



52F05SW0040 2.10190 DOGPAW LAKE

010

NTS 52 - F - 5

REPORT ON
GEOLOGICAL SURVEY
PERFORMED ON
CEDARTREE LAKE EAST SHORE
NORTHEAST 1-83 ADDITIONAL
WEST GROUP OF CLAIMS
DOGPAW LAKE AREA
KENORA MINING DIVISION

June 10, 1987.

G.LaFleche.

This report on geological survey, is submitted under special provision for credit of 20 assessment work days per mining claim, per survey.

RECEIVED

JUL - 6 1987

MINING LANDS SECTION

Introduction:

Cedartree Lake east shore, northeast 1-83, additional, west group of claims consists of six contiguous unpatented mining claims, numbered K-906321 - K906322 - K906327 - K906328 - K906329 - K906330 inclusive.

Location and Access:

The claims are located on the northeast corner of Cedartree Lake and is approximately 80 kilometres southeast of the Town of Kenora, Ontario. The property may be reached by float equipped aircraft from Kenora or Nestor Falls, Ontario, or by a new gravel road to the Nuinsco Mine on Cameron Lake. The Nuinsco Road Junction is approximately 8 kilometres south of the Town of Sioux Narrows of Highway 71.

Geology:

Claim Nos. K906328, K906321 and Claim No. K906322 are underlain by dacitic tuffs with numerous pyrite occurrences the tuffs are sheared and fractured.

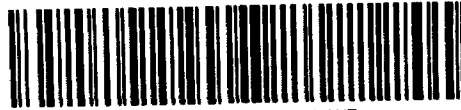
A sulphide zone mineralized with approximately 10% pyrite outcrops on the lake shore 0+65 metres north of post No. 3 of Claim No. K906321. This zone strikes 0.38 degrees and cuts diagonally across the claim. This zone carries low values in gold. The tuffs are pale yellow on surface and pale grey on fresh surface. Peridotite underlies the north part of

Claim No. K906321.

Claim NO. K906330 is underlain by peroxinite and gabbro.

Claim No. K906329 is underlain by peroxinite, gabbro and
dacite tuffs.

G. La Fleche
G. LaFleche.



52F05SW0040 2.10190 DOGPAW LAKE

020

NTS 52 - F - 5

REPORT ON
ELECTROMAGNETIC AND
MAGNETIC SURVEY
PERFORMED ON
CEDARTREE LAKE EAST SHORE
NORTHEAST 1-83 ADDITIONAL
WEST GROUP OF CLAIMS
DOGPAW LAKE AREA
KENORA MINING DIVISION

June 10, 1987

G. LaFleche.

This report on Electomagnetic and Magnetic Survey is submitted under special provision for credit of 20 assessment work days per mining claim, per survey.

RECEIVED

JUL - 6 1987

MINING LANDS SECTION

Introduction:

Cedartree Lake east shore, northeast 1-83, additional, west group of claims consists of six contiguous unpatented mining claims numbered, K906321 - K906322 - K906327 - K906328 - K906329 - K906330 inclusive.

Location and Access:

The claims are located on the northeast corner of Cedartree Lake and is approximately 80 kilometres southeast of Kenora, Ontario. The property may be reached by float equipped aircraft from Kenora or Nestor Falls, Ontario, or by a new gravel road to the Nuinsco Mine on Cameron Lake. The Nuinsco Road Junction is approximately 8 kilometres south of the town of Sioux Narrows on Highway 71.

Linecutting:

A tie line was cut south from line No 4+00S from the northeast corner of Claim No. K906327 to line 20+00S along the east boundary of Claims Nos. K906327 - K906328 - K906321 and K906322 to the No. 2 post of Claim No. K906322. Cross lines were turned off at 100 metre intervals from 4+00S

to 20+00 south. Cross lines were cut, chained and picketed at 0+25 metre intervals. In all 12.4 kilometres were cut.

Electromagnetic Survey:

The electromagnetic survey was undertaken with a crane radem V.L.F. E.M.

The equipment consists of a V.L.F. receiver with attached inclinometer. The transmitter station used was Annapolis, Maryland, one of several locations situated in different parts of the world. The Annapolis station was chosen because it lies in the same direction as the regional strike of the formation. The primary electromagnetic emission from the Annapolis station with a frequency of 21.4 KHZ links with any conductor producing an induced current which gives rise to a secondary electromagnetic field at a given receiving station, the direction of the resultant field is determined by means of the receiver with its attached inclinometer. Measurements are made in terms of dip angles and are recorded in terms of percent. The plotting of the dip angles gives profiles which are useful in estimating the depth of the conductor axis, the dip of the conductor and its relative conductivity.

The results of the survey are shown on the prints accompanying this report.

Magnetic Survey:

The instrument used was a McPhar Fluxgate Magnetometer

Model M-700.

Base readings were taken along the tie line, and all readings were calculated relative to the base readings. Readings were taken at the base control stations at periodic intervals to discern day-to-day and diurnal drift. Any changes noted in the magnetic intensity were then applied as factors and progressive adjustments were made to each reading taken during the specified period of time.

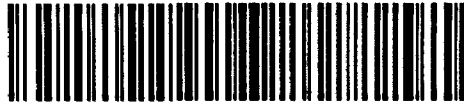
The results of the magnetic survey are shown on the prints accompanying this report.

Recommendations:

The principle conductive zone is the one in the central part of Claims Nos. K906321 and K906322 on lines 15+00S. to line 20+00 south, traced for a distance of 500 metres. Rusty PY zones east and west of this conductor low gold values were obtained from these rusty zones. Diamond drilling is recommended to test this E.M. conductor.



G. LaFleche.



52F055W0040 2.10190 DOGPAW LAKE

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N.T.S. 52-F-5

ADDENDA TO
REPORT ON
GEOLOGICAL SURVEY
PERFORMED ON
CEDARTREE LAKE EAST SHORE
NORTHEAST 1-83 ADDITIONAL
WEST GROUP OF CLAIMS
DOGPAW LAKE AREA
KENORA MINING DIVISION

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OCT 15 1987

MINING LANDS SECTION

October 1987.

G. LaFleche

PYROXENITE:

The pyroxenite underlying claims Nos. 906329 and 906330 form a high ridge approximately 50 feet above the lake level. The pyroxenite is composed mainly of coarse pyroxene. Feldspar and quartz occur between the pyroxene crystals. The feldspar is altered to sericite. The pyroxenite is dark brown on weathered surface and black on fresh surface.

GABBRO:

Coarse dark grey gabbro underlie part of Claims Nos. 906329 and 906330. In places the rock is massive with pegmatitic grain size grains.

In the centre of the gabbro, a phase of anorthositic gabbro, sheared and altered, was noted.

PERIDOTITE:

Massive peridotite underlies the east part of Claim No. 906321.

The peridotite weathers black to dark brown on surface. Pyroxene - serpentine and olivine form the peridotite.

G. LaFleche.

G. LaFleche

CERTIFICATE

I, G. LaFleche, of the Town of Schumacher, Province of Ontario, hereby certify that:

- 1) I reside at 117 Third Avenue, Schumacher, Ontario.
- 2) I am a prospector and geophysical operator and I have been practising in this capacity for over 29 years, ten of which I was the Chief Prospector and Mining Scout for Noranda Exploration Co. Ltd., Toronto and Timmins.
- 3) I personally surveyed the geophysical and geology surveys on this property.

Dated at Schumacher, Ontario
June 10, 1987.

G. LaFleche
G. LaFleche

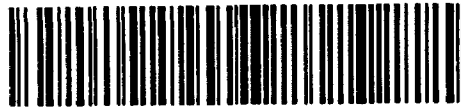
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2.95



Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines



52F05SW0040 2.10190 DOGPAW LAKE

900

RECEIVED

November 5, 1987

Your File: 86-87
Our File: 2.10190

Mining Recorder
Ministry of Northern Development and Mines
808 Robertson Street
Box 5050
Kenora, Ontario
P9N 3X9

Dear Sir:

RE: Notice of Intent dated October 19, 1987
Geophysical (Electromagnetic and Magnetometer) and
Geological Survey on Mining Claims K-906327 et al
in the Area of Dogpaw 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,

W.R. Cowan, Manager
Mining Lands Section
Mines and Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

OK:pl

Enclosure: Technical Assessment Work Credits

cc: Mr. Gerald Lafleche
117 Third Avenue
Box 272
Schumacher, Ontario
PON 1G0

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

Resident Geologist
Kenora, Ontario



Recorded Holder
Gerald Lafleche

Township Area
Dogpaw Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	K -906327 to 30 inclusive 906321-22
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.	

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

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.



Recorded Holder	Gerald Lafleche
XXXXXX Area	Dogpaw Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological <u>20</u> days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input 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 - 906329 906321-22

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

<p><u>15 days Geological</u></p> <p>K-906328 906330</p>

No credits have been allowed for the following mining claims

<input checked="" type="checkbox"/> not sufficiently covered by the survey	<input type="checkbox"/> insufficient technical data filed
<p>K-906327</p>	

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.



Ministry of Northern Development and Mines

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

Mining Act

Instructions: - Please type or print.
- If number of mining claims traversed exceeds space on this form, attach a list.
Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

T.S
2.10.190

June 26
#86-07

Type of Survey(s) **ELECTROMAGNETIC, MAGNETOMETOR & GEOLOGY.** Township or Area **306 PAUL LAKE G. 2613**
 Claim Holder(s) **GERALD LAFLECHE** Prospector's Licence No. **C-25014**
 Address **117 THIRD AVENUE, BOX 272, SCHUMACHER, ONTARIO, P0N 1G0.**
 Survey Company **GERALD LAFLECHE** Date of Survey (from & to) **02/87** Total Miles of line Cut **12.4 KILOMETRES**
 Name and Address of Author (of Geo Technical report) **GERALD LAFLECHE, 117 THIRD AVE. BOX 272, SCHUMACHER, ONT., P0N 1G0.**

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

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	20
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

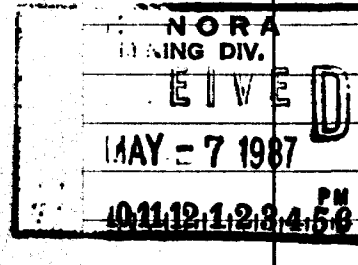
Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
K.	906327				
	906328				
	906329				
	906330				
	906321				
	906322				

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MAY 20 1987

MINING LANDS SECTION



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.

906321

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

Date **MAY 6, 1987** Recorded Holder or Agent (Signature) **A. La Fleche**

For Office Use Only

Total Days Cr. Recorded **480** Date Recorded **May 7/87** Mining Recorder **McLemay/acting**
 Date Approved as Recorded **See Statement work statements.** Branch Director

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 **GERALD LAFLECHE, BOX 272, 117 THIRD AVE SCHUMACHER, ONT P0N 1G0.**
 Date Certified Certified by (Signature) **A. La Fleche**

Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)

Mining Act

Instructions: - Please type or print. **TRUCK**
If number of mining claims traversed
exceeds space on this form, attach a list.
Note: - Only days credits calculated in the
"Expenditures" section may be entered
in the "Expend Days Cr." column.
- Do not use shaded areas below.

T.S.
210190

GEOLGICAL
ELECTROMAGNETIC, MAGNETOMETER &
GERALD LAFLECHE

Township or Area: **DOG PAW LAKE G. 2613**
Prospector's Licence No.: **C-25014**

117 THIRD AVENUE, BOX 272, SCHUMACHER, ONTARIO, P0N 1G0.

Date of Survey (from to) **02 18 87** Total Miles of line Cut **12.4 KILOMETRES**
Day | Mo. | Yr. | Day | Mo. | Yr.

Name and Address of Author (of Geo Technical report)
GERALD LAFLECHE, 117 THIRD AVE. BOX 272, SCHUMACHER, ONT., P0N 1G0.

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

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	
	Biological	20
	Geochemical	

Main Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	Electromagnetic	
	Magnetometer	
	Radiometric	
	Other	
	Geochemical	

Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)			Mining Claims Traversed (List in numerical sequence)		
Prefix	Mining Claim Number	Expend Days Cr.	Prefix	Mining Claim Number	Expend Days Cr.
K.	906327	0			
	906328	1/4			
	906329	✓			
	906330	1/4			
	906331	✓			
	906332	✓			

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MAY 20 1987

MINING LANDS SECTION

NORANDA MINING DIV.
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MAY - 7 1987
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Duf

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.

906321

Total number of mining claims covered by this report of work. **6**

Date: **MAY 6, 1987**
Recorded Holder or Agent (Signature): *A. La Fleche*

For Office Use Only

Total Days Cr. Recorded: **480**
Date Recorded: **May 7/87**
Date Approved as Recorded:

Mining Recorder: *McLemay/actin*
Branch Director:

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
GERALD LAFLECHE, BOX 272, 117 THIRD AVE SCHUMACHER, ONT P0N 1G0.

Date Certified:
Certified by (Signature): *A. La Fleche*

LOBSTICK BAY G-2627

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKIEG
- MINES
- TRAVERSE MONUMENT

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	
SAND & GRAVEL	

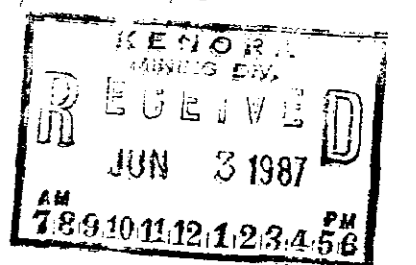
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1

REFERENCES

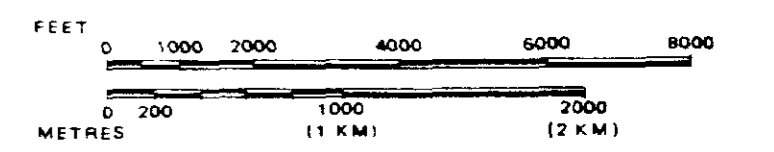
AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

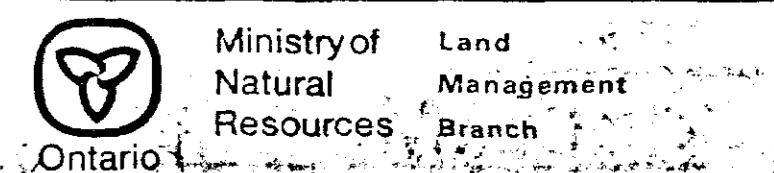
Description	Order No.	Date	Disposition	File
	489/86	OCT 8/86	STMR	7098



SCALE: 1 INCH = 40 CHAINS

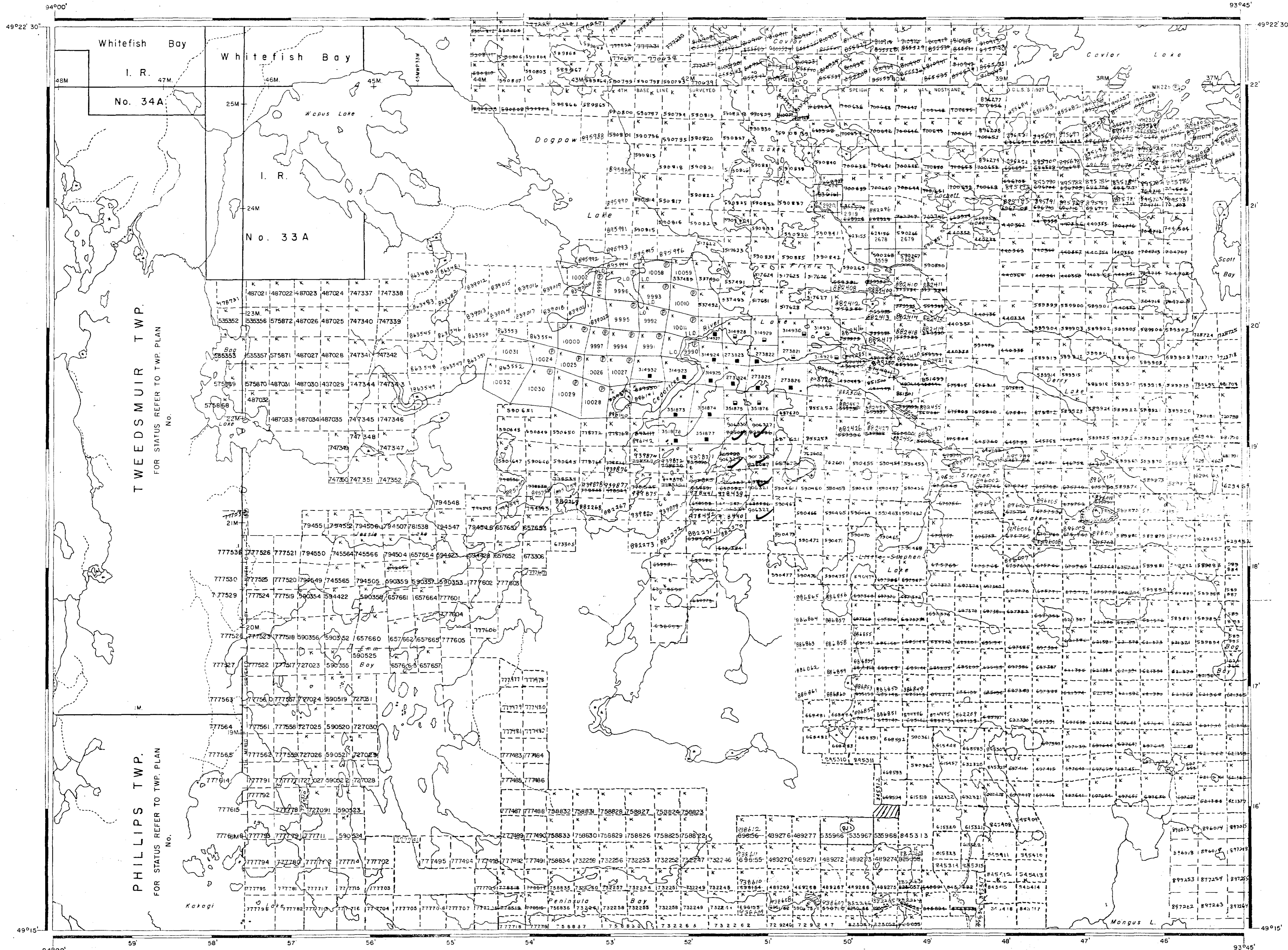


AREA
DOGPAW LAKE
 M.N.R. ADMINISTRATIVE DISTRICT
KENORA
 MINING DIVISION
KENORA
 LAND TITLES / REGISTRY DIVISION
KENORA



Date JANUARY, 1984 Number

G-2613

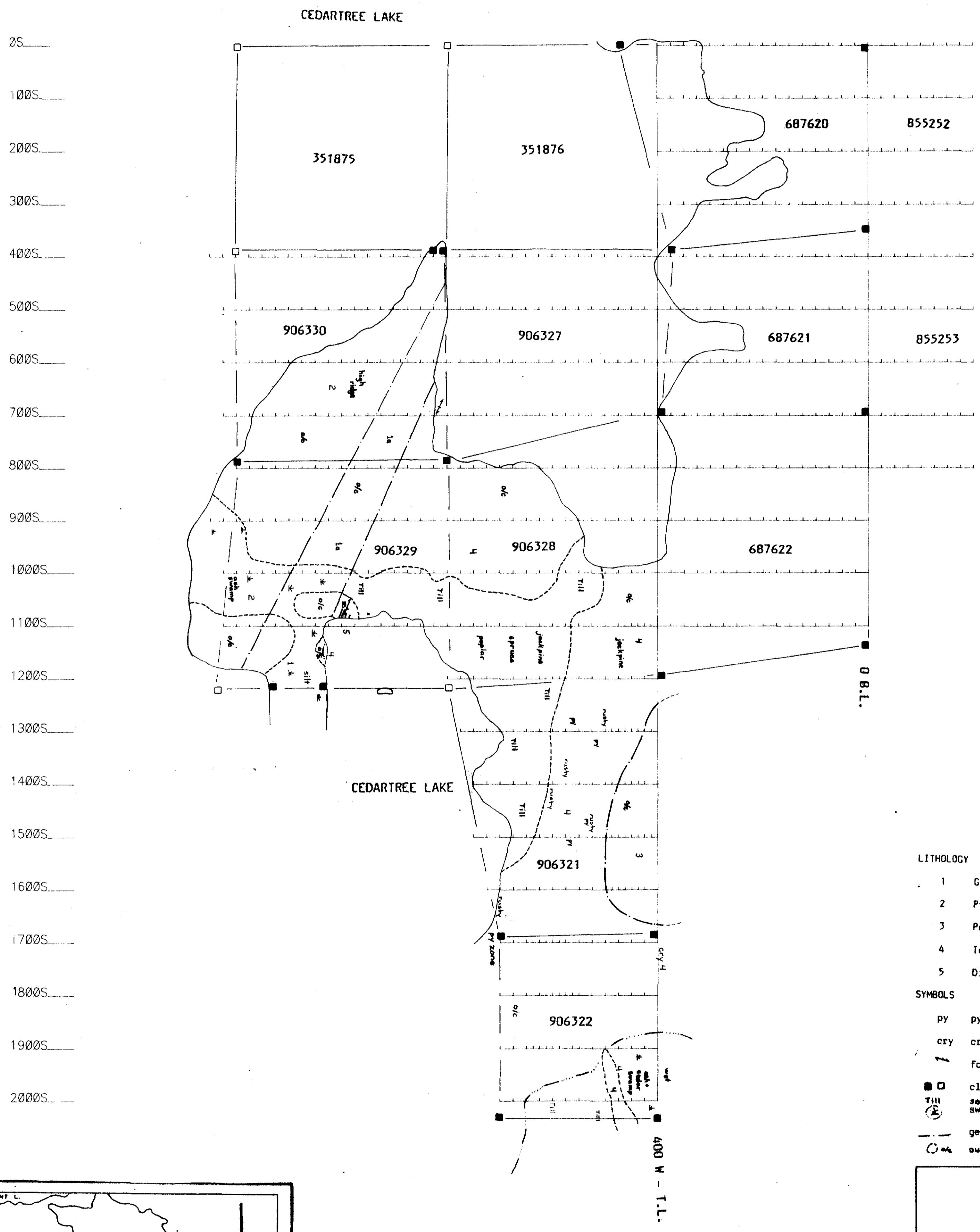


HERONRY LAKE G-2621





1300 W
1100 W
900 W
700 W
500 W
300 W
100 W
100 E



0S
100S
200S
300S
400S
500S
600S
700S
800S
900S
1000S
1100S
1200S
1300S
1400S
1500S
1600S
1700S
1800S
1900S
2000S

LEGEND

- LITHOLOGY**
- 1 Gabbro 1a Anorthositic Gabbro
 - 2 Pyroxenite
 - 3 Peridotite
 - 4 Tuffs/
 - 5 Diabase
- SYMBOLS**
- py pyrite
 - cry crystal
 - / foliation
 - claim post: located, not located
 - Till sand-gravel boulders - silt
 - swamp
 - geological contact
 - outcrop



ADDITIONAL

GEOLOGICAL SURVEY

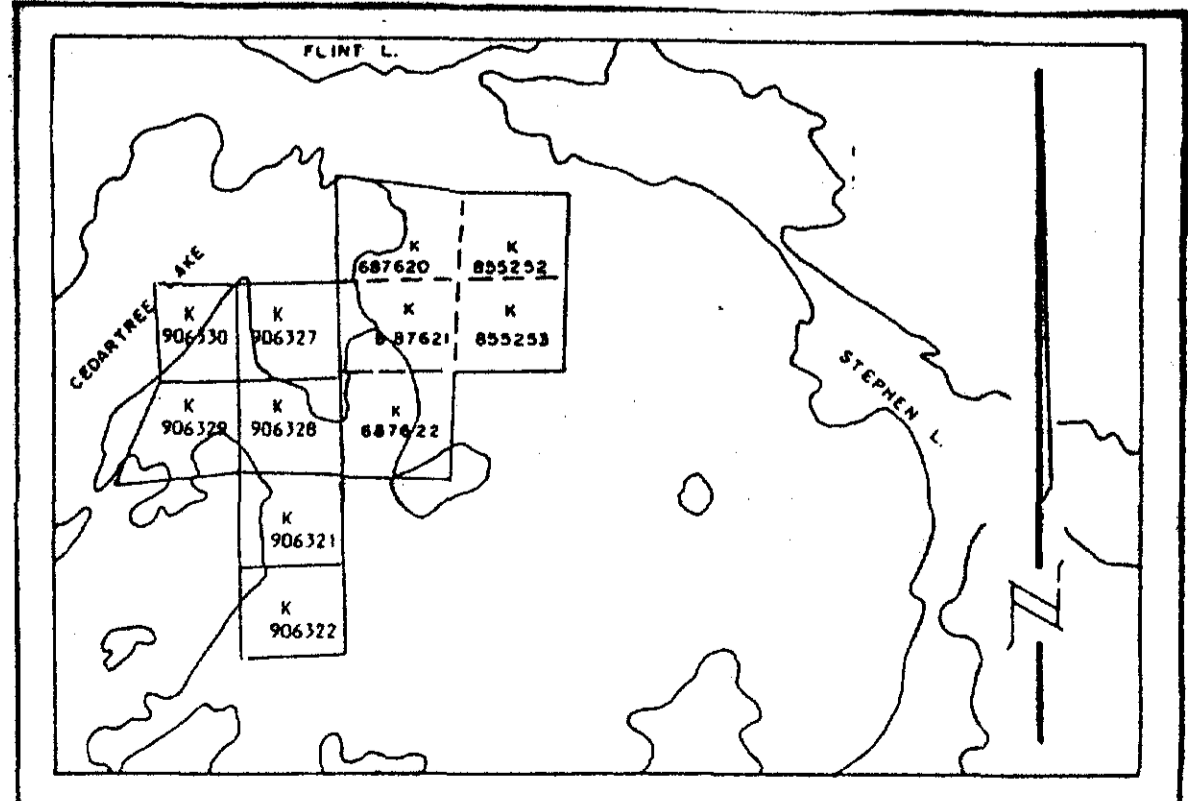
PROJECT: CEDERTREE LAKE 1-83 PROJECT # : 1-83
BASELINE AZIMUTH : 360 Deg.

SCALE = 1: 5000 DATE : 5/ 6/87
SURVEY BY : G.L. NTS : 52F

FILE: M183ADD

G. La Plante

2.10190



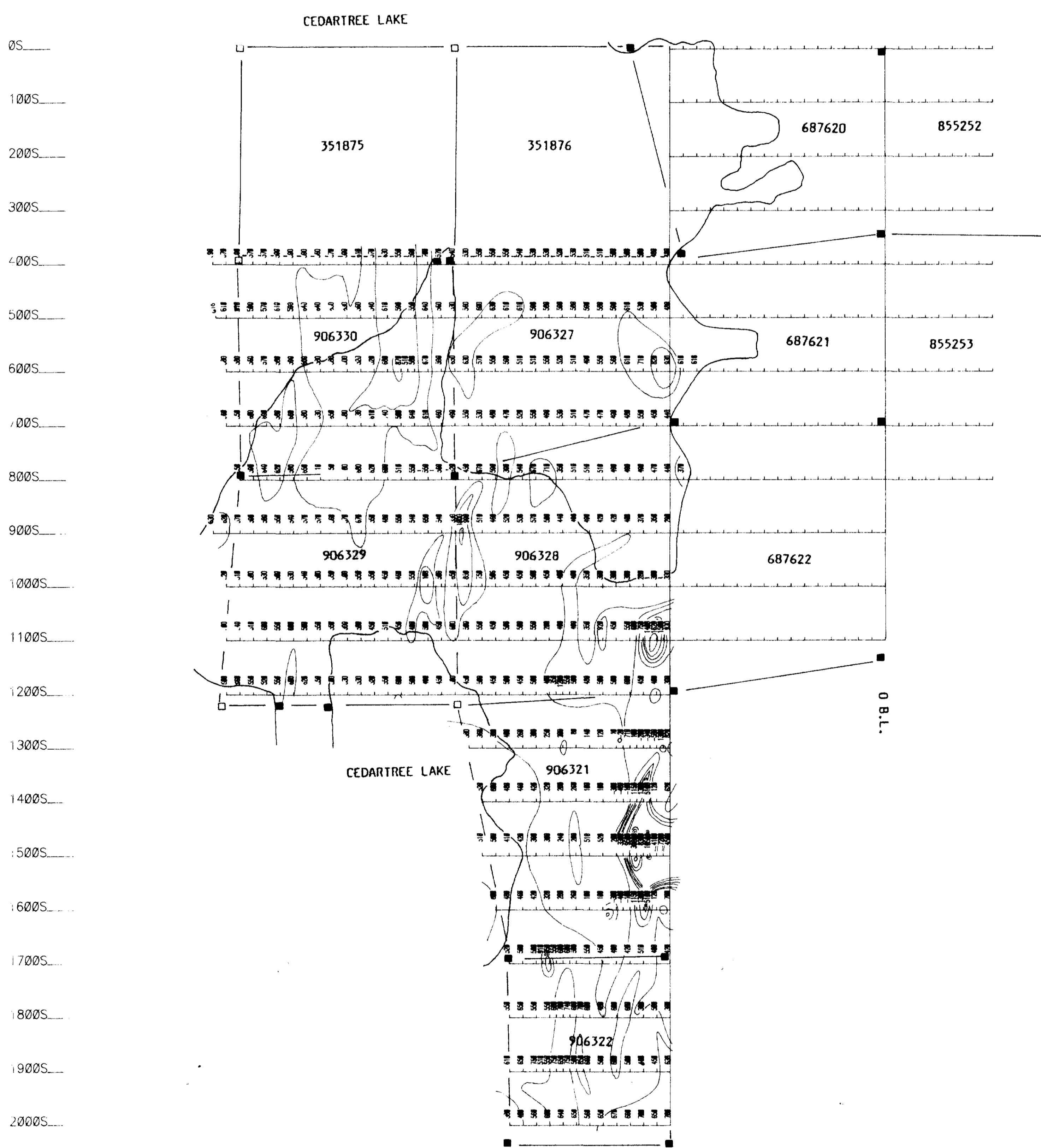
LOCATION PLAN

Cedartree Lake East Shore

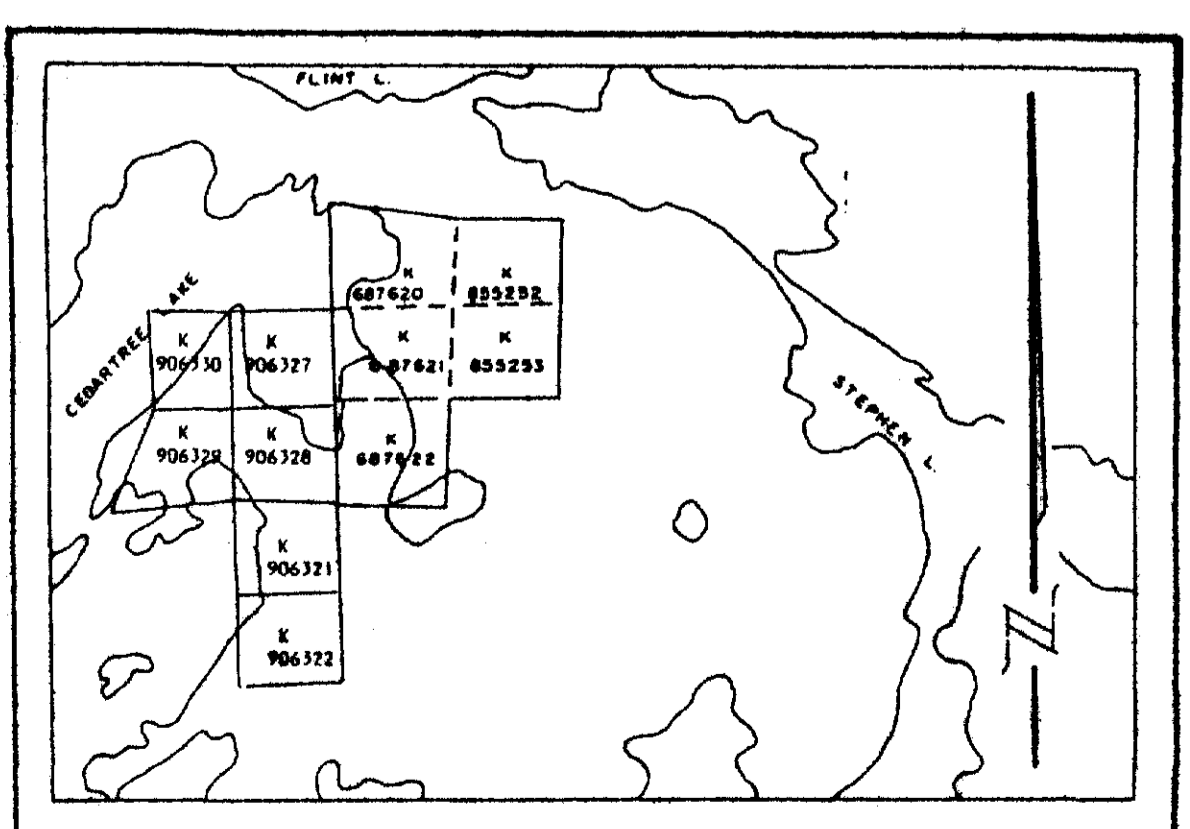
Scale 1: 31,680



Date of Survey: 5/6/87
 Date of Plot: 5/6/87
 Date of Revision: 5/6/87
 Date of Final: 5/6/87
 Date of Issue: 5/6/87

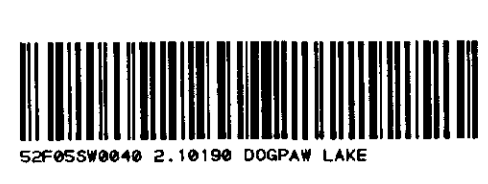


400 W - T.L.



LOCATION PLAN
 Cedartree Lake East Shore

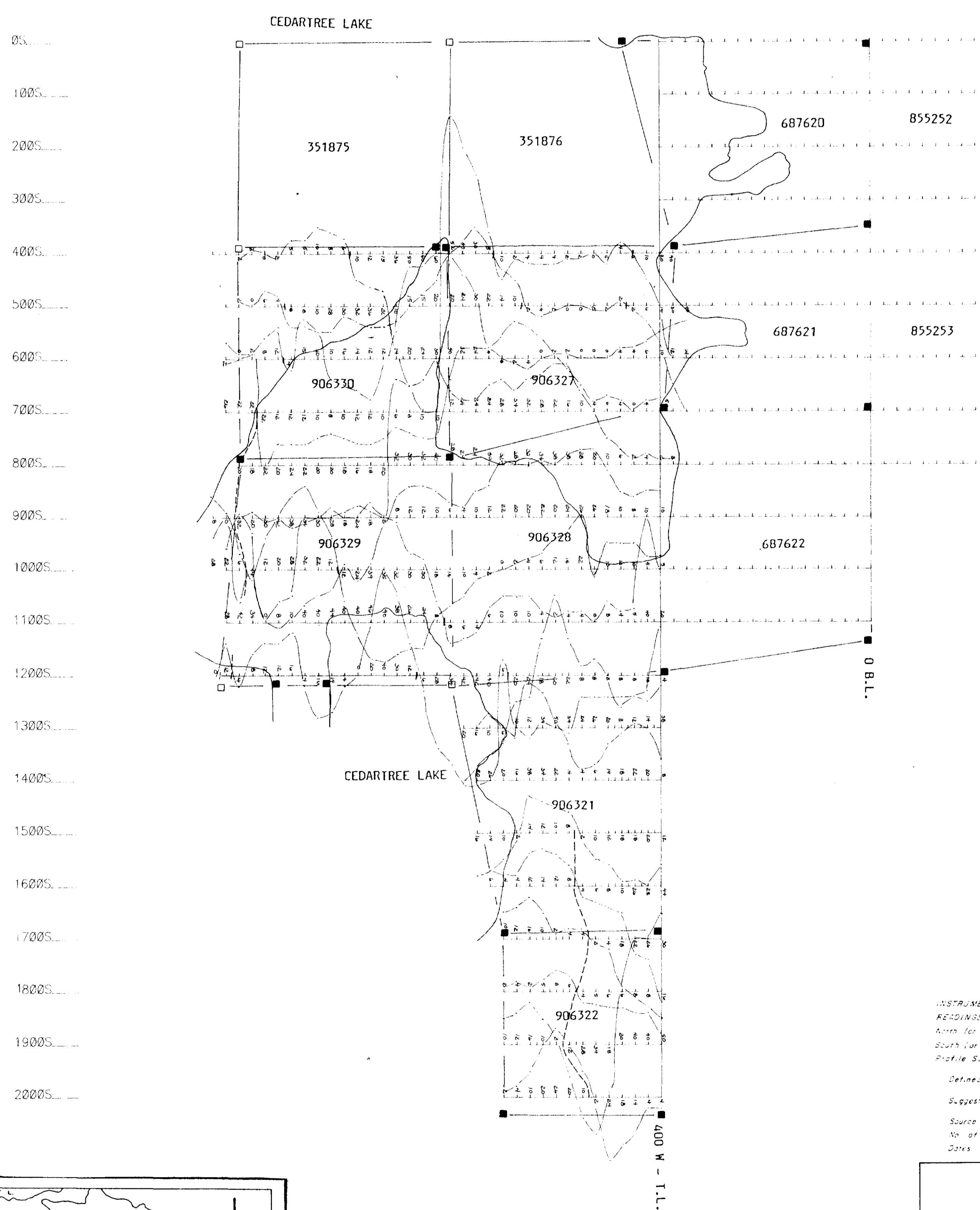
Scale 1: 31,680



Instrument	: M-700
Field	: TOTAL
Datum	: 0.0 NT
Contour Interval	: 200ft
Conductor Axis	: 210190

ADDITIONAL	
MAGNETOMETER SURVEY	
PROJECT: CEDERTREE LAKE 1-83	PROJECT #: 1-83
BASELINE AZIMUTH : 360 Deg.	
SCALE = 1: 5000	DATE : 5/ 6/87
SURVEY BY : G.L.	NTS : 52F5
FILE: M183ADD	

H. La Plante



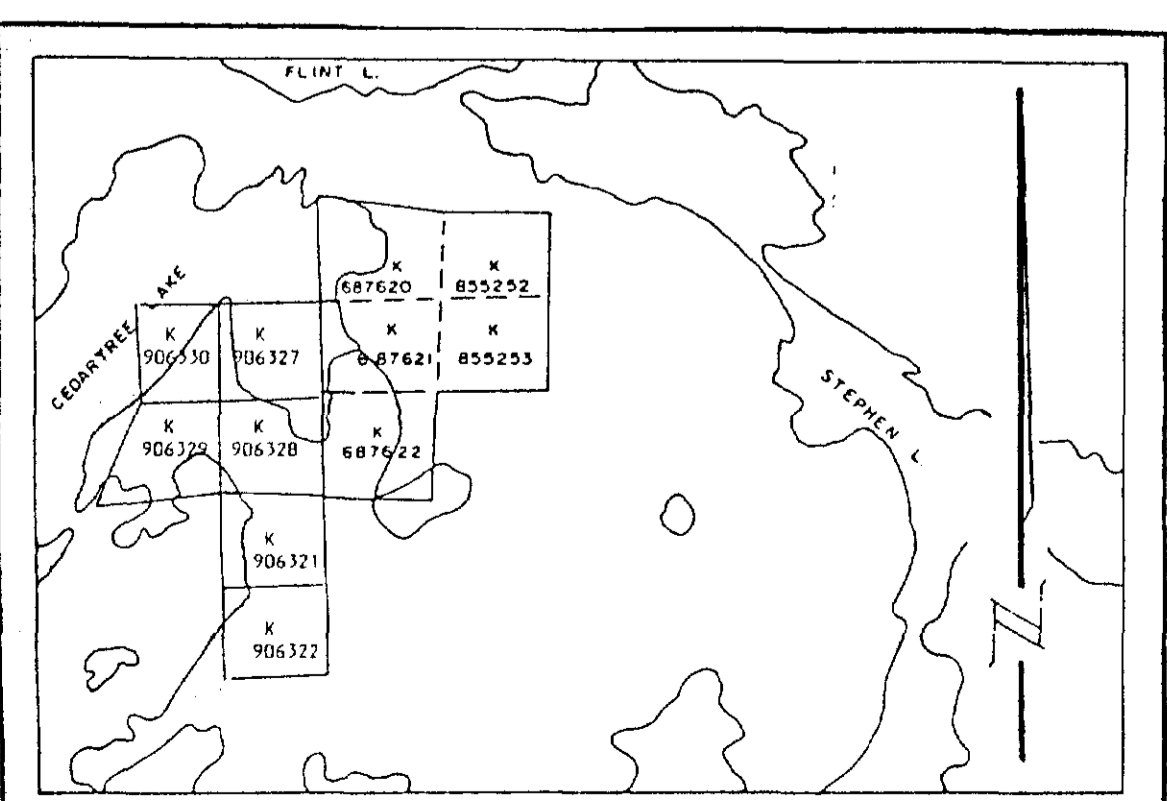
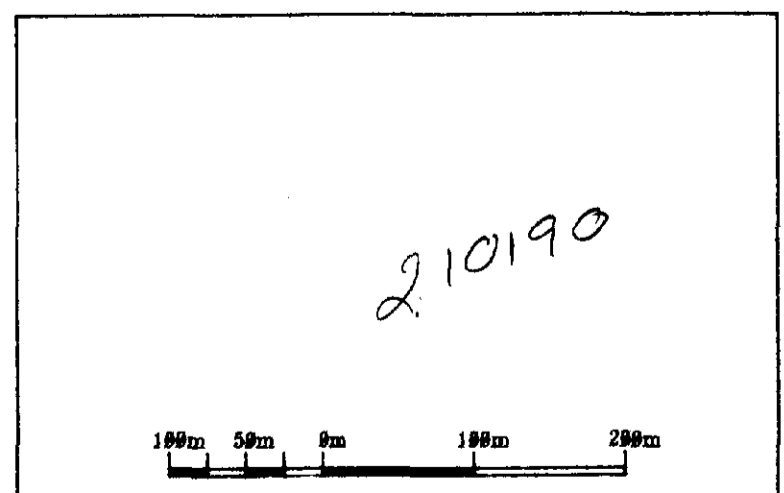
LEGEND

INSTRUMENT: Rodem (Crane V.L.F.)
 READINGS: Resultant EMF in degrees of a.p.
 North (or West) readings plotted to right of line
 South (or East) readings plotted to left of line
 Profile Slope: 1:40 to 1:10

Defined Conductor Axis:

Suggested Conductor Axis:

Source Station: A.M.
 No. of readings:
 Dates of Survey:



LOCATION PLAN
 Cedartree Lake East Shore

Scale 1:31,680



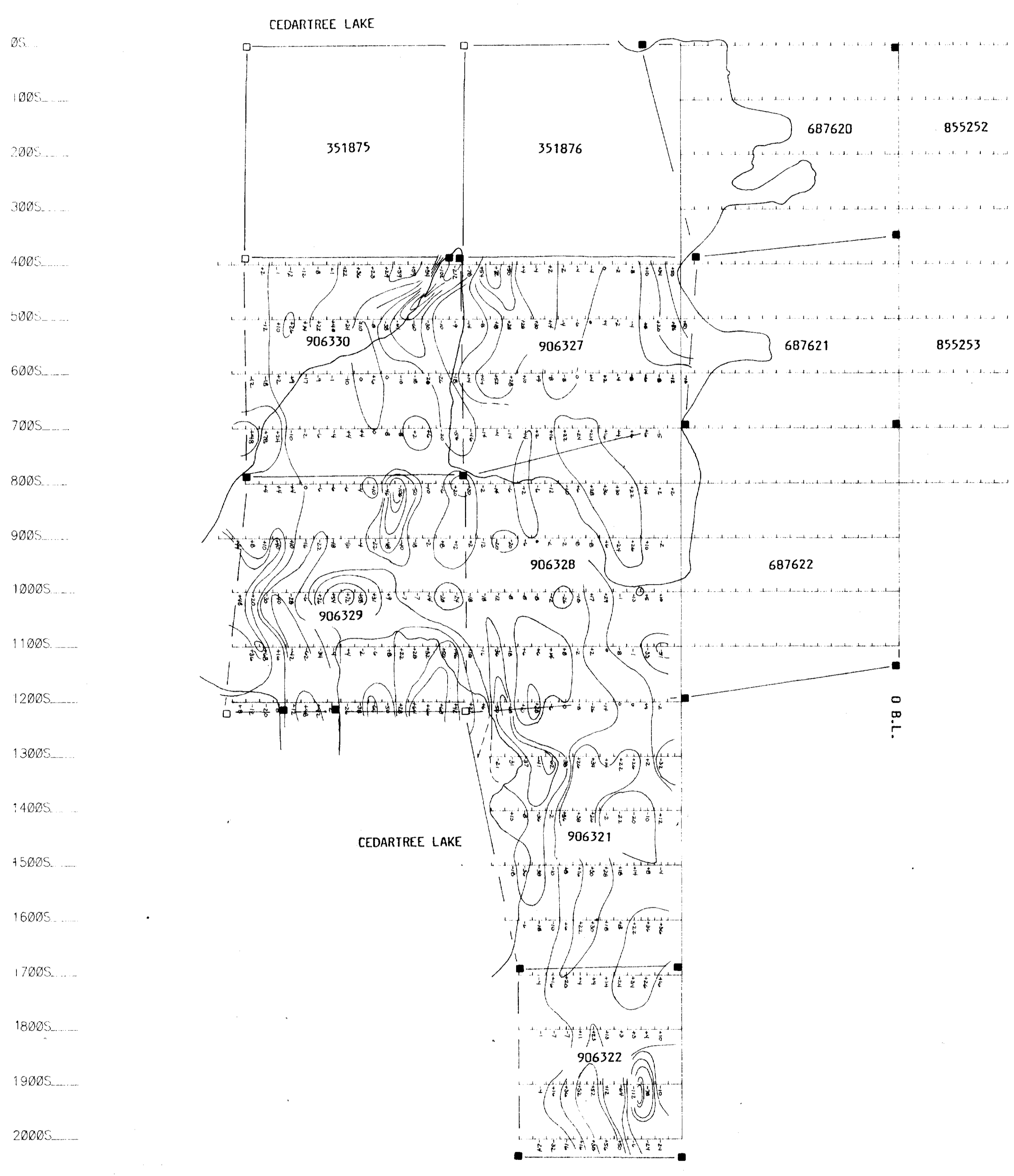
ADDITIONAL

V.L.F. SURVEY

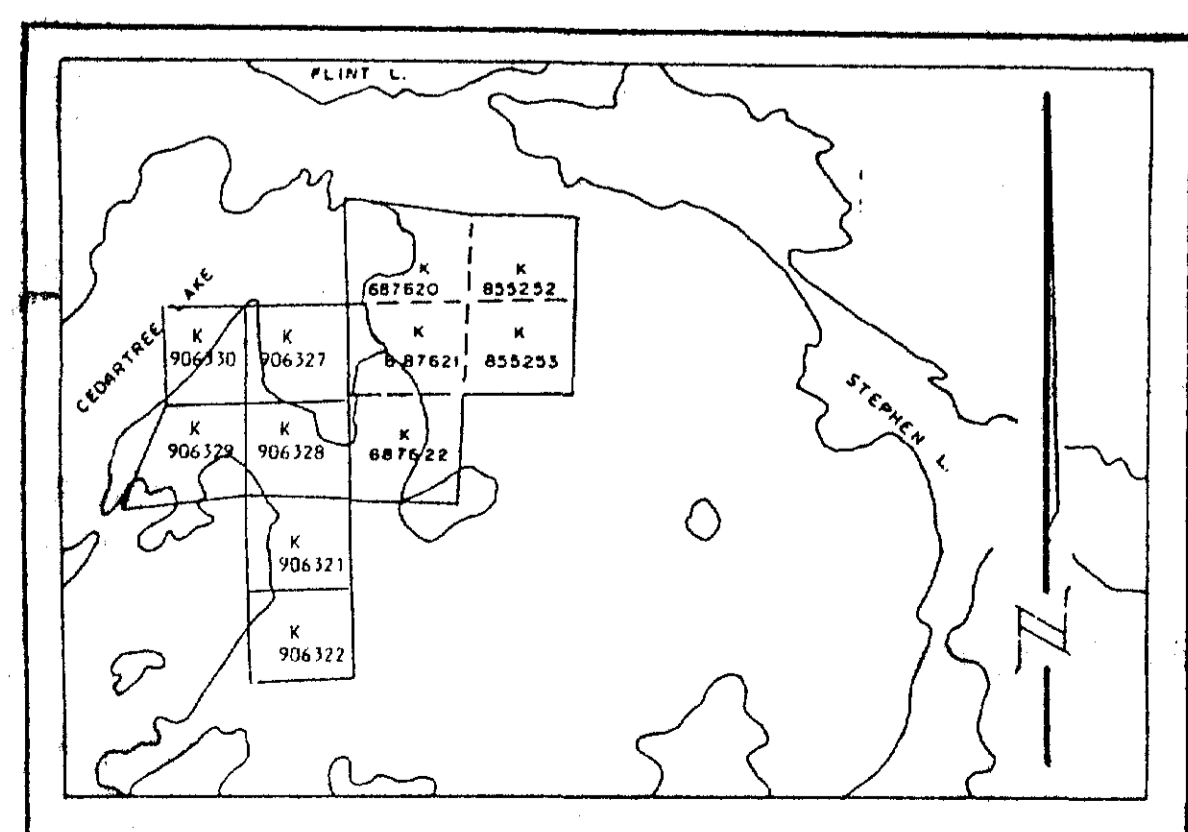
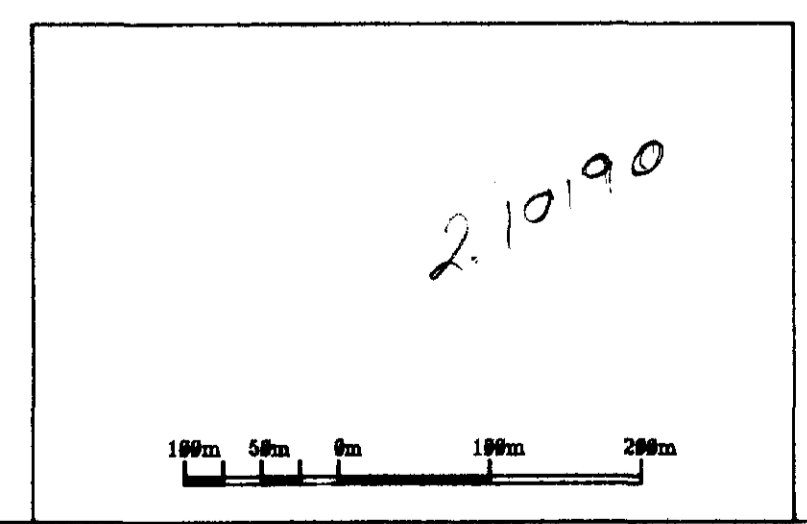
PROJECT: CEDERTREE LAKE 1-83 PROJECT # : 1-83
 BASELINE AZIMUTH : 360 Deg.

SCALE = 1: 5000 DATE : 5/ 6/87
 SURVEY BY : G.L. NTS : 52F
 FILE: M183ADD

G. La Plack



400 - M.O.L.



LOCATION PLAN
Cedartree Lake East Shore

Scale 1: 31,680



ADDITIONAL	
FRASER FILTER	
PROJECT: CEDERTREE LAKE 1-83 PROJECT # : 1-83 BASELINE AZIMUTH : 360 Deg.	
SCALE = 1: 5000	DATE : 5/ 6/87
SURVEY BY : G.L.	NTS : 52F
FILE: M183ADD	
<i>D. La Roche</i>	