010

REPORT ON

GEOPHYSICAL WORK

ON

HANNA PROPERTY

HANNA TOWNSHIP

FOR

COMSTATE RESOURCES LTD.

NTS: 42-A/14

MARCH 1991

S. TAYLOR
TIMMINS GEOPHYSICS LTD.

SUMMARY AND RECOMMENDATIONS

HLEM and magnetic surveys were carried out over selected ice covered areas of a 54 claim property in Hanna Township. This survey appends an original survey carried out in the fall of 1990.

The only HLEM anomaly located in the new results corresponds to the western extent of Anomaly 'N'. The magnetic results extend the pattern already established in the 1990 survey.

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INTRODUCTION

During January, 1991, magnetic and horizontal loop electromagnetic (HLEM) surveys were carried out for Comstate Resources Ltd. over selected areas of the Hanna Township Property which could not be surveyed in the original 1990 survey.

The property is located approximately fifty kilometres northeast of the city of Timmins in the Porcupine Mining Division (Figure 1). The claims, over which additional work was carried out are numbered P-1089138, P-1089149 and P-1089158.

The property was accessed via a Concession Road which branches west from Highway 11.

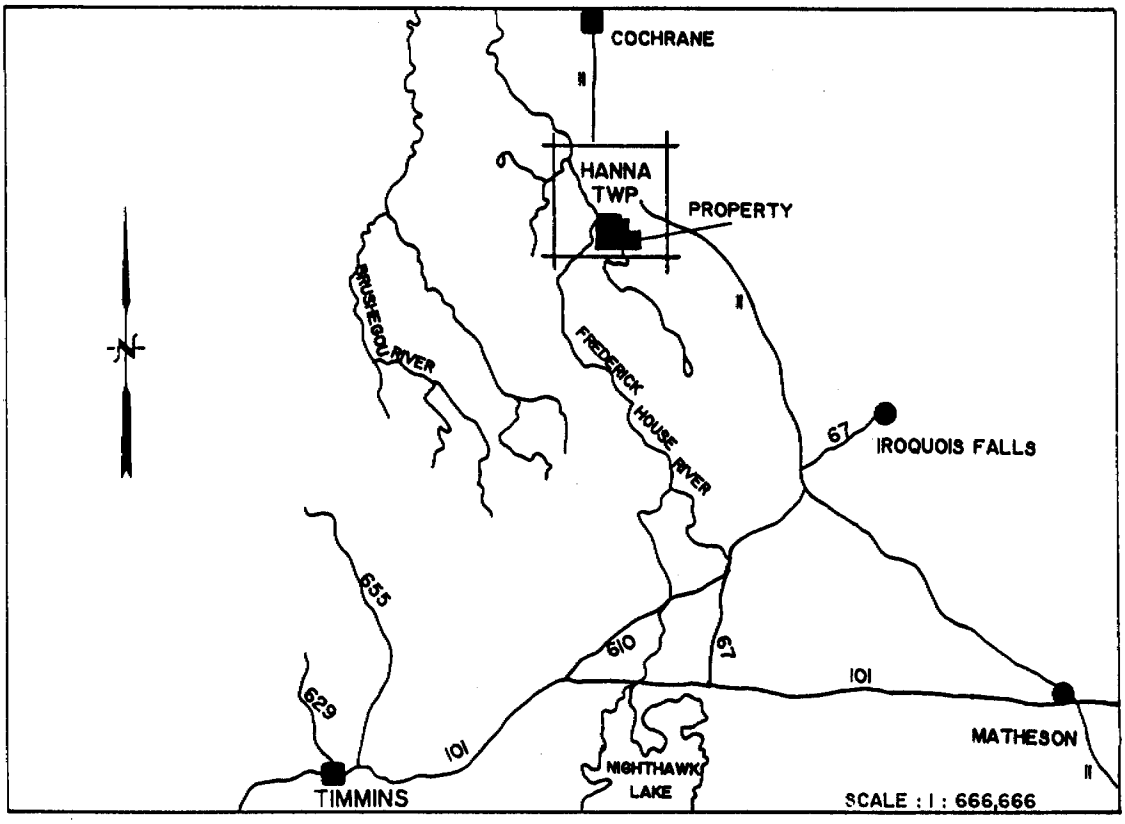
The field data was collected by J. DerWeduwen and L. Varin.

SURVEY DESCRIPTIONS

The grid on the property consists of north-south lines spaced every 125 metres and picketed every 25 metres. The areas surveyed in January are outlined on Figure 3.

The horizontal loop EM survey was carried out with the Apex Parametrics MaxMin I. This instrument measures the in-phase and quadrature components of the secondary field as a percentage of the primary field. Readings were taken every 25 metres using a coil separation of 150 metres and frequencies of 444 and 1777 Hertz.

The magnetic readings were taken with a Scintrex IGS-2/MP-4. This instrument is a proton precession magnetometer which measures the earth's total magnetic



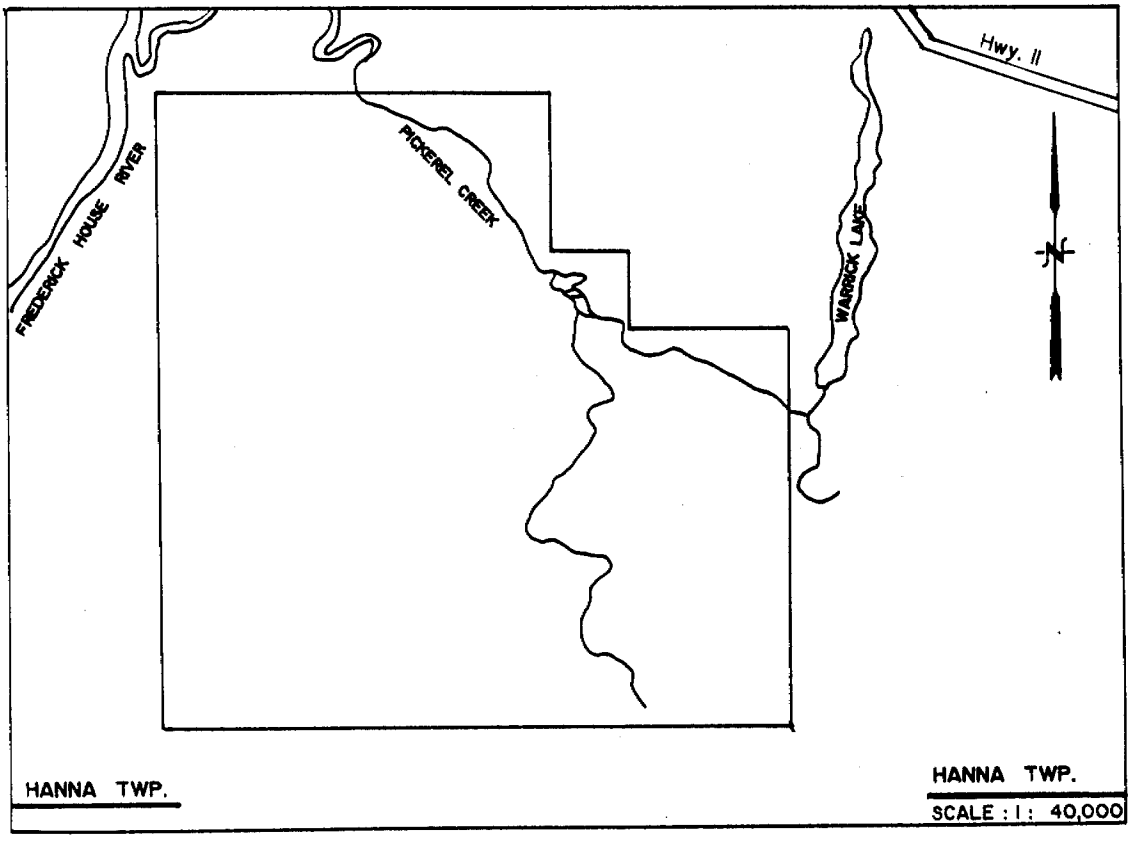
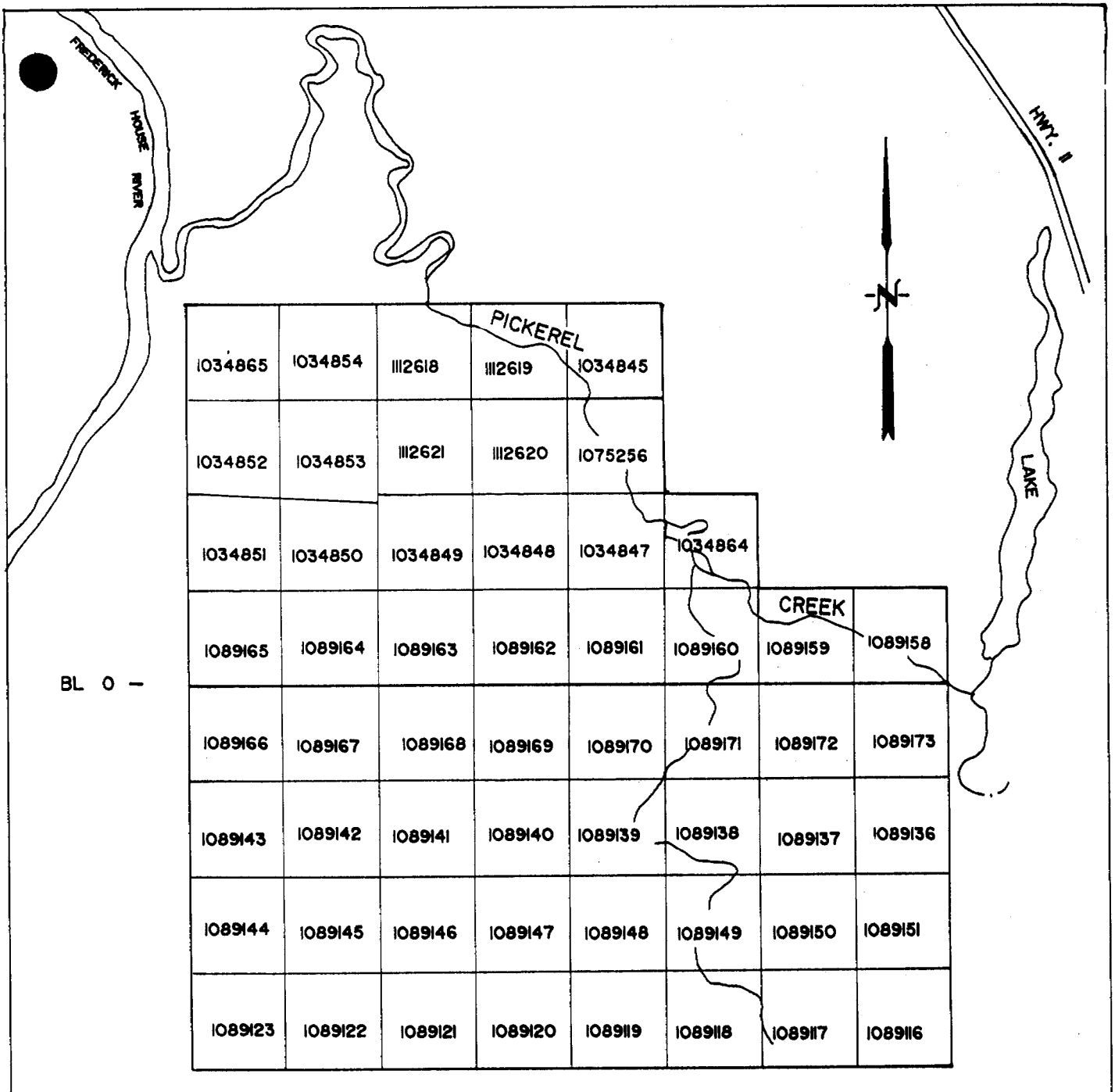


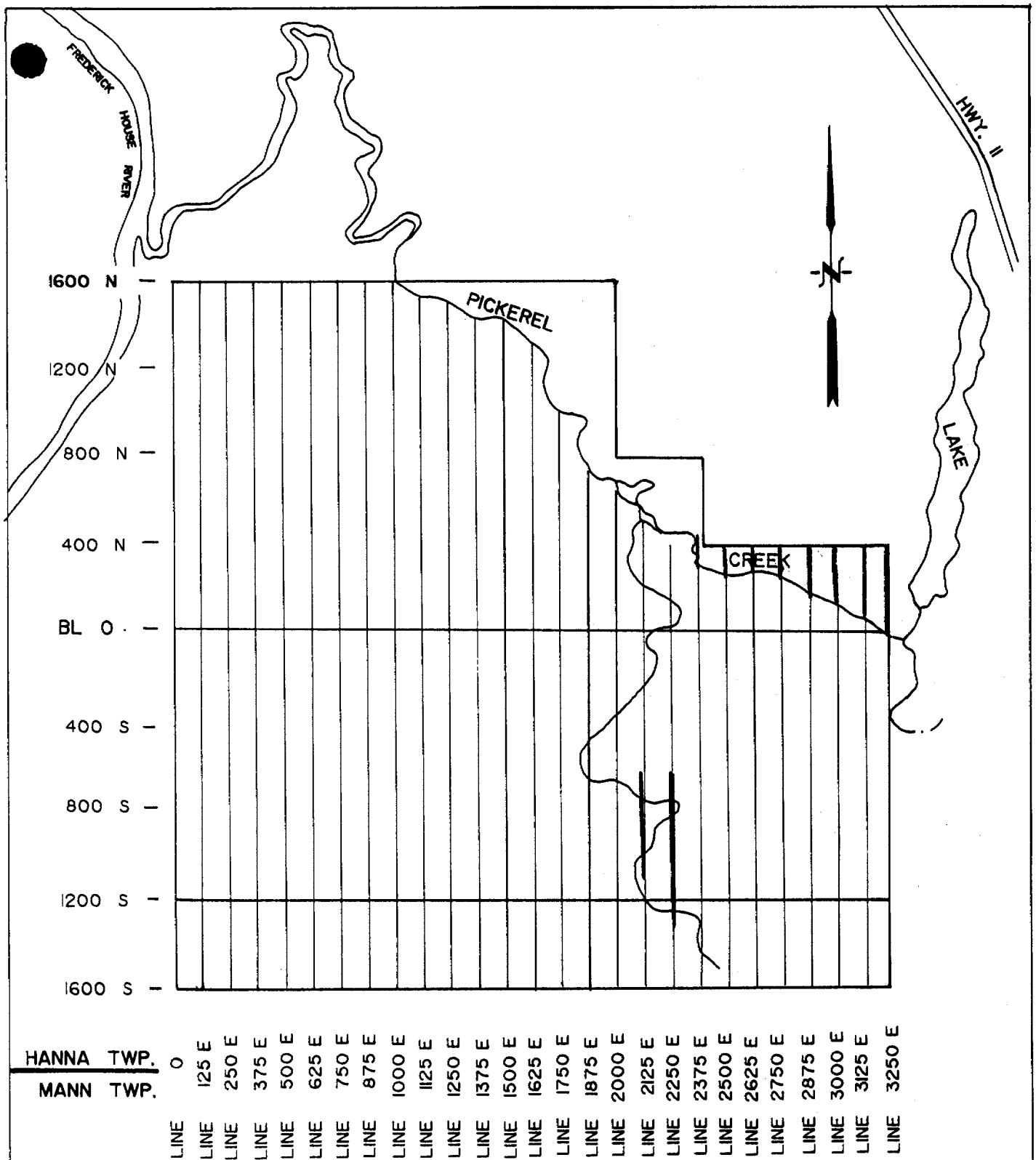
Figure 1(a) (b) : Location Maps



HANNA TWP.
MANN TWP.

HANNA TWP.
MANN TWP.

COMSTATE RESOURCES LTD.	
CLAIM MAP	
HANNA TOWNSHIP	
Scale : 1: 25000	Date : OCT 1990
TIMMINS GEOPHYSICS LTD.	



COMSTATE RESOURCES LTD.	
GRID SKETCH HANNA TOWNSHIP	
Scale : 1: 25000	Date : OCT 1990
TIMMINS GEOPHYSICS LTD.	

field to an accuracy of 0.1 gammas. Diurnal variations were monitored every 20 seconds with a Scintrex MP-3 base station magnetometer.

HLEM RESULTS

The results of the 1991 HLEM survey are appended to the 1990 results, and presented on maps 1 and 2 at a scale of 1:5000. The only anomaly located in the new results corresponds to the western extent of Anomaly 'N'.

ANOMALY 'N'

Anomaly 'N' is present between Lines 2125 and 2500 East. It is a very strong conductor at a depth of 80 to 90 metres on the two eastern lines, and a weak conductor at a shallow depth on the two western lines (Table 1). The large width and the shape of the profile indicates there are at least two distinct conductors on Line 2375 East. There are no positive shoulders on the in-phase component and it is assumed that the dip is vertical for calculations. The positive quadrature readings on either side of the anomaly reflect high bedrock topography.

The depth and conductivity on Lines 2125 and 2250 East are not consistent with lines to the east, however, calculations on the new lines may be inaccurate because of the positive quadrature background.

LINE	ANOMALY CENTRE	ANOMALY WIDTH (M)	IP (%)	Q (%)	DEPTH (M)	CONDUCTIVITY THICKNESS (MHOS)	COMMENTS
2125 E	850 S	NARROW	-4	-5	34	4	
2250 E	875 S	NARROW	-4	-10	15	2	
2375 E	921 S	58	-4	-1	>90	100	TWO CONDUCTORS
2500 E	911 S	11	-8	-1	82	>100	ASSUME DIP = 90

Table 1: Anomaly 'N ', 444 Hz, 150 metre coil separation.

MAGNETIC RESULTS

The magnetic results are appended to the 1990 survey and plotted on Map 3 at a scale of 1:5000.

The results extend the magnetic patterns already established in the 1990 survey. Anomaly 'N' lies at the southern edge of a major magnetic high.

Mar 20/91

DATE

Sharon Taylor

SHARON TAYLOR
TIMMINS GEOPHYSICS LTD.

APPENDIX A

Ministry of Northern Development and Mines

Ontario

Geophysical-Geological-Geochemical Technical Data Statement

File _____

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) GEOPHYSICAL

Township or Area HANNA TOWNSHIP

Claim Holder(s) COMSTATE RESOURCES LTD.
SUITE 901, 1015 4th St. S.W., CALGARY, Alta T2R 1J4

Survey Company TIMINS GEOPHYSICS LTD.

Author of Report S. TAYLOR

Address of Author P.O. Box 1783, SOUTH PORCUPINE, Ontario P0N 1H0

Covering Dates of Survey Jan. 28/91 - Jan.31/91
(linecutting to office)

Total Miles of Line Cut 1.5 km

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	
–Electromagnetic	10
–Magnetometer	20
–Radiometric	
–Other	
Geological	
Geochemical	

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

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

DATE: Mar. 20/91 SIGNATURE: Shaun Taylor
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
P	1089138
	1089149
	1089158

If space insufficient, attach list

TOTAL CLAIMS 3

OFFICE USE ONLY

837 (85/12)

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 57 Number of Readings Mag - 57 Hlem - 100

Station interval 25 metres Line spacing 125 metres

Profile scale 1 cm = 20% (444 Hz) - 1 cm = 40% (1777 Hz)

Contour interval

MAGNETIC

Instrument Scintrex IGS-2/MP-4

Accuracy – Scale constant ± .1 gamma

Diurnal correction method Scintrex MP-3 Base Station Magnetometer

Base Station check-in interval (hours) 20 seconds

Base Station location and value Line 250 East - 1220 South

58539

ELECTROMAGNETIC

Instrument Apex Parametrics MaxMin I

Coil configuration Horizontal Loop

Coil separation 150 metres

Accuracy 1%

Method: ☐ Fixed transmitter ☐ Shoot back ☒ In line ☐ Parallel line

Frequency 444 Hz - 1777 Hz
(specify V.L.F. station)

Parameters measured In-phase and quadrature components of secondary field measured as percent 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 Northern Development and Mines

Ontario

DOCUMENT No. W 9103-00047

42A15NW0001 2.14025 HANNA

900

Mining Act

Report of Work
(Geophysical, Geological and Geochemi

Type of Survey(s)	Mining Division	Township or Area
GEOPHYSICS	PORCUPINE	HANNA TOWNSHIP

Recorded Holder(s)	Prospector's Licence No.
COMSTATE RESOURCES LTD. 2.14025	T-1127
Address	**Telephone No.**
Suite 901, 1015 4th St. S.W., CALGARY, Alberta T2R 1J4	(403)265-6973

Survey Company
TIMMINS GEOPHYSICS LTD.

Name and Address of Author (of Geo-Technical Report)
S. TAYLOR, P.O.Box 1783, South Porcupine, Ontario PON 1H0

Date of Survey (from & to)

From Day	From Mo.	From Yr.	To Day	To Mo.	To Yr.
28	01	91	30	01	91

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical - Electromagnetic 10	~~20~~
	Geophysical - Magnetometer 10	~~40~~
For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical - Other	
	Geological	
	Geochemical	

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

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

Total miles flown over claim(s).

Date	Recorded Holder or Agent (Signature)
Jan. 30/91	I Douglas Londry

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Mining Claim Prefix	Mining Claim Number	Mining Claim Prefix	Mining Claim Number
P	1089149	MAX. REACHED			
	1089158	"	"		
	~~1089159~~ 1089138	AMENDMENT ATTACHED			

RECEIVED
FEB 28 1991
MINING LANDS SECTION

RECORDED
JAN 30 1991

Total number of mining claims covered by this report of work. 3

Certification Verifying Report of Work

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

Name and Address of Person Certifying	Telephone No.	Date	Certified By (Signature)
D. LONDRY P.O. Box 1783 SOUTH PORCUPINE, ONT PON 1H0	235-4592	Jan. 30/91	I Douglas Londry

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
60	JAN 30/91	"ACTG." Robert Bailey	PORCUPINE MINING DIVISION RECEIVED JAN 30 1991 330PM
	Date Approved as Recorded	Provincial Manager, Mining Lands	
	"SEE REVISED WORK STATEMENT"		

1362 (89/06)

Ontario Northern Development and Mines

Mining Act

Report of Work
(Geophysical, Geological and Geochemical Surveys)

- Please type or print.
- Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
- If number of mining claims traversed exceeds space on this form attach a list.
- Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

2.14025

Type of Survey(s): GEOPHYSICS	Mining Division: PORCUPINE	Township or Area: HANNA TOWNSHIP
Recorded Holder(s): COMSTATE RESOURCES LTD.		Prospector's Licence No.: T-1127
Address: Suite 901, 1015 4th St. S.W., CALGARY, Alberta T2R 1J4		Telephone No.: (403)265-6973
Survey Company: TIMMINS GEOPHYSICS LTD.		
Name and Address of Author (of Geo-Technical Report): S. TAYLOR, P.O.Box 1783, South Porcupine, Ontario P0N 1H0		Date of Survey (from & to): 28 01 91 – 30 01 91

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical - Electromagnetic	10 ~~20~~
	- Magnetometer	20 ~~40~~
For each additional survey: using the same grid: Enter 20 days (for each)	- Other	
	Geological	
	Geochemical	
Man Days		**Days per Claim**
Complete reverse side and enter total(s) here	Geophysical - Electromagnetic	
	- Magnetometer	
	- Other	
	Geological	
	Geochemical	
Airborne Credits		**Days per Claim**
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Other	

Total miles flown over claim(s).

Date: Jan. 30/91 — Recorded Holder or Agent (Signature): [signature]

Mining Claims Traversed (List in numerical sequence)

Prefix	Number	Prefix	Number	Prefix	Number
P	1089149				
	1089138				
	~~1089139~~				
	1089139				
	~~1089140~~				

PORCUPINE MINING DIVISION
RECEIVED
FEB 19 1991
11:20 (F)

Total number of mining claims covered by this report of work: 3

Certification Verifying Report of Work

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

Name and Address of Person Certifying: D. LANDRY P.O. BOX 1783 SOUTH PORCUPINE ONT P0N 1H0

Telephone No.: 235-4592 — Date: Jan. 30/91 — Certified By (Signature): [signature]

Received Stamp:
PORCUPINE MINING DIVISION
RECEIVED
JAN 30 1991
3:30 pm

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Provincial Manager, Mining Lands

Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Lands Section
159 Cedar Street, 4th Floor
Sudbury, Ontario
P3E 6A5

Telephone: (705) 670-7264
Fax: (705) 670-7262

Your File: W.9106.00047
Our File: 2.14025

June 13, 1991

Mining Recorder
Ministry of Northern Development
and Mines
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir/Madam:

RE: Notice of Intent dated May 13, 1991 for Geophysical (Electromagnetic and Magnetometer) Surveys on mining claim P.1089158 in the Township of Hanna.

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,

Ron C Gashinski

Ron. C. Gashinski,
Provincial Manager, Mining Lands
Mines & Minerals Division

LJS/jl
Enclosures:

cc: Comstate Resources Ltd.
Calgary, Alberta

✓Assessment Files Office
Toronto, Ontario

Timmins Geophysics Ltd.
South Porcupine, Ontario

Resident Geologist
Timmins, Ontario

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File: 2.14025

Date: May 13, 1991

Mining Recorder's Report of Work No.: W.9106.00047

Recorded Holder: Comstate Resources Ltd.

Township or Area: Hanna Township

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	P.1089158
Electromagnetic 10 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 ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ 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

10 days credit electromagnetic and 0 days magnetometer: P.1088149.
5 days credit electromagnetic and 0 days credit magnetometer: P.1089138

Note: Maximum credtis allowed under special provisions have been reached with these credits.

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) - 80.

2.14025

TIMMINS GEOPHYSICS LTD.
P.O. Box 1783
South Porcupine, Ont.
P0N 1H0 (705) 235-4592

March 20, 1991

Lucille Jerome
Ministry of Northern Development and Mines
159 Cedar Street
SUDBURY, Ontario
P3E 6A5

Dear Lucille,

Enclosed please duplicate copies of the geophysics report for Hanna Township claims: P-1089138, 1089149 and 1089158.

Please append this to your file number 2.13767.

Regards,

Sharon Taylor

Sharon Taylor

TIMMINS GEOPHYSICS LTD.

Ministry of Northern Development and Mines

Ontario

Geophysical-Geological-Geochemical Technical Data Statement

2.14025

File _____

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) GEOPHYSICAL

Township or Area HANNA TOWNSHIP

Claim Holder(s) COMSTATE RESOURCES LTD.
SUITE 901, 1015 4th St. S.W., CALGARY, Alta T2R 1J4

Survey Company TIMINS GEOPHYSICS LTD.

Author of Report S. TAYLOR

Address of Author P.O. Box 1783, SOUTH PORCUPINE, Ontario P0N 1H0

Covering Dates of Survey Jan. 28/91 - Jan.31/91
(linecutting to office)

Total Miles of Line Cut 1.5 km

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	
–Electromagnetic	10
–Magnetometer	20
–Radiometric	
–Other	
Geological	
Geochemical	

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

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

DATE: Mar 20/91 SIGNATURE: Sharon Taylor
Author of Report or Agent

Res. Geol. _____ Qualifications 28510

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
P	1089138
	1089149
	1089158

If space insufficient, attach list

RECEIVED
MAR 26 1991
MINING LANDS SECTION

TOTAL CLAIMS 3

OFFICE USE ONLY

637 (85/12)

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 57 Number of Readings Mag - 57 Hlem - 100

Station interval 25 metres Line spacing 125 metres

Profile scale 1 cm = 20% (444 Hz) - 1 cm = 40% (1777 Hz)

Contour interval

MAGNETIC

Instrument Scintrex IGS-2/MP-4

Accuracy – Scale constant ± .1 gamma

Diurnal correction method Scintrex MP-3 Base Station Magnetometer

Base Station check-in interval (hours) 20 seconds

Base Station location and value Line 250 East - 1220 South

58539

ELECTROMAGNETIC

Instrument Apex Parametrics MaxMin I

Coil configuration Horizontal Loop

Coil separation 150 metres

Accuracy 1%

Method: ☐ Fixed transmitter ☐ Shoot back ☒ In line ☐ Parallel line

Frequency 444 Hz - 1777 Hz
(specify V.L.F. station)

Parameters measured In-phase and quadrature components of secondary field measured as percent 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

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)

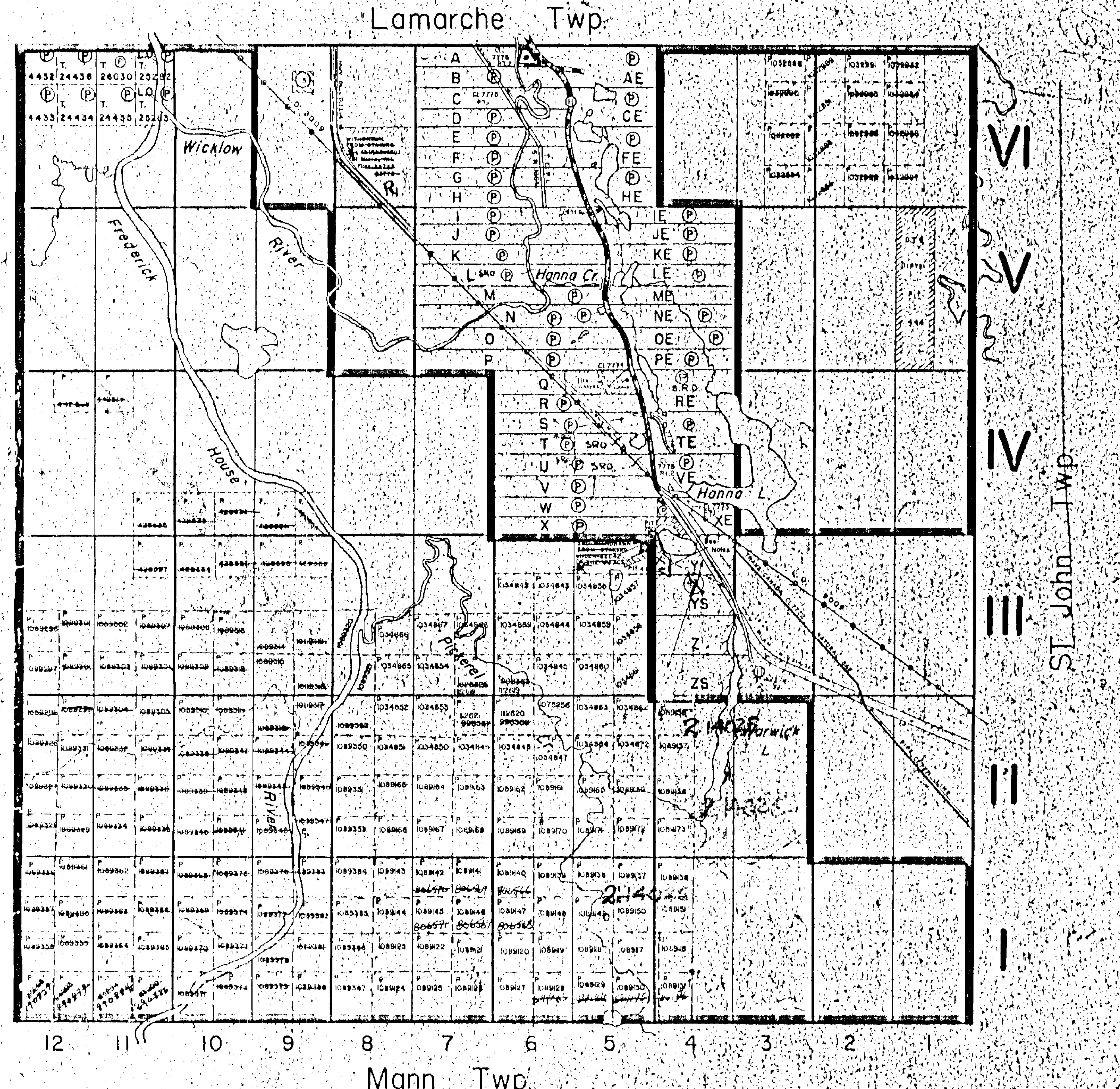
Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____



TION THAT
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J. G.

200

THE TOWNSHIP OF HANNA

DISTRICT OF COCHRANE

PORCUPINE MINING DIVISION

SCALE 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	Ⓟ
CROWN LAND SALE	C.S.
LEASES	Ⓛ
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
ROADS	
IMPROVED ROADS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
KING'S HIGHWAY	

NOTES

400' Surface rights reservation around all lakes & rivers.

RECEIVED

REG. PLAN NO. M. 67 COVERS LOTS "A" TO ... IN CON. 5 TO CON. 6

Surface Rights Only reserved to Dept. of Lands & Forests shown thus : File 28767

See L. & F. File 96605 - 122598 Re Gravel On Loc. XE & Loc. Y

...aking under Section ... (RSO 1970)

			Disposition
W. 54/73	(43) 98773	27/11/73	S.R.O.
W 32/74	(43) 96605	12/6/74	S.R. & M.R.
NRO V85		01/4/85	SRO

R1 - S.R. & M.R. REOPENED FOR STAKING

L.U.P. - X

X L.U.P. Reopened: N.R.O. 74/84

Received May 5/80

PLAN NO. - M 490

ONTARIO

MINISTRY OF NATURAL RESOURCES

SURVEYS AND MAPPING BRANCH

LINE 0 | LINE 125 E | LINE 250 E | LINE 375 E | LINE 500 E | LINE 625 E | LINE 750 E | LINE 875 E | LINE 1000 E | LINE 1125 E | LINE 1250 E | LINE 1375 E | LINE 1500 E | LINE 1625 E | LINE 1750 E | LINE 1875 E | LINE 2000 E | LINE 2125 E | LINE 2250 E | LINE 2375 E | LINE 2500 E | LINE 2625 E | LINE 2750 E | LINE 2875 E | LINE 3000 E | LINE 3125 E | LINE 3250 E

1600 N — 1400 N — 1200 N — 1000 N — 800 N — 600 N — 400 N — 200 N — 0 — 200 S — 400 S — 600 S — 800 S — 1000 S — 1200 S — 1400 S — 1600 S — 1800 S

FREDERICK HOUSE RIVER

PICKEREL CREEK

WARRICK LAKE

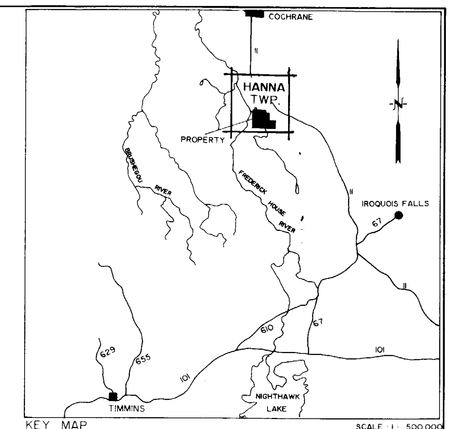
POND

CON III / CON II

CON II / CON I

LOT 8 | LOT 7 | LOT 6 | LOT 5 | LOT 4

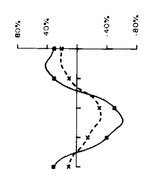
KEY MAP



SCALE : 1 : 500,000

Claimposts :
- ■ Located
- □ Unlocated
- — — Anomaly

Instrument : Apex Parametrics MaxMin I
Frequency : 1777 Hz
Coil Separation : 150 metres
Profile Scale : 1 cm = 40%



In-phase
Quadrature

2.14025

COMSTATE RESOURCES LTD.	
HLEM SURVEY	
HANNA PROPERTY	
NTS : 42-A/14/5	PROJ #: 6145
SCALE : 1: 5000	DATE : OCTOBER 1990
FILE : HANNA.HL	Sharon Taylor
WORK BY : Timmins Geophysics Ltd.	

42A15NW0001 2.14025 HANNA

210

LINE 125 E
LINE 250 E
LINE 375 E
LINE 500 E
LINE 625 E
LINE 750 E
LINE 875 E
LINE 1000 E
LINE 1125 E
LINE 1250 E
LINE 1375 E
LINE 1500 E
LINE 1625 E
LINE 1750 E
LINE 1875 E
LINE 2000 E
LINE 2125 E
LINE 2250 E
LINE 2375 E
LINE 2500 E
LINE 2625 E
LINE 2750 E
LINE 2875 E
LINE 3000 E
LINE 3125 E
LINE 3250 E

1600 N
1400 N
1200 N
1000 N
800 N
600 N
400 N
200 N
0
200 S
400 S
600 S
800 S
1000 S
1200 S
1400 S
1600 S
1800 S

FREDERICK HOUSE RIVER

PICKEREL CREEK

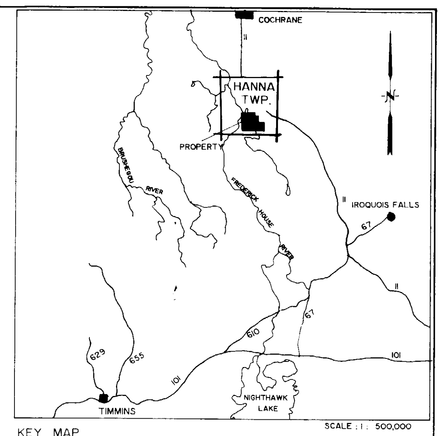
WARRICK LAKE

POND

CON III
CON II
CON II
CON I

LOT 8 | LOT 7 | LOT 6 | LOT 5 | LOT 4

220



KEY MAP

Claimposts :
■ Located
□ Unlocated
Anomaly
DDH

Instrument : Apex Parametrics MaxMin I
Frequency : 444 Hz
Coil Separation : 150 metres
Profile Scale : 1 cm = 20%

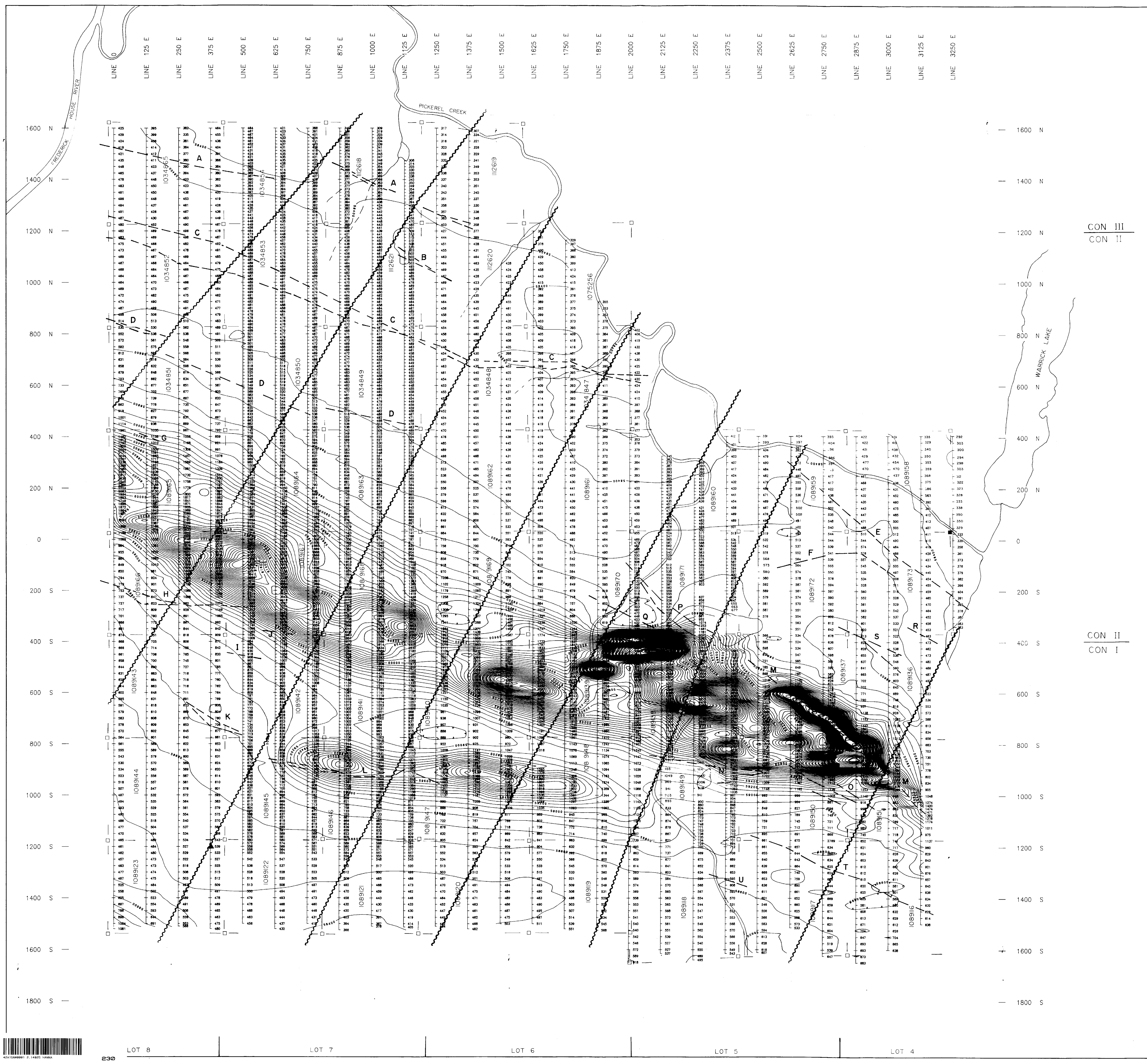
In-phase
Quadrature

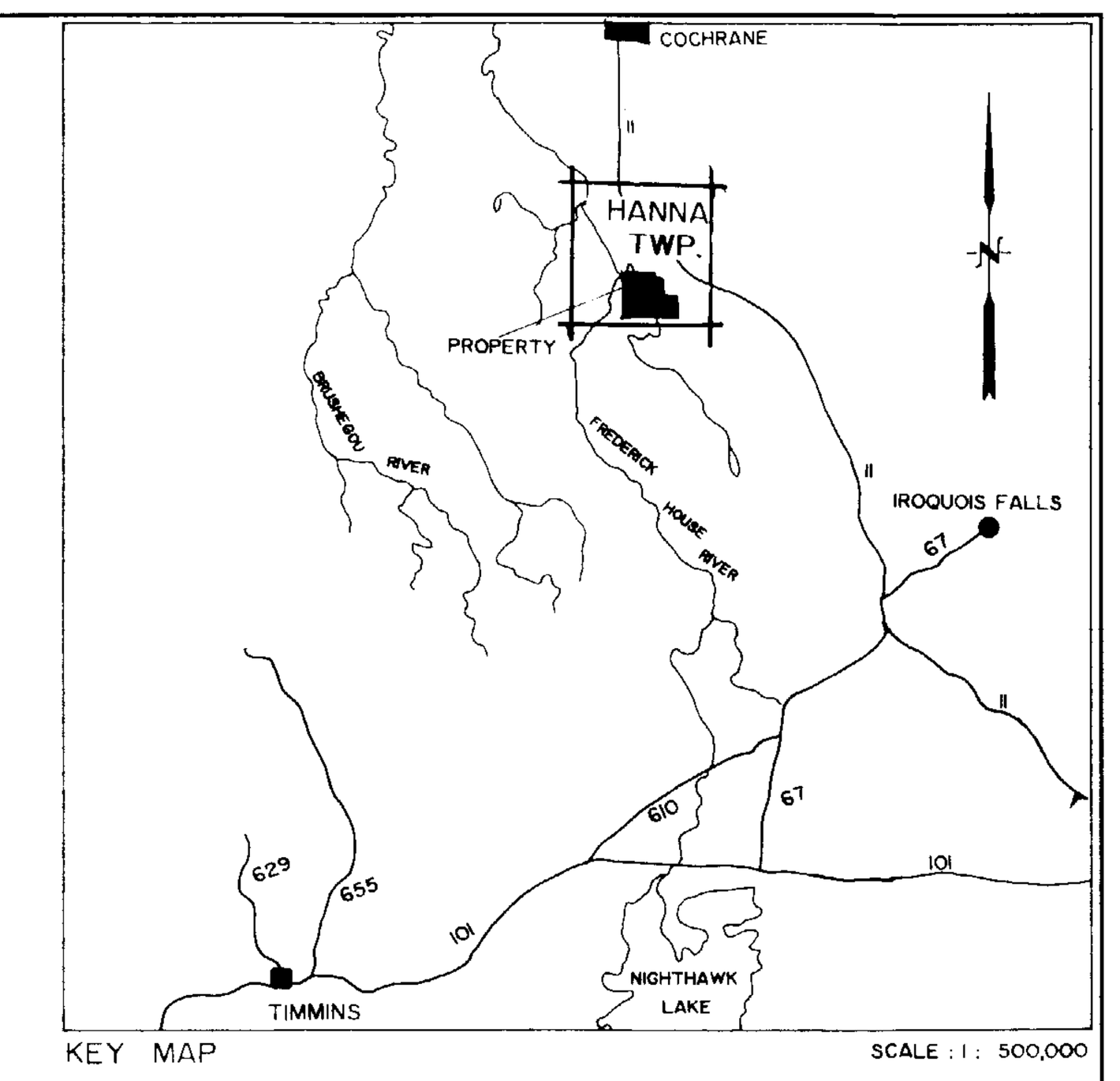
2.14025

COMSTATE RESOURCES LTD.
HLEM SURVEY
HANNA PROPERTY

NTS : 42-A/14,15	PROJ #: 6145
SCALE : 1: 5000	DATE : OCTOBER 1990
FILE : HANNA.HL	Sharon Taylor
WORK BY : Timmins Geophysics Ltd.	

42A15NW0001 2.14025 HANNA


LINE 0
LINE 125 E
LINE 250 E
LINE 375 E
LINE 500 E
LINE 625 E
LINE 750 E
LINE 875 E
LINE 1000 E
LINE 1125 E
LINE 1250 E
LINE 1375 E
LINE 1500 E
LINE 1625 E
LINE 1750 E
LINE 1875 E
LINE 2000 E
LINE 2125 E
LINE 2250 E
LINE 2375 E
LINE 2500 E
LINE 2625 E
LINE 2750 E
LINE 2875 E
LINE 3000 E
LINE 3125 E
LINE 3250 E
1600 N
1400 N
1200 N
1000 N
800 N
600 N
400 N
200 N
0
200 S
400 S
600 S
800 S
1000 S
1200 S
1400 S
1600 S
1800 S
PICKEREL CREEK
FREDERICK HOUSE RIVER
WARRICK LAKE
CON III
CON II
CON I
LOT 8
LOT 7
LOT 6
LOT 5
LOT 4



Claimposts :
■ Located
□ Unlocated
— — Anomaly (444 Hz)
▲ Base Station
〰 Possible Faults

Instrument : Scintrex IGS-2/MP-4
Type : Total Field Proton Precession
Datum Level : 58000 gammas
Contour Interval : 100 gammas

2.14025

COMSTATE RESOURCES LTD.	
MAGNETIC SURVEY	
HANNA TOWNSHIP	
NTS : 42-A/14/5	PROJ #: 6145
SCALE : 1: 5000	DATE : OCTOBER 1990
FILE : HANNA.MAG	Sharon Taylor
WORK BY : Timmins Geophysics Ltd.	

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