taken with a Unimag II and were corrected for diurnal change using a base station located at Napanee Lake.

Results

Geophysics

A total of 89 VLF-EM conductors were located. 16 of these are possible bedrock conductors (W-01, W-06, W-07, W-14, W-16, W-17, W-20, W-25, W-26, W-27, W-32, W-34, W-38, W-41, E-21 and E-32) and the remaining 73 are caused by surficial or weak ionic conductivity.

32 of the conductors are located, partially or completely, in lakes, including two of the possible bedrock conductors (W-07 and W-14).

The magnetic data was contoured to aid in interpretation of the geological trends. Localized highs on the property indicate a strike direction of N40°E. With the exception of these localized highs, the magnetic pattern is relatively flat indicating very little geological change across the property.

CONCLUSIONS

VLF-EM and magnetic surveys revealed sixteen possible bedrock conductors and a few magnetically high lenses. The VLF-EM conductors may represent weak sulphide bodies or ionic conductors such as wet shear zones. Gold deposits in the area are associated with both of these.

The magnetically high lenses may represent magnetite or pyrrhotite-rich zones in the volcanics. As the Gaffney deposit is associated with a magnetite-rich zone, these lenses may be important.

RECOMMENDATIONS

As a first step in the 1984 Summer field program, it is recommended that the property be geologically mapped. In conjunction with this, the VLF-EM conductors and high

magnetic pods on land should be prospected and sampled if explained in bedrock.

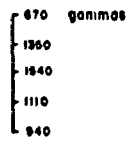
REFERENCES

A handwritten signature in black ink, appearing to be 'W.D.M.', located to the right of the 'REFERENCES' section.

Burton, G.B. and Hodge, H.J., 1983, Report on Manitou Straits Property, Manitou Lakes Area, District of Kenora, Ontario for Wildcat Petroleum Limited.

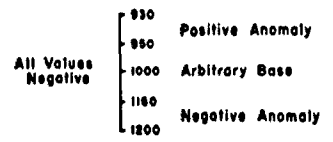
G E O P H Y S I C S L E G E N D

MAGNETOMETER SURVEY (MAG.)



INSTRUMENT :
Operator :

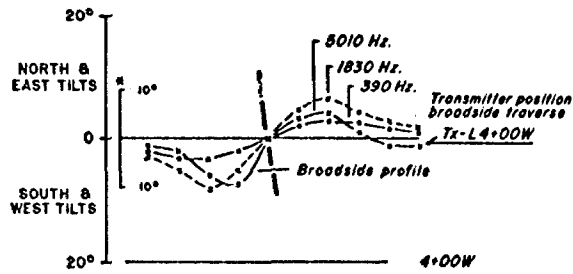
SELF-POTENTIAL SURVEY (S.P.)



INSTRUMENT :
Operator :

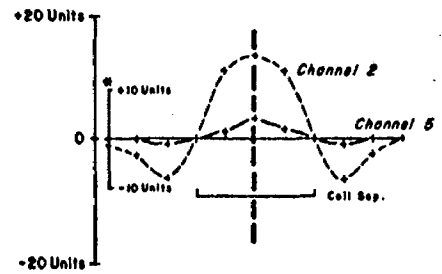
ELECTROMAGNETIC SURVEY

BROADSIDE



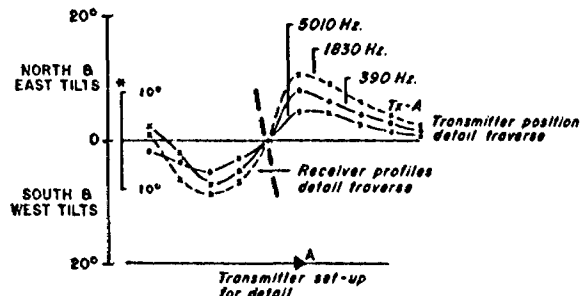
INSTRUMENT :
Operator :

P.E.M.



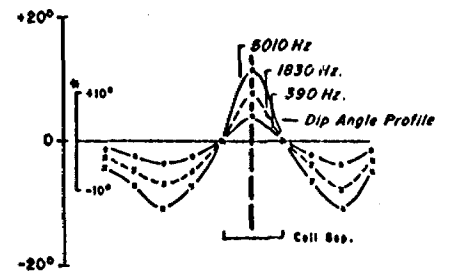
INSTRUMENT :
Operator :
Coil Sep. :
Frequency :

FIXED TRANSMITTER



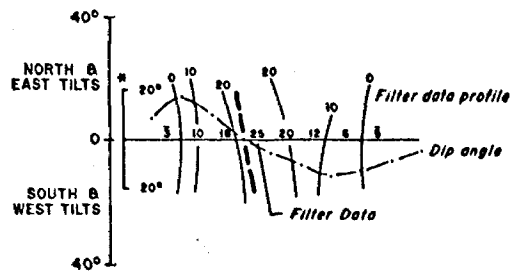
INSTRUMENT :
Operator :

SHOOTBACK (Horizontal & Co-Axial)



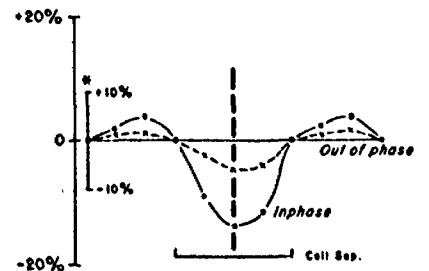
INSTRUMENT :
Operator :
Coil Sep. :

VERY LOW FREQUENCY (V.L.F.)



INSTRUMENT :
Operator :
Tx. Station :

MaxMin (H.E.M)



INSTRUMENT :
Operator :
Coil Sep. :

EM16

VLF Electromagnetic Unit

Pioneered and patented exclusively by Geonics Limited, the VLF method of electromagnetic surveying has been proven to be a major advance in exploration geophysical instrumentation.

Since the beginning of 1965 a large number of mining companies have found the EM16 system to meet the need for a simple, light and effective exploration tool for mining geophysics.

The VLF method uses the military and time standard VLF transmissions as primary field. Only a receiver is then used to measure the secondary fields radiating from the local conductive targets. This allows a very light, one-man instrument to do the job. Because of the almost uniform primary field, good response from deeper targets is obtained. The EM16 system provides the in-phase and quadrature components of the secondary field with the polarities indicated. Interpretation technique has been highly developed particularly to differentiate deeper targets from the wealth of surface indications.

PRINCIPLE OF OPERATION

The VLF transmitters have vertical antennas. The magnetic signal component is then horizontal and concentric around the transmitter station.



Specifications

Source of primary field:	VLF transmitting stations.	Readability:	$\pm 1\%$.
Transmitting stations used:	Any desired station frequency supplied with the instrument in the form of plug-in tuning units. Two tuning units can be plugged in at one time. A switch selects either station.	Reading time:	10 – 40 seconds depending on signal strength.
Operating frequency range:	About 15 – 25 kHz.	Operating temperature range:	- 40 to 50° C.
Parameters measured:	(1) The vertical in-phase component (tangent of the tilt angle of the polarization ellipsoid). (2) The vertical out-of-phase (quadrature) component (the short axis of the polarization ellipsoid compared to the long axis).	Operating controls:	ON-OFF switch, battery testing push button and meter, station selector switch, volume control, quadrature dial $\pm 40\%$, inclinometer dial $\pm 150\%$.
Method of reading:	In-phase from a mechanical inclinometer; out-of-phase from a calibrated dial. Nulling by audio tone.	Power Supply:	6 size AA (penlight) alkaline cells. Life about 200 hours.
Scale range:	In-phase $\pm 150\%$; Out-of-phase $\pm 40\%$.	Dimensions:	16 x 5.5 x 3.5 in (42 x 14 x 9 cm).
		Weight:	2.5 lbs (1.1 kg).
		Instrument supplied with:	Monotonic speaker, carrying case, manual of operation, 3 station selector plug-in tuning units (additional frequencies are optional), set of batteries.
		Shipping weight:	10 lbs (4.5 kg).

GeoMetrics



**\$1500 — complete system
ready for field operation**

UniMag™ PROTON MAGNETOMETER MODEL G-836

Data Sheet
March 1975

★ **Totally self-contained including sensor and batteries — no staff — no cables — no connectors — nothing else to carry.**

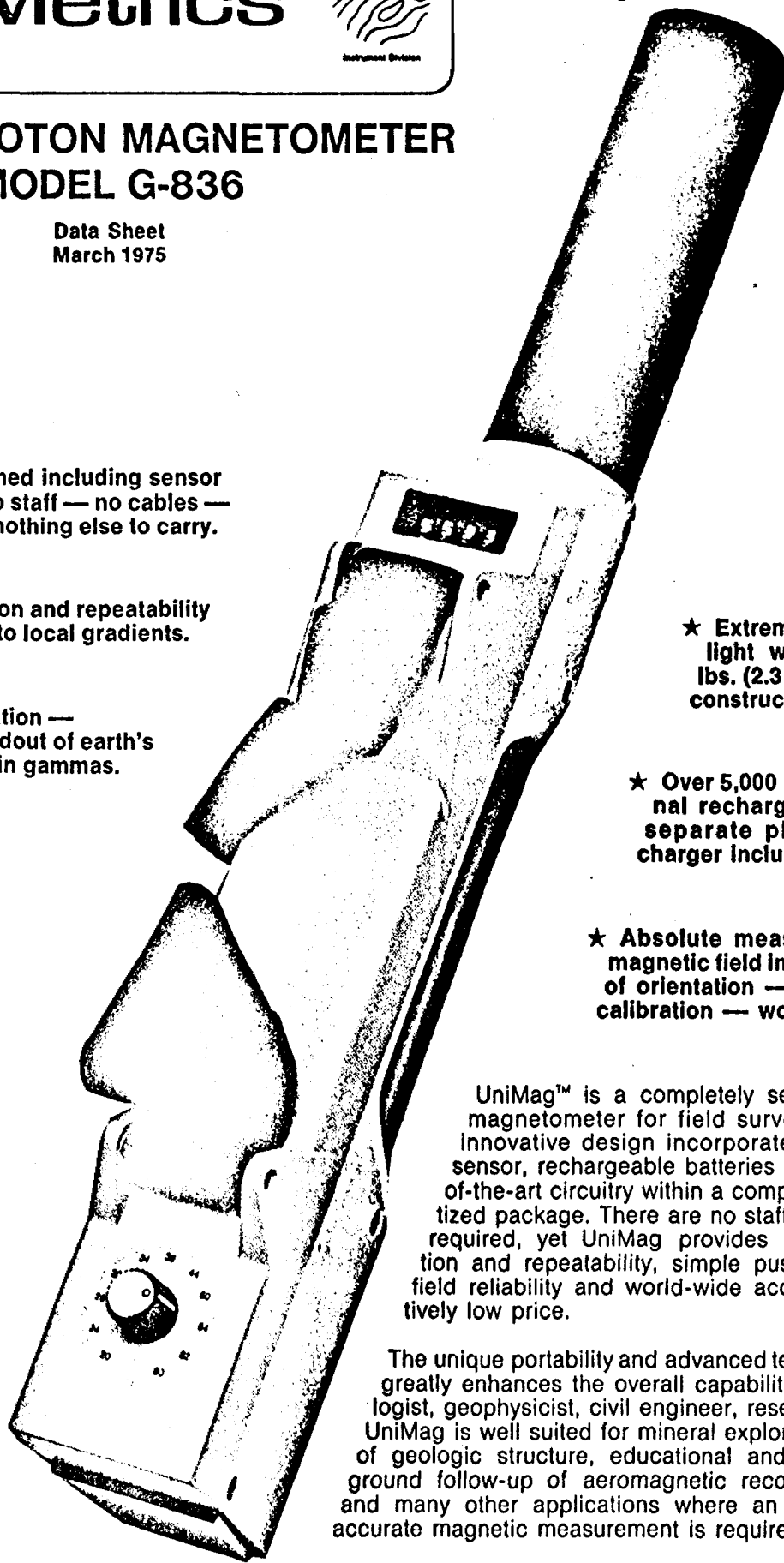
★ **10 gamma resolution and repeatability — High tolerance to local gradients.**

★ **Push-button operation — visual numeric readout of earth's total field directly in gammas.**

★ **Extremely small size and light weight: less than 5 lbs. (2.3 kg) rugged unitized construction.**

★ **Over 5,000 readings from internal rechargeable batteries — separate plug-in AC battery charger included.**

★ **Absolute measurements of total magnetic field intensity independent of orientation — no leveling — no calibration — world-wide operation.**



UniMag™ is a completely self-contained proton magnetometer for field survey applications. Its innovative design incorporates a new high-gain sensor, rechargeable batteries and the latest-state-of-the-art circuitry within a compact, hand-held, unitized package. There are no staffs or external cables required, yet UniMag provides ten gamma resolution and repeatability, simple push-button operation, field reliability and world-wide accuracy at an attractively low price.

The unique portability and advanced technology of UniMag greatly enhances the overall capabilities of the field geologist, geophysicist, civil engineer, researcher and student. UniMag is well suited for mineral exploration, determination of geologic structure, educational and research projects, ground follow-up of aeromagnetic reconnaissance surveys and many other applications where an uncomplicated, yet accurate magnetic measurement is required.

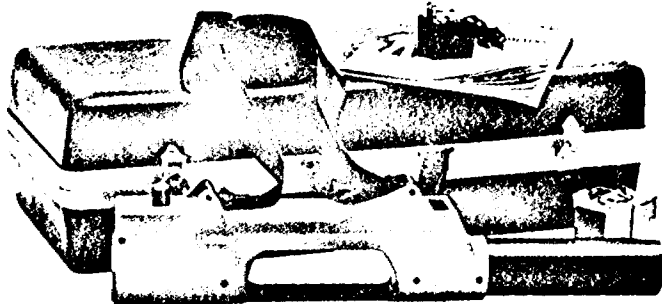
For other ground and recording base station magnetometers, consider GeoMetrics Models G-816 and G-826A.

SINGLE HANDED PUSH-BUTTON OPERATION



UniMag™ is the smallest, complete proton magnetometer ever developed; the only one that is entirely self-contained and features one handed operation. The operator simply holds UniMag in a comfortable survey position (no leveling is required) and pushes a button—a total field measurement is digitally displayed that is always accurate to ten gammas, regardless of operator experience. When not in use, UniMag can be carried from an adjustable shoulder strap, or stored in the padded attaché case.

Based upon the principle of nuclear precession, UniMag provides absolute drift-free measurements of the total field directly in gammas (the proton precession method is the officially recognized standard for measurement of the earth's magnetic field). Operation is worldwide with the same resolution maintained throughout the operating range. There is no temperature drift, no set-up or leveling required, and no adjustment for orientation, field polarity or arbitrary reference levels. Only the proton magnetometer offers such reliability of measurement — only UniMag offers such field convenience, unitized packaging, small size, light weight and low price.



COMPLETE FIELD MAGNETOMETER SYSTEM

UniMag comes complete, ready for portable field survey operation, and consists of:

1. Self-contained electronics console including sensor and internal rechargeable battery pack.
2. AC battery charger.
3. Adjustable carrying strap.
4. Spare rechargeable battery pack.
5. Operator's manual, 64-page *Applications Manual for Portable Magnetometers*, and padded attaché case.

SPECIFICATIONS

Resolution:	10 gamma throughout tuning range
Tuning Range:	20,000 to 100,000 gammas (world-wide)
Tuning Mechanism:	Recessed multi-position switch with twenty-five overlapping steps
Sampling Rate:	Manual pushbutton, new reading every 4 seconds
Output:	4 digit, illuminated display directly in gammas—clearly visible even in direct sunlight
Power Requirements:	12V DC, 500 ma average
Power Source:	Two internally mounted and replaceable 6 volt, 1 amp/hr non-spill gelled electrolyte batteries (Spare batteries included)
Low Voltage Indicator:	Readout display flashes an early warning to indicate battery replacement or recharging is necessary
AC Battery Charger:	Input: 115/220V, 50/60 Hz AC Output: 14V DC
Total Readings:	5,000 readings between recharging
Temperature Range:	-40° to +60°C

NOTE: Battery capacity decreases with low temperature operation

Accuracy (Total Field):	10-gamma through -20° to +60°C temperature range						
Sensor:	Noise cancelling, high signal						
Size:	21½" l. x 3" w. x 5" h. (54 x 6.8 x 12.7 cm)						
Component Weights:	<table> <tr> <td></td> <td>lbs.</td> <td>kgs.</td> </tr> <tr> <td>UniMag™ Magnetometer (w/sensor and battery pack)</td> <td>4.5</td> <td>2.0</td> </tr> </table>		lbs.	kgs.	UniMag™ Magnetometer (w/sensor and battery pack)	4.5	2.0
	lbs.	kgs.					
UniMag™ Magnetometer (w/sensor and battery pack)	4.5	2.0					
Price:	\$1500 Complete (F.O.B. factory)						
Optional Accessories:	Battery belt for cold weather operation Spare battery packs Battery charger from 12V DC source (Prices available upon request)						

geoMetrics

395 JAVA DRIVE
SUNNYVALE, CA 94086 U.S.A.
(408) 734-4616
CABLE "GEOMETRICS" SUNNYVALE
TELEX NO: 357-435

**GEOMETRICS
INTERNATIONAL CORP**
80 ALFRED ST. MILSON'S POINT
SYDNEY NSW 2061 PHONE: 929-9942

Exploranium

DIVISION OF GEOMETRICS SERVICES (CANADA) LTD

436 LIMESTONE CRESCENT
DOWNSVIEW (TORONTO),
ONTARIO, CANADA
TELEPHONE: (416) 661-1966
TELEX NO: 06-22694

WORLD-WIDE

AGENTS: EUROPE • SCANDINAVIA • AUSTRALIA • UNITED KINGDOM • JAPAN • SO. AFRICA • SO. AMERICA



52F03NE0026 2.7284 NAPANEE LAKE

101-84-164

W8401-164

Ed
st.
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ed
ne.

Type of Survey(s)
Geophysical (EM & MAG)

Claim Holder(s)
R. J. Wright

Inspector's Licence No.
A38823

Address
P.O. Box 10, 1 First Canadian Place, Toronto, Ontario, M5X 1A2

Survey Company
Teck Explorations Limited

Date of Survey (from & to)
10 01 84 15 03 84
Day Mo. Yr. Day Mo. Yr.

Total Miles of line Cut
34.9

Name and Address of Author (of Geo-Technical report)
K. Thorsen, 2189 Algonquin Avenue, North Bay, Ontario, P1B 4Z3

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	40
	- Magnetometer	20
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
K	729558		K	729581	
	729559			729582	
	729560			729583	
	729561			729584	
	729562			729585	
	729563			729586	
	729564			729587	
	729565			729588	
	729566			729589	
	729567			729590	
	729568			729591	
	729569			729592	
	729570			729593	
	729571			729594	
	729572			729595	
	729573				
	729574				
	729575				
	729576				
	729577				
	729578				
	729579				
	729580				

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures ÷ 15 = Total Days Credits

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

→ **K729213**

Total number of mining claims covered by this report of work. **38**

For Office Use Only

Total Days Cr. Recorded **2780**

Date Recorded **July 25, 1984**

Date Approved as Recorded **See Revised Statement**

Mining Recorder **McLemay / Acting**

Branch Director

Date **July 20, 1984**

Recorded Holder or Agent (Signature) *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
K. Thorsen, 2189 Algonquin Avenue, North Bay, Ontario, P1B 4Z3

Date Certified **July 20, 1984**

Certified by (Signature) *[Signature]*

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 3150 Mag, 3195 VLF Number of Readings 3150 Mag, 6390 VLF
Station interval 50 ft, 100 ft Line spacing 400 ft
Profile scale 1" = 50'
Contour interval 100 gammas, 10 Fraser Units

MAGNETIC

Instrument Unimag II
Accuracy - Scale constant ±10 gammas
Diurnal correction method Base Station
Base Station check-in interval (hours) 24 hrs
Base Station location and value Manitou Island

ELECTROMAGNETIC

Instrument VLF EM-16
Coil configuration Vertical and horizontal
Coil separation -
Accuracy ±1%
Method: [X] Fixed transmitter [] Shoot back [] In line [] Parallel line
Frequency 17.8 kHz, Cutler, Maine (specify V.L.F. station)
Parameters measured Vertical In-Phase, vertical quadrature

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 _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(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 _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

Values expressed in: per cent
 p. p. m.
 p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

1984 11 08

Your File: 164-84-16
Our File: 2.7284

Mining Recorder
Ministry of Natural Resources
808 Robertson Street
Box 5080
Kenora, Ontario
P9N 3X9

Dear Sir:

RE: Notice of Intent dated October 22, 1984.
Geophysical (Electromagnetic & Magnetometer)
Survey on Mining Claims K 729558 et al in
the Area of Napanee Lake.

The assessment work credits, as listed with the
above-mentioned Notice of Intent, have been approved
as of the above date.

Please inform the recorded holder of these mining
claims and so indicate on your records.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-6918

S. Hurst:sc

cc: R.J. Wright
P.O. Box 10
1 First Canadian Place
Toronto, Ontario
M5X 1A2

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

cc: K. Thorsen
2189 Algonquin Avenue
North Bay, Ontario
P1B 4Z3

Resident Geologist
Kenora, Ontario

**Technical Assessment
Work Credits**

File
2.7284

Date
1984 10 22

Mining Recorder's Report of
Work No. 164-84-16

Recorded Holder
R.J. WRIGHT

Township or Area
NAPANEE LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ 40 days Magnetometer _____ 20 days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	K 729558 to 562 inclusive 729565 to 891 inclusive 729593-94-95

Special credits under section 77 (16) for the following mining claims

<u>30 DAYS ELECTROMAGNETIC</u> <u>15 DAYS MAGNETOMETER</u> K 729564	<u>20 DAYS ELECTROMAGNETIC</u> <u>10 DAYS MAGNETOMETER</u> K 729563-92
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No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77 (19)—60:



NOV
~~NOV~~ 6/84

1984 10 22

Your File: 164-84-16
Our File: 2.7284

Mining Recorder
Ministry of Natural Resources
808 Robertson Street
Box 5080
Kenora, Ontario
P9N 3X9

Dear Madam:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. R.J. Pichette at 416/965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3

12 S. Hurst:mc

Encls.

cc: R.J. Wright
P.O. Box 10
1 First Canadian Place
Toronto, Ontario
M5X 1A2

cc: K. Thorsen
2189 Algonquin Avenue
North Bay, Ontario
P1B 4Z3

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario



Ministry of
Natural
Resources

Notice of Intent
for Technical Reports

1984 10 22

2.7284/164-84-16

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.



Nov. 84

The Mining Act

In the matter of mining claims:

- K 750971 to 89 incl
- 750990 to 751000 incl
- 759732 to 36 incl
- 729596 to 600 incl
- 729801 to 37 incl
- 729558 to 95 incl
- 729774 to 77 incl
- 729779 to 800 incl
- 754501 to 07 incl
- 729744 to 73 incl

in the Areas of Barker Bay, Napanee Lake and
Harper Lake.

On consideration of an application from the recorded holder, R.J. Wright
 under Section 77 Subsection 22 of The Mining Act, I hereby order that the time for filing reports and plans in support of
Geophysical (Electromagnetic & Magnetometer) assessment work recorded on July 25, 19 84
 be extended until and including November 9, 19 84.

1984.10.09

Date

Signature of Director, Land Management Branch

Copies: Teck Explorations Limited
 2189 Algonquin Avenue
 North Bay, Ontario
 P1B 4Z3

Mining Recorder
 Ministry of Natural Resources
 808 Robertson Street
 Box 5080
 Kenora, Ontario
 P9N 3X9

h

Mining Lands Section

File No 2.7284

Control Sheet

TYPE OF SURVEY GEOPHYSICAL
 GEOLOGICAL
 GEOCHEMICAL
 EXPENDITURE

MINING LANDS COMMENTS:

Lpd. L.D.

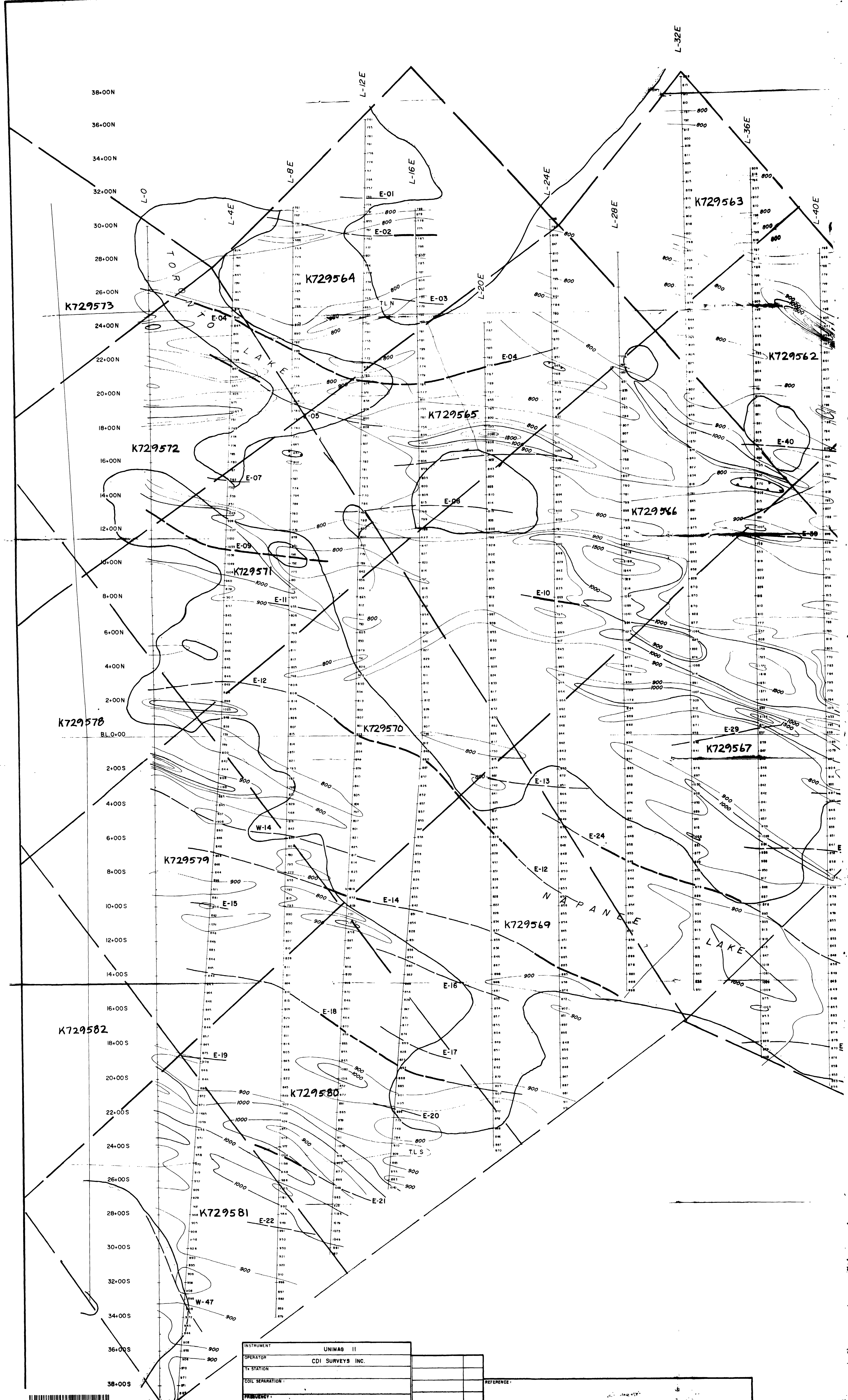
Hurst
Signature of Assessor

84-10-11
Date

2.7284

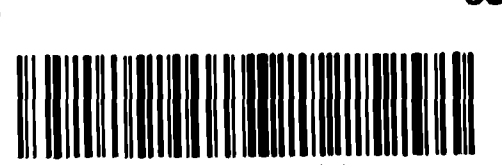
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61	✓	✓		83	✓	✓			
62	✓	✓		84	✓	✓			
63	1/2	1/2		85	✓	✓			
64	1/4	1/4		86	✓	✓			
65	✓	✓		87	✓	✓			
66	✓	✓		88	✓	✓			
67	✓	✓		89	✓	✓			
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69	✓	✓		91	✓	✓			
70	✓	✓		92	1/2	1/2			
71	✓	✓		93	✓	✓			
72	✓	✓		94	✓	✓			
73	✓	✓		95	✓	✓			
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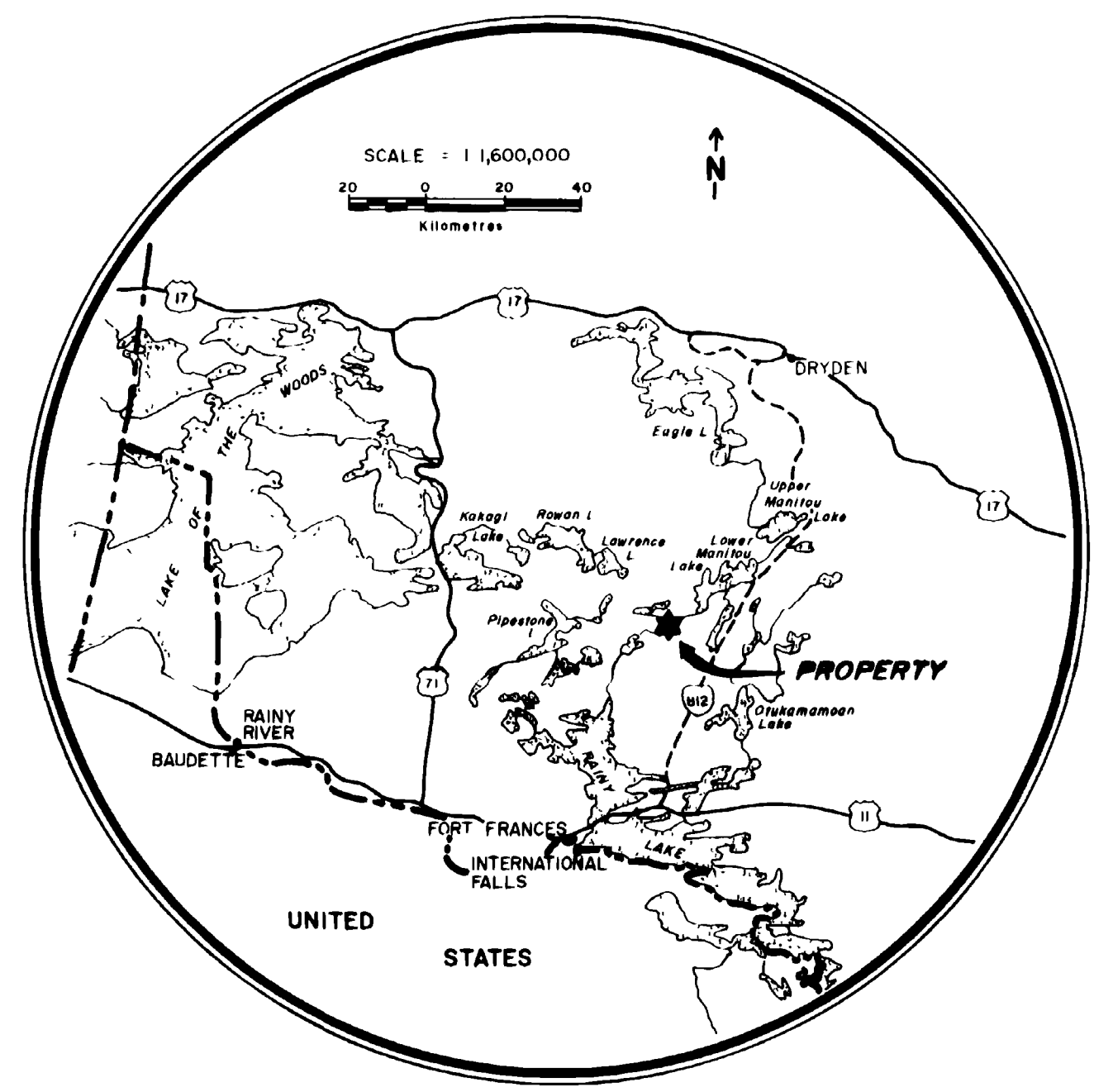
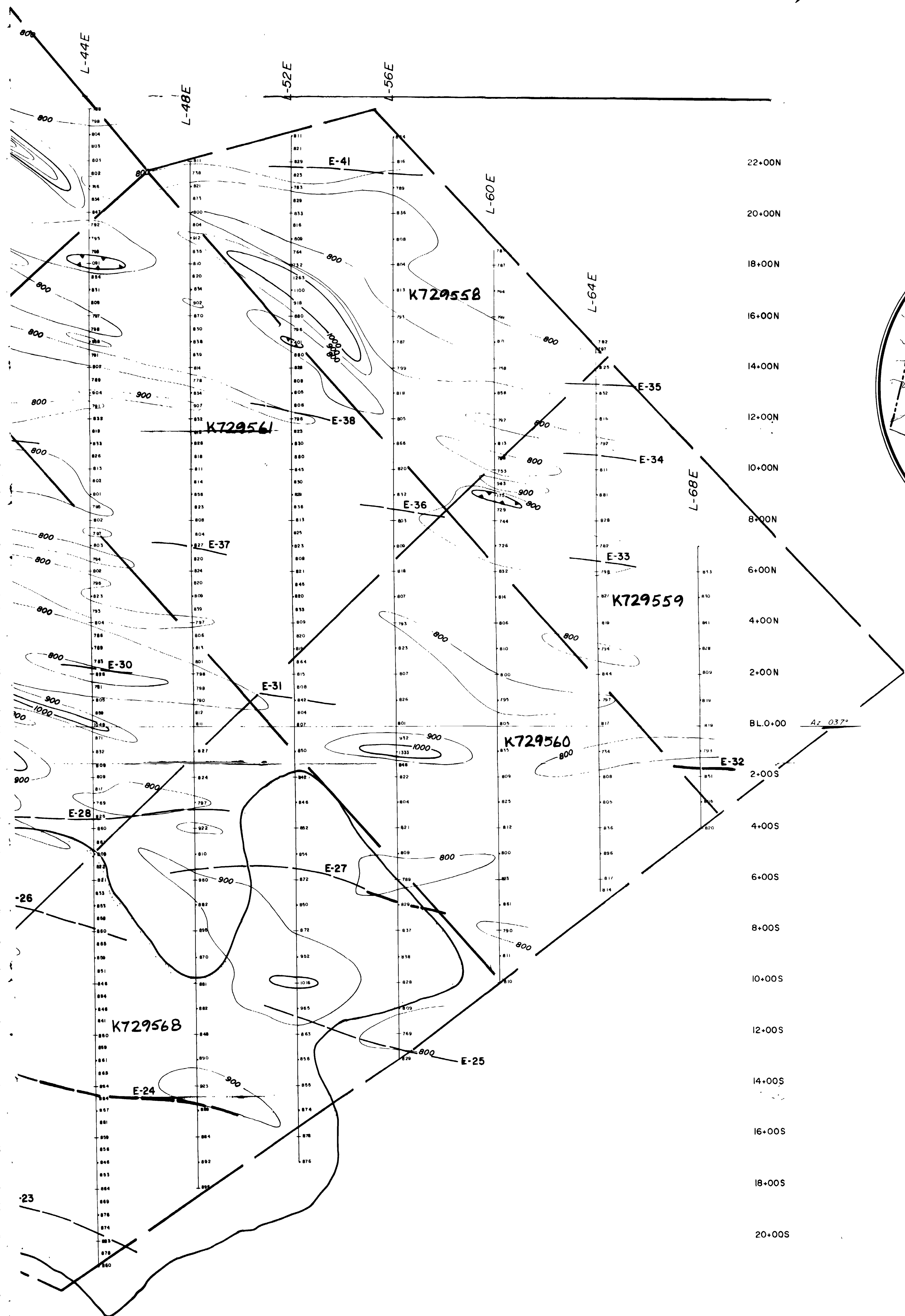
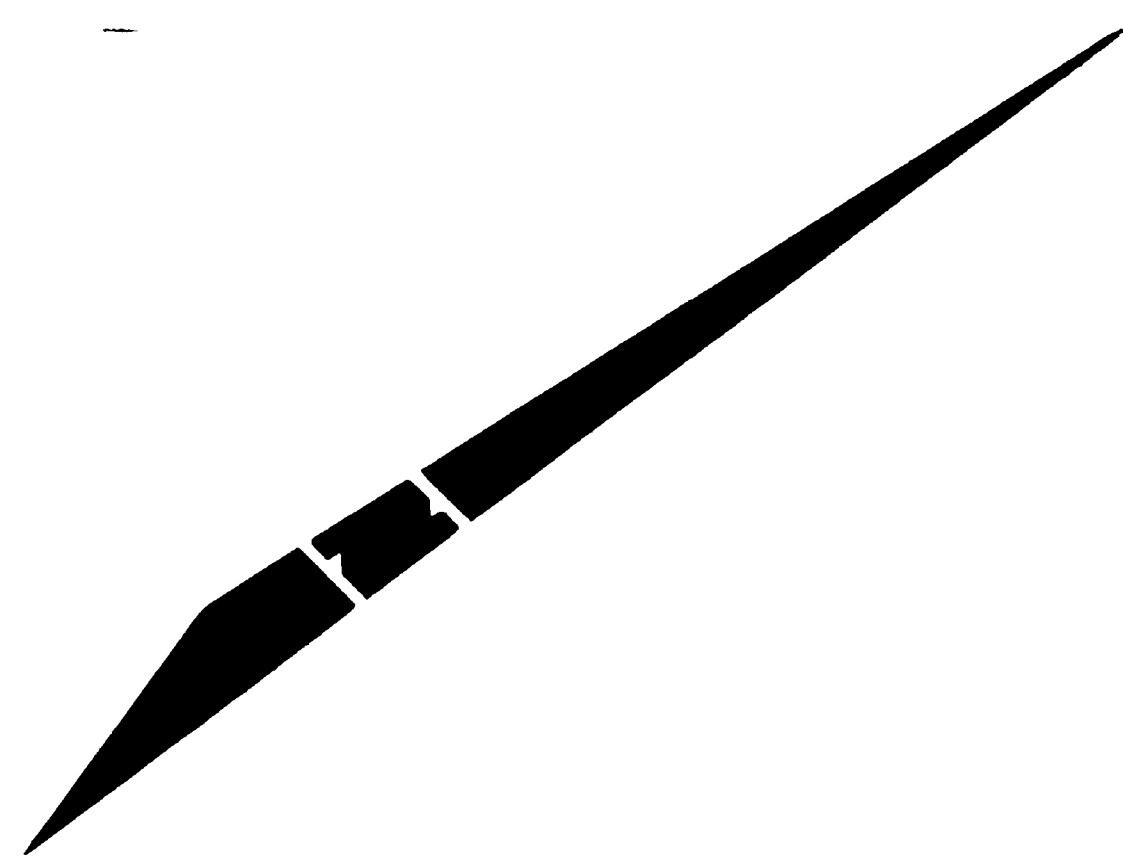
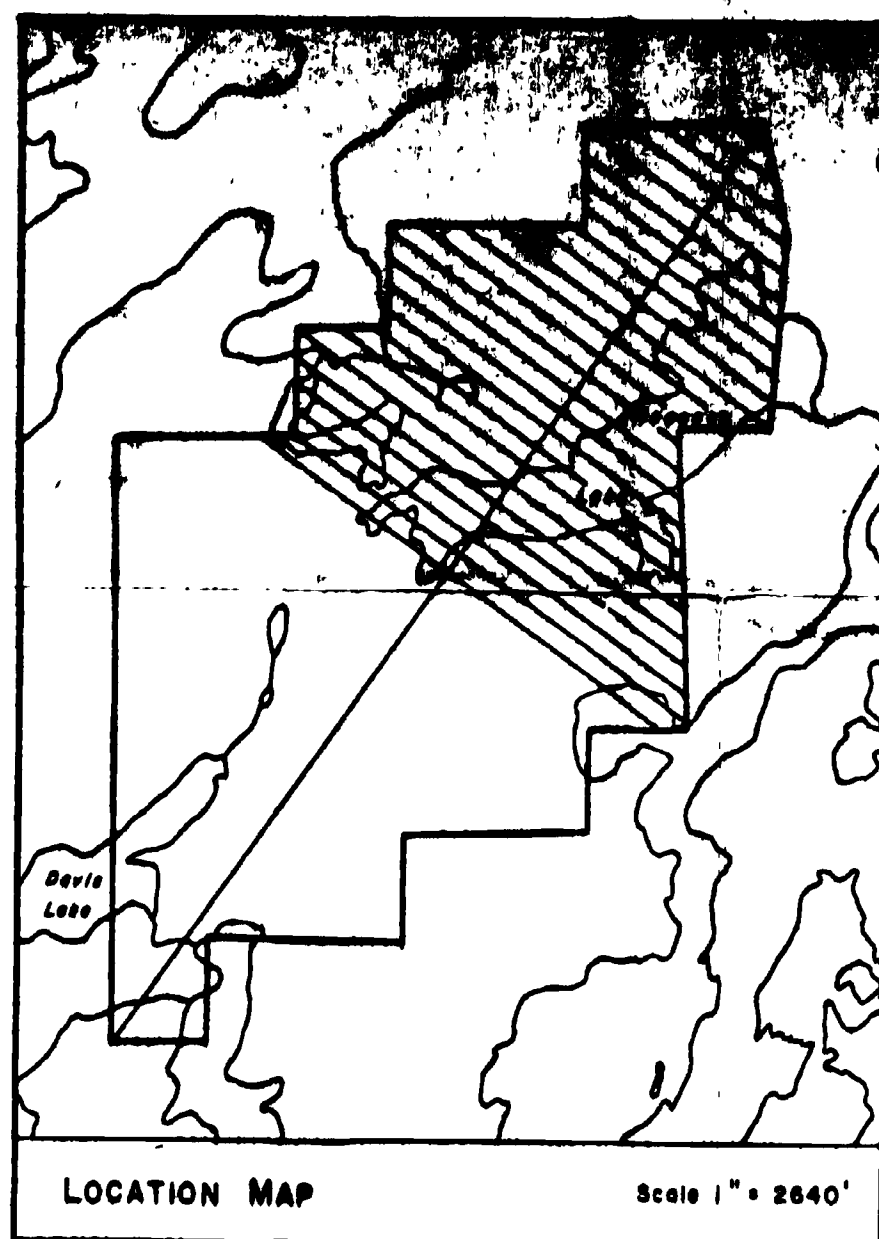
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INSTRUMENT	UNIMAG II
OPERATOR	CDI SURVEYS INC.
Tx STATION	
COIL SEPARATION	
FREQUENCY	

REFERENCE	
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LEGEND

- LESS THAN BACKGROUND
- 800
- 900
- 1000
- 1500
- 2000
- 3000
- 4000
- LAKE
- RIVER
- CONDUCTOR AXIS

Teck Explorations Limited

WILDCAT PETROLEUM LTD.
NAPANEE LAKE AREA

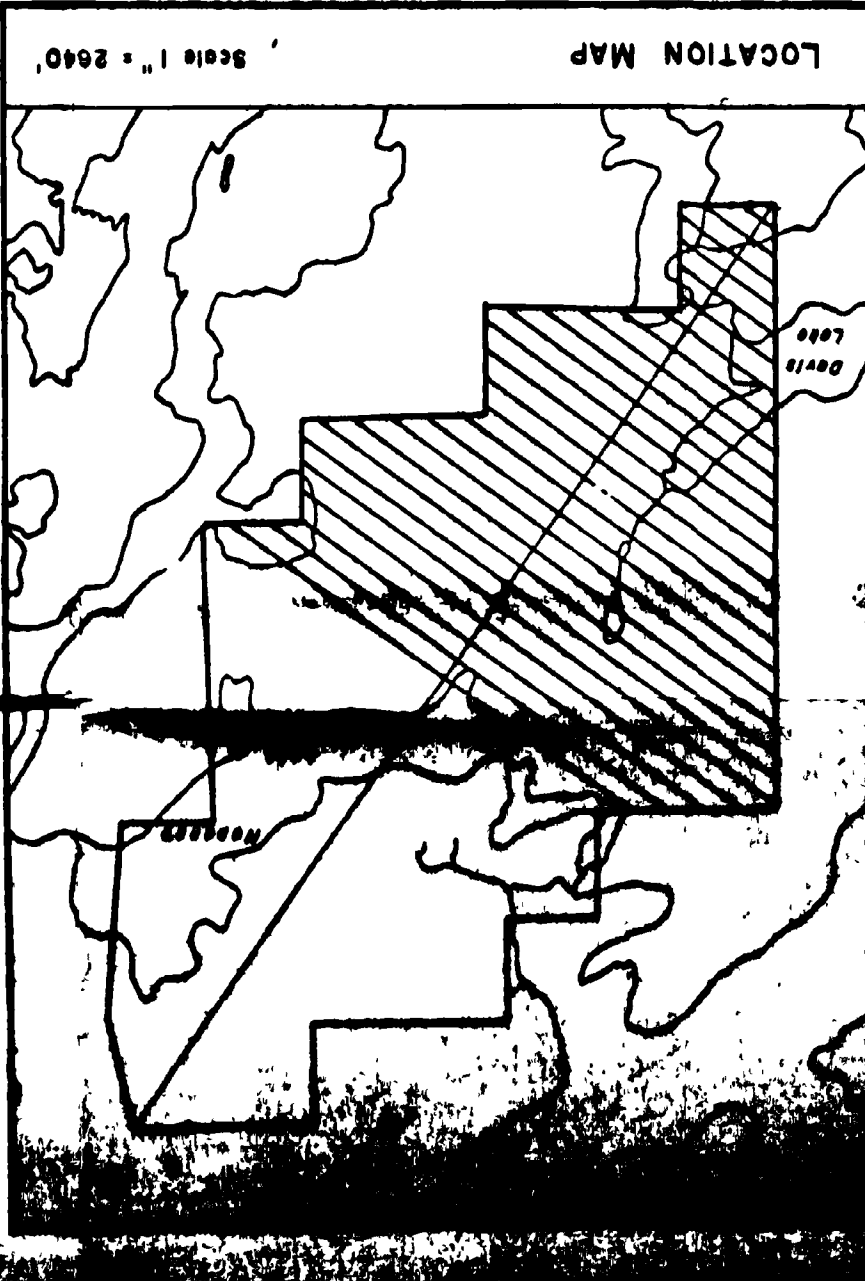
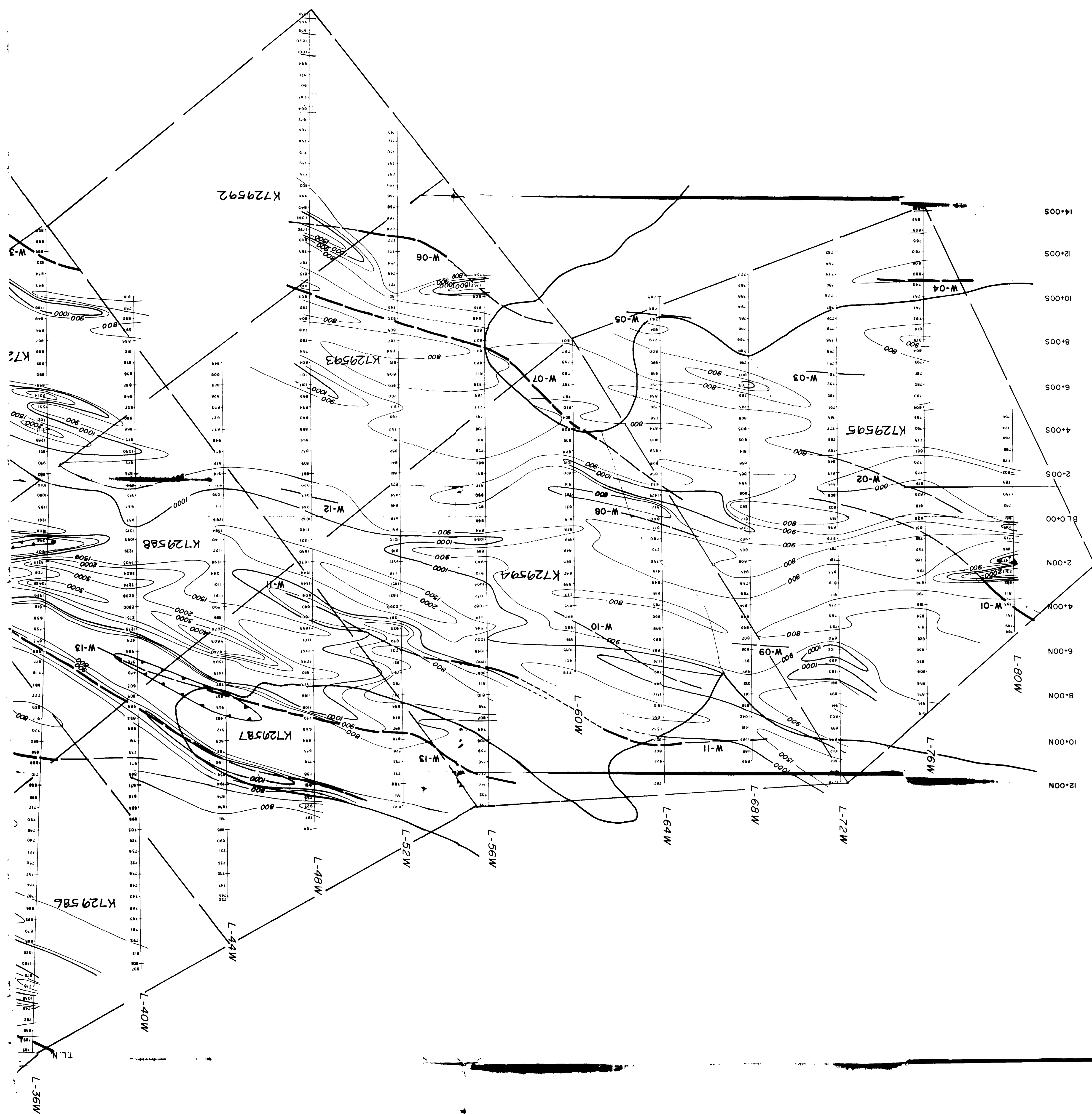
MAGNETOMETER SURVEY
EAST SHEET

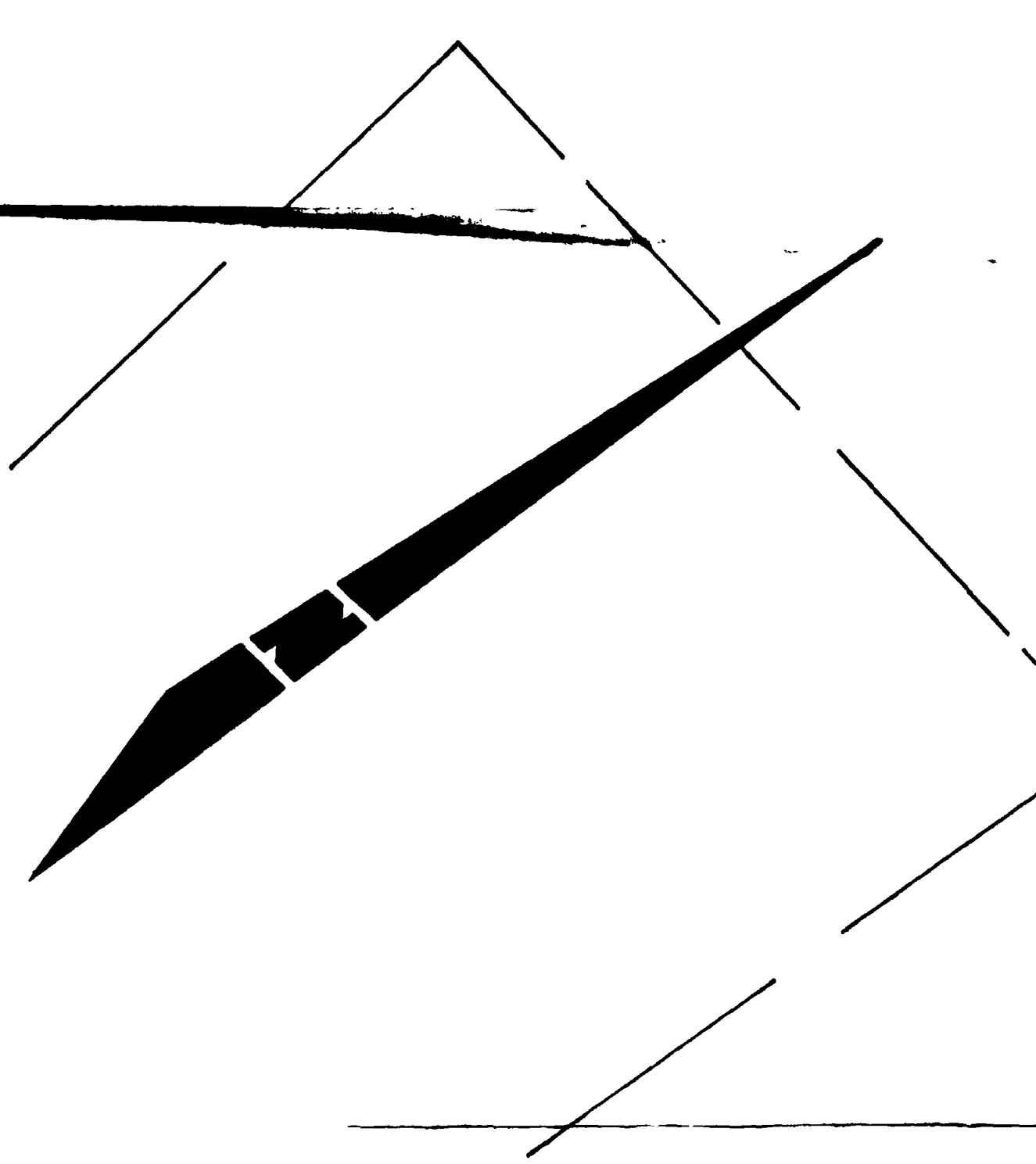
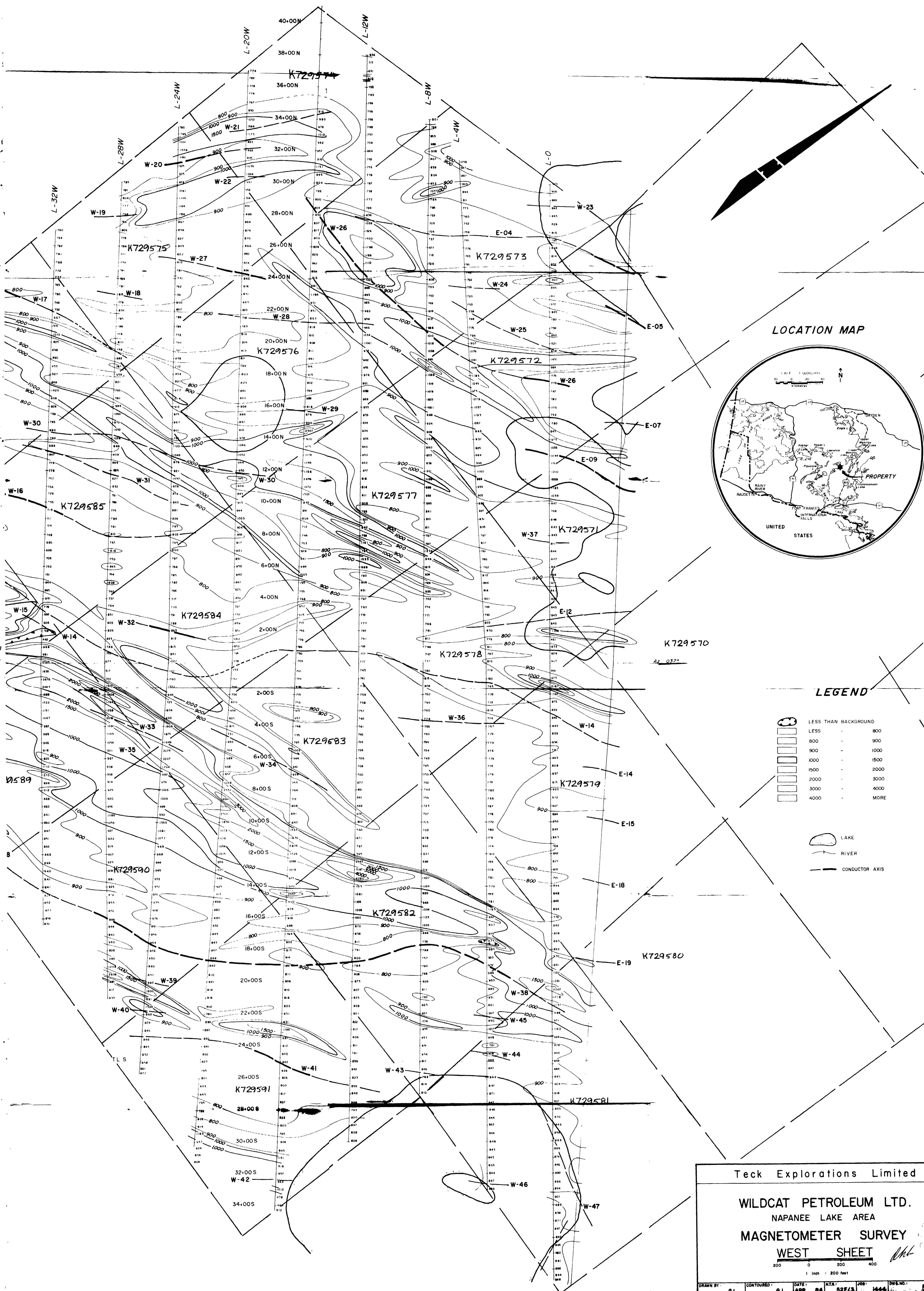
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1 inch = 200 feet

DRAWN BY: _____ DATE: _____ JOB: _____ DWG. NO.: 5719c

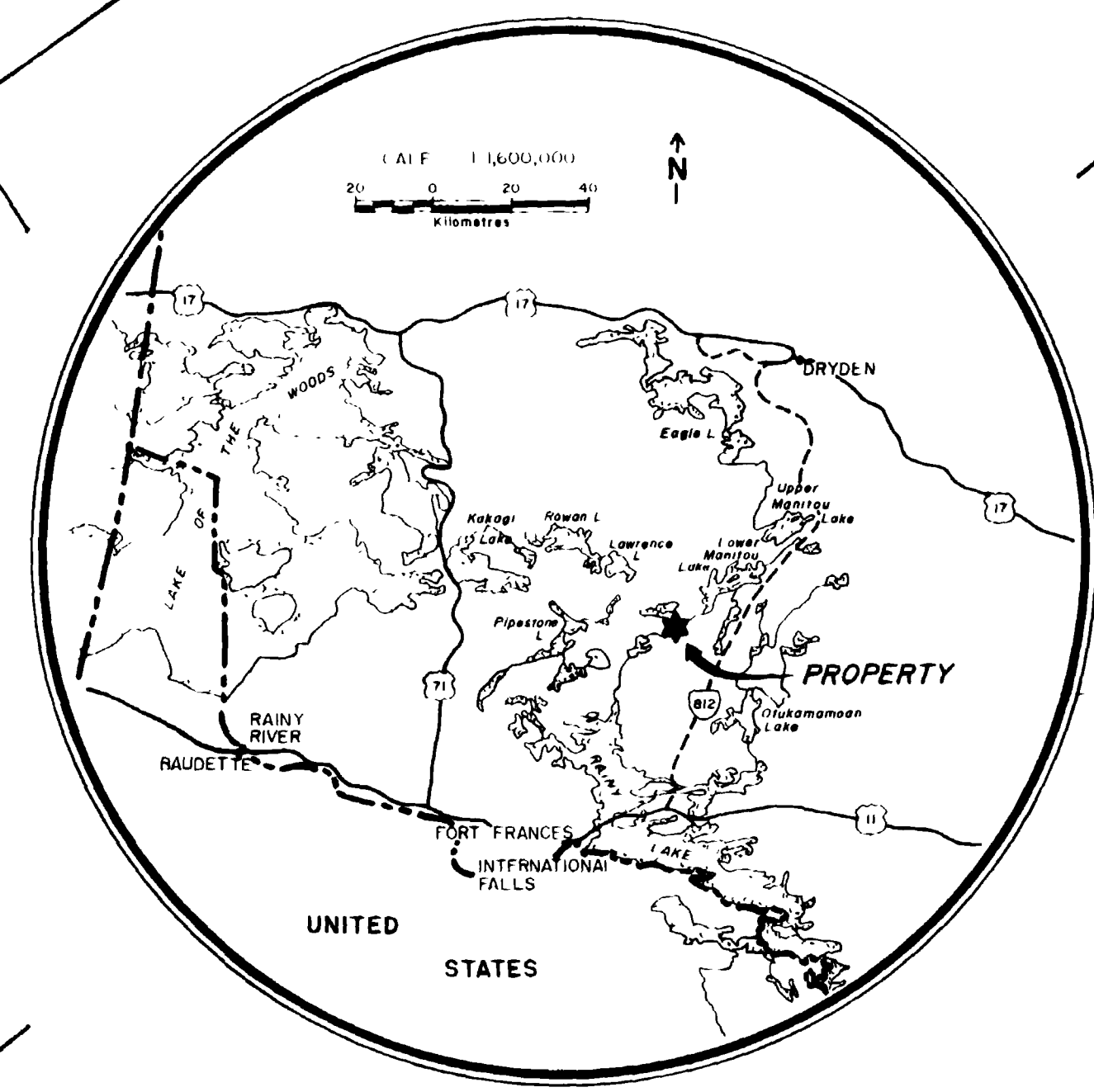
STATION	UNMAG II
STATION	CDI SURVEYS INC.
SEPARATION	
SEQUENCE	
REVISED DATE	
CHK.	
REFERENCE	

210





LOCATION MAP



LEGEND

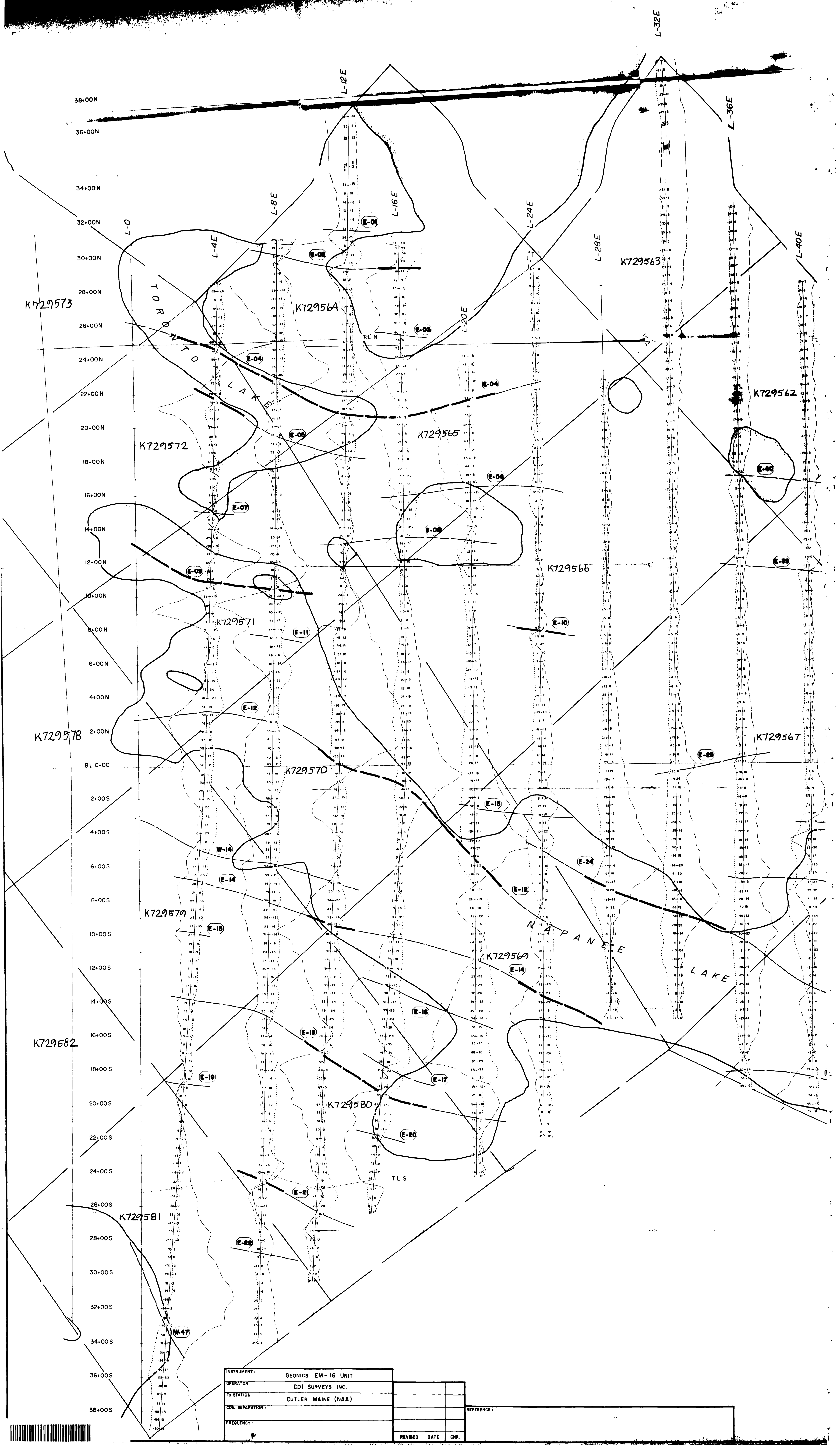
- LESS THAN BACKGROUND
- 800
- 900
- 1000
- 1500
- 2000
- 3000
- 4000
- LAKE
- RIVER
- CONDUCTOR AXIS

Teck Explorations Limited

WILDCAT PETROLEUM LTD.
 NAPANEE LAKE AREA
 MAGNETOMETER SURVEY
 WEST SHEET

200 0 200 400
 1 Inch = 200 feet

DRAWN BY: G.L. CONToured: G.L. DATE: APR 66 M.T.S.: 527/3 JOB: 1444 DWG. NO.: 1



K729573

K729572

K72956A

K729565

K729563

K729562

K729566

K729578

K729571

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K72957A

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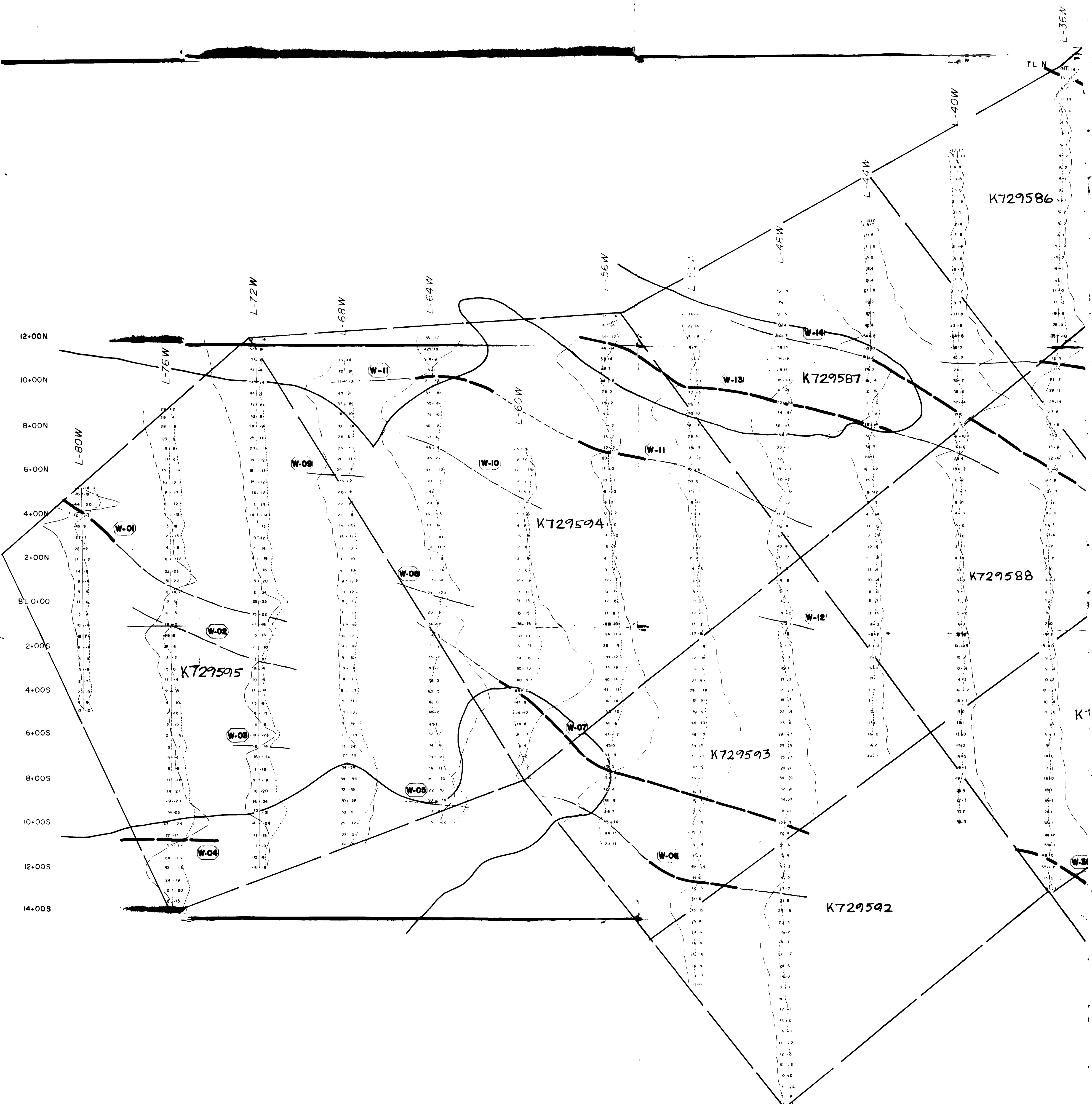
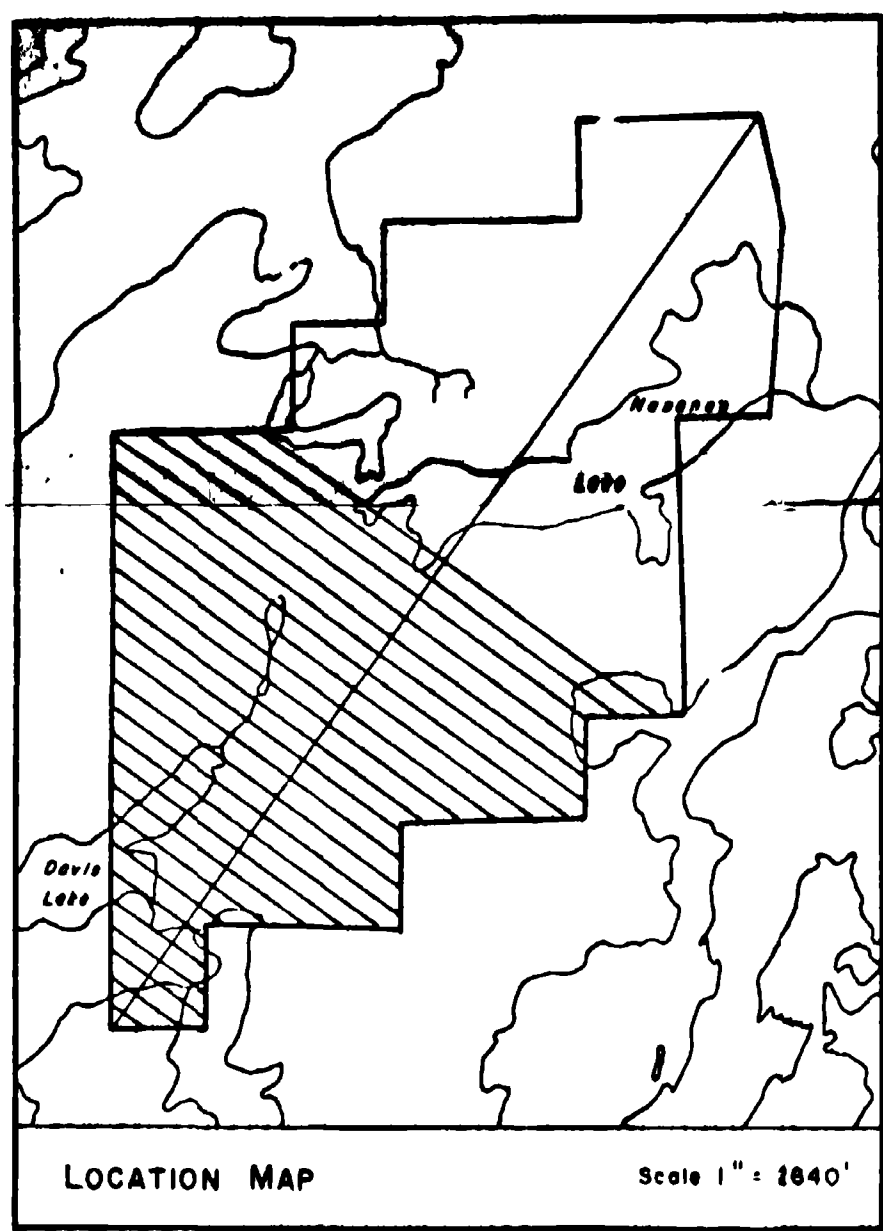
K729580

K729581

INSTRUMENT:	GEONICS EM - 16 UNIT	
OPERATOR:	CDI SURVEYS INC.	
TX. STATION:	CUTLER MAINE (NAA)	
COIL SEPARATION:		
FREQUENCY:		
	REVISED DATE	CHK.

REFERENCE:	
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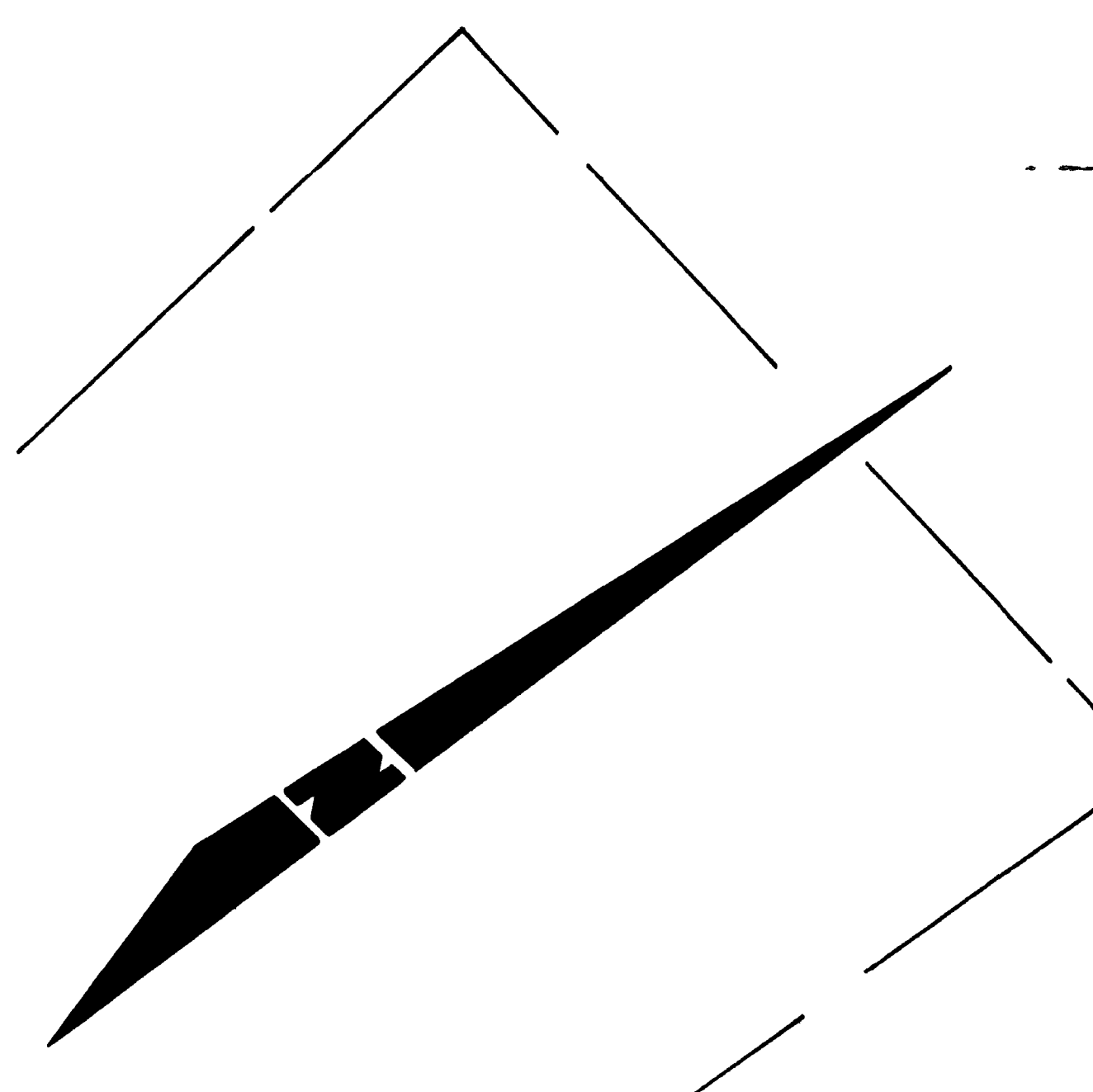
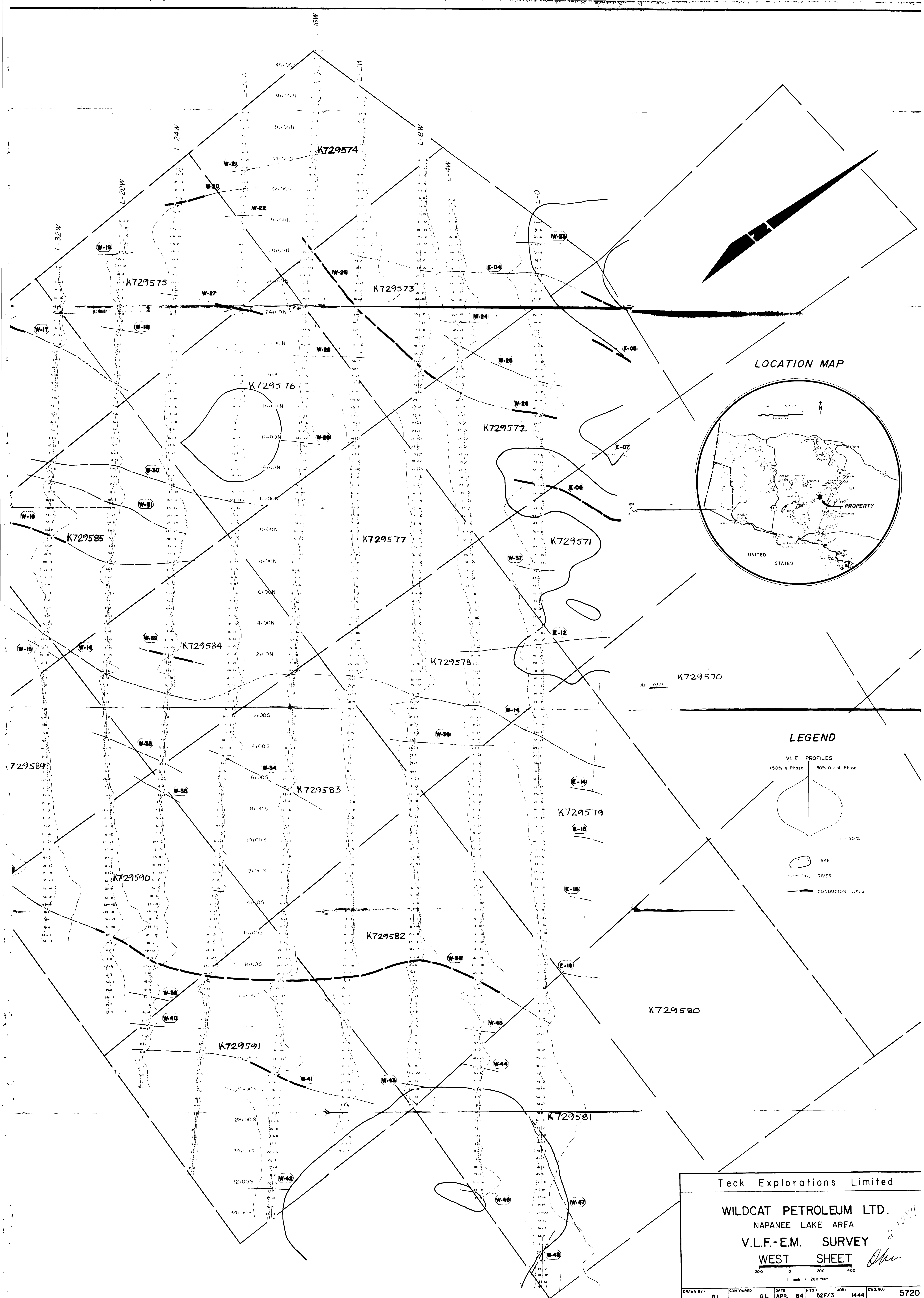




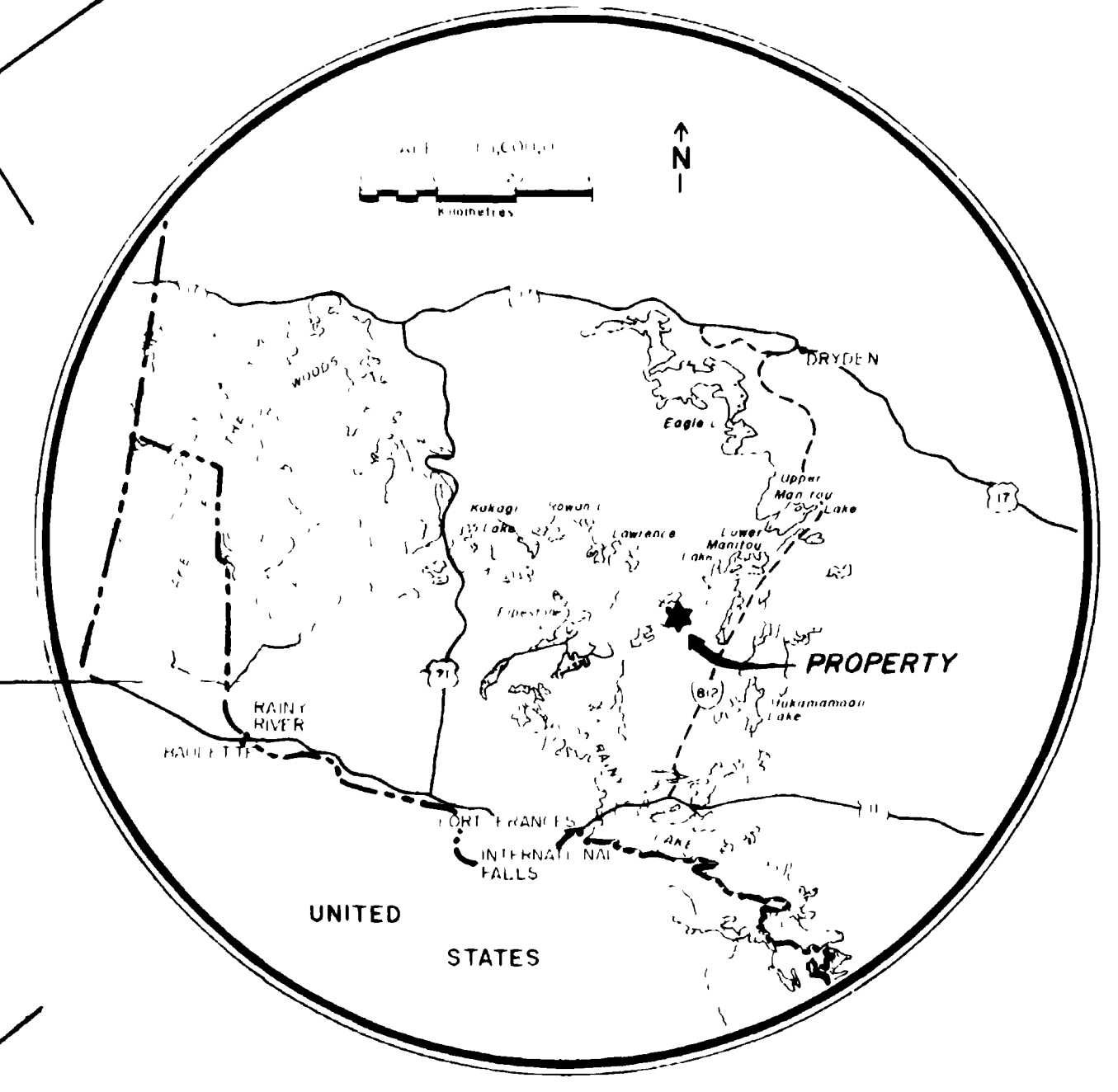
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INSTRUMENT :	GEONICS EM - 16 UNIT
OPERATOR :	CDI SURVEYS INC.
STATION :	CUTLER MAINE (NAA)
PL SEPARATION :	
FREQUENCY :	
REVISED DATE :	CHK.

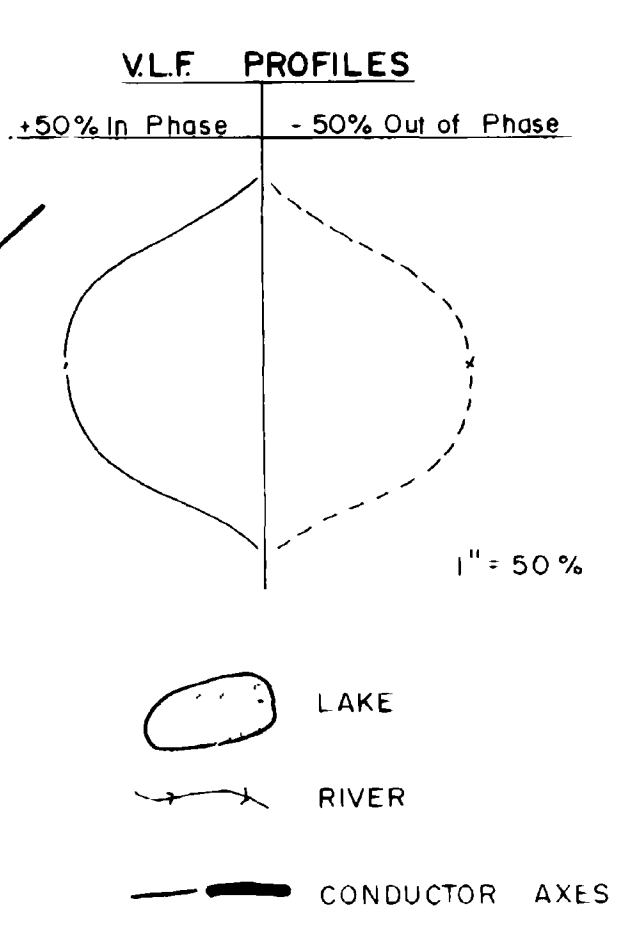
REFERENCE :



LOCATION MAP



LEGEND



Teck Explorations Limited

WILDCAT PETROLEUM LTD.
 NAPANEE LAKE AREA
 V.L.F.-E.M. SURVEY
 WEST SHEET

