Comstate Resources Ltd

Geological Report

Hanna Township Property

Timmins Area

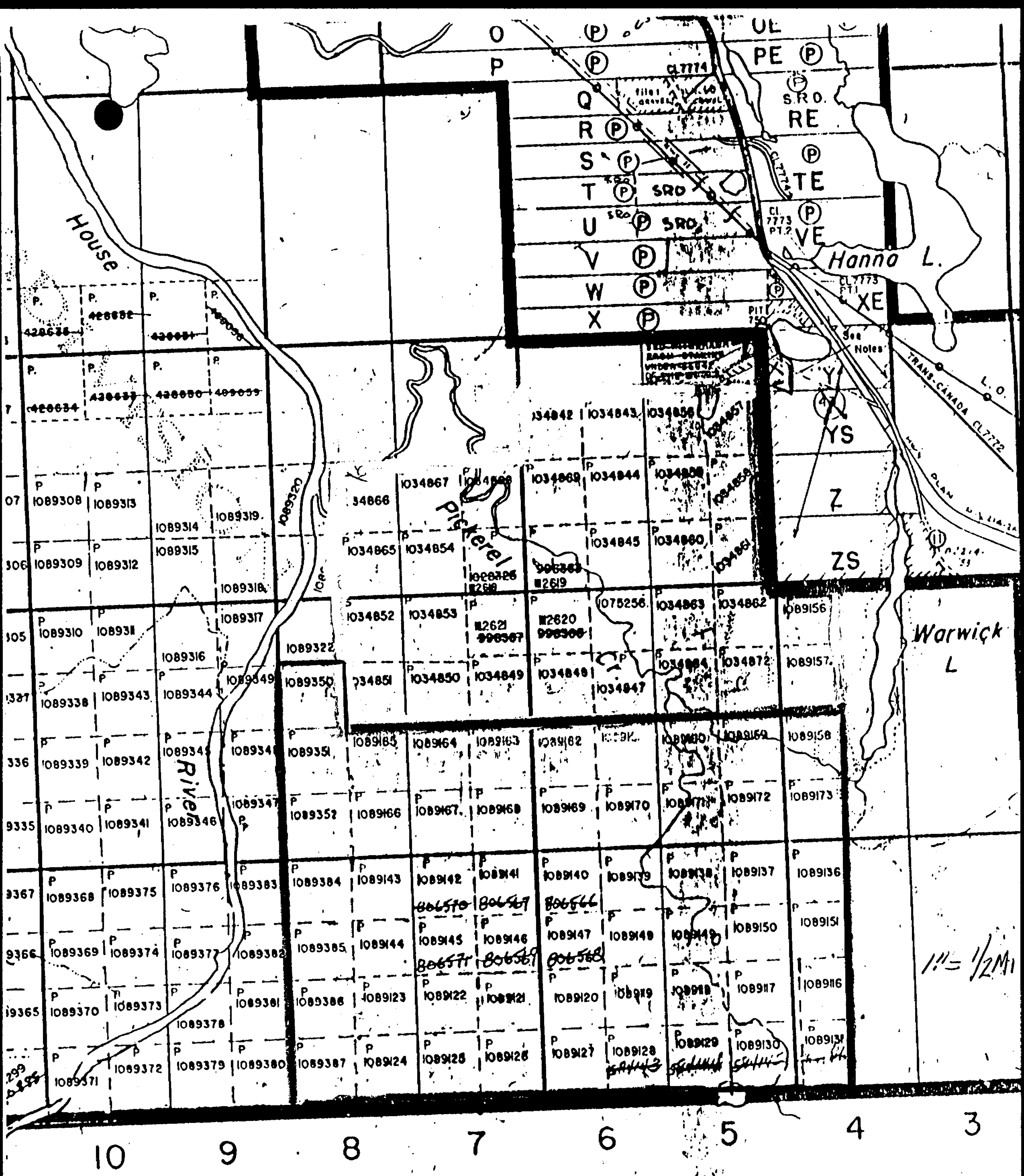
May, 1990

D. R. Pyke

ONTARIO
DIVISION OF MINES

HONOURABLE LEO BERNIER, Minister of Natural Resources
W. Q. MACNEE, Deputy Minister of Natural Resources
G. A. Jewell, Executive Director, Division of Mines E. G. Pye, Director, Geo

Qb Ra Adjoins Map 2161 Cocl


House River
Pickerel Cr.
Hanna L.
Warwick L
TRANS-CANADA CL7772
O
P
Q
R
S
T
U
V
W
X
PE
RE
TE
VE
XE
Y
YS
Z
ZS
SRO
S.R.O.
See Notes
1" = 1/2 Mi
10
9
8
7
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5
4
3

Mann Twp.

Contents

Figures - Location

Claim map

Airborne Mag - INPUT

Map - Geological

Comstate Resources Ltd

Geological Report

Hanna Township Property

Introduction

This report covers the general geology of 55 claims in south central Hanna Township, Porcupine Mining Division. The property is held by Comstate Resources Ltd and includes the following claims:

P1089116 - 131 inclusive

P1089136 - 151 inclusive

P1089158 - 173 inclusive

P1089350 - 352 inclusive

P1089384 - 387 inclusive

Access and location

The claim group is approximately 35 miles NE of Timmins and 11 miles south of Cochrane. Access to the west part of the property is via a logging road which extends west from Highway 11 in Newmarket Township; the road passes westward through Mann Township and hence north to Hanna Township, traversing the western half of the claim group. Those parts of the claim group east of Pickerel Creek are in part best reached by trails extending SW from Highway 11 near the north part of Warwick Lake.

Previous Work

Other than regional compilation maps, the only published geological map of Hanna Township is a preliminary map by Hunt and Richard (1980).

Only minimal exploration work has been reported on the claim group.

The earliest was that of Canadian John Mansville Company Limited, who in 1950, conducted a ground magnetic survey over the central portion of the current claim group, essentially covering the large magnetic high depicted on the recent airborne survey by the Ontario government (OGS, 1988).

In 1965, Cromarty Mines Ltd held 54 claims in Hanna Township, 21 of which covered a portion of the current property. One hole (C5-5) was drilled and intersected minor felsic volcanics and tuffaceous sediments, hosting a wide drill intersection (150') of banded magnetite iron formation. The hole bottomed in 100 feet of highly carbonatized mafic flows.

In 1973, Derry Michener and Booth conducted a ground magnetic and Turam horizontal loop survey over three claims in the N1/2 of lot 6 conc 1, Hanna Township. Conductive features were attributed to overburden.

In 1977, Shell Canada Resources Limited conducted a ground magnetic survey over much of the south half of the current property.

In 1977, Geophysical Engineering Limited drilled one hole to test a conductive zone near the east boundary of the property and intersected basalt and graphitic sediments. The main conductive zone (229.5'-246.6') consisted of siltstone and graphitic shale with 9 to 15 percent pyrrhotite. One 8.6 foot sample assayed 0.5% Zn, 0.05%Cu, 0.01%Ni, 2.7ppm Ag and 55ppb Au.

In 1980, H. D. Carlson held a group of 8 claims straddling the Hanna - Mann Township boundary in lots 4 to 6. A VLF survey failed to define any bedrock conductors.

Present Survey

The present survey was conducted intermittently by D. Pyke and B. Raine over the period June 20 - November 14, 1989, and by B. Raine during the period April 26 - May 22, 1990. In the eastern part of the property a

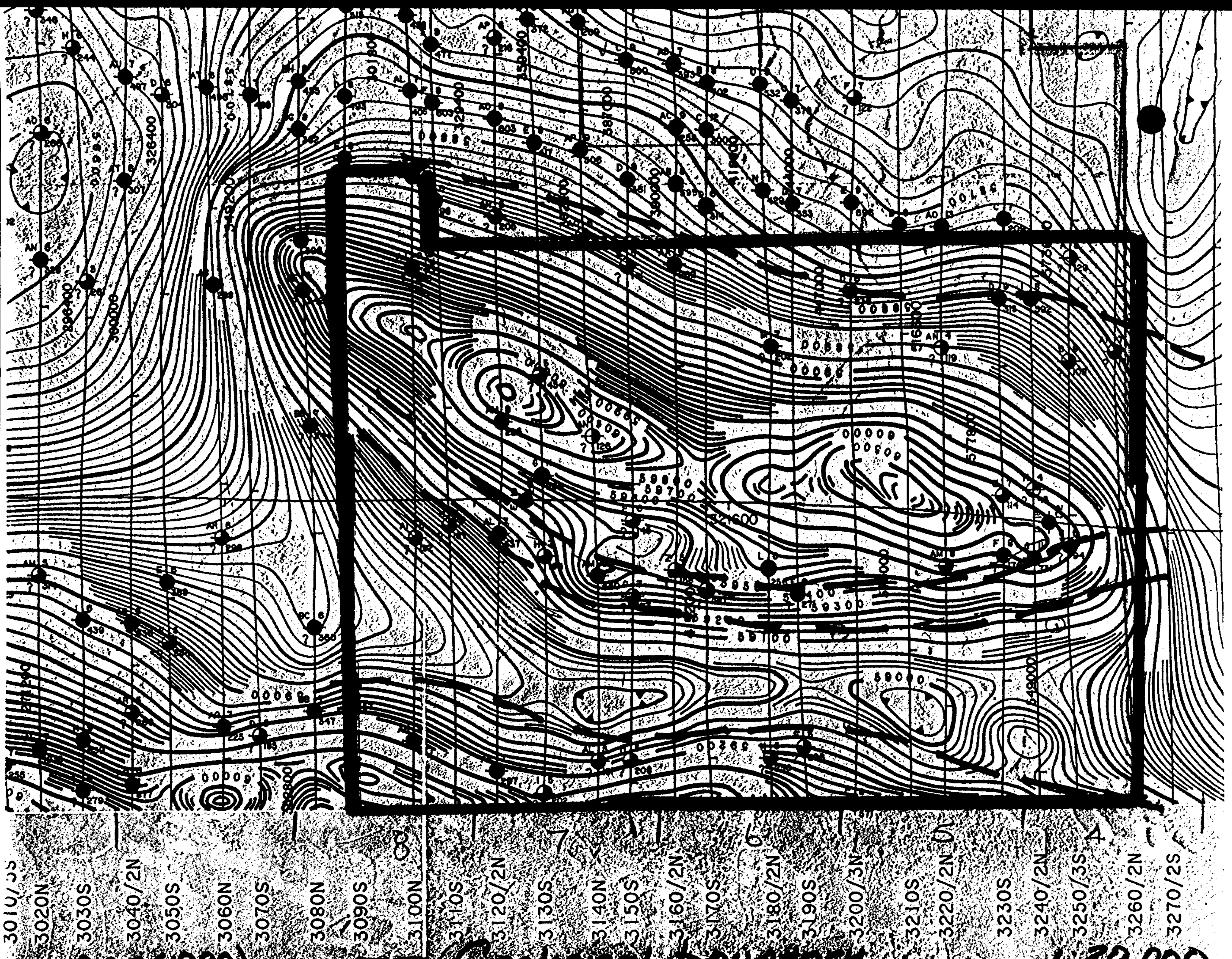
flagged base line was established along the claim boundary for mapping control. For the western part of the property (ie.- west of Pickerel Creek) the logging road provided the necessary control for locating claim lines and traverse lines. All east-west claim lines and most north-south claim lines were traversed. In addition, E-W pace and compass lines were run a approximately 400 foot intervals between claim lines. Areal photographs (1"=1/4 mile) assisted in traverse locations. Locally abundant windfalls or beaver dams and swampy areas necessitated deviations in the traverse lines. No outcrop was found on the claim group.

Property Geology

The lack of outcrop precludes any detailed interpretation of the geology. Nevertheless, the recent airborne survey of the Timmins area (OGS, 1988) provides insite into the underlying bedrock. Stratigraphic tops on the property are presumed to be northerly.

The dominant feature on the property is a large magnetic high trending WNW across the northern part of the property (Figure 3). This is interpreted to be largely ultramafic flows. Diamond drilling by Cromarty Exploration immediately north of the magnetic high intersected interlayered komatiitic and mafic volcanics (File T-1049).

The south portion of the magnetic high is interpreted as an intermixed zone of iron formation, mafic-felsic volcanics and graphitic sediments. This is on the basis of the diamond drill holes of Cromarty (#C5-5) and Geophysical Engineering (#PP4-5). The exact location of these drill holes, however, is problematical. Hole C5-5 intersected 150 feet of magnetite iron formation, yet the assessment files show the drill hole as being in an area of low magnetics. The hole is intepreted to be approximately a claim length further north than that shown in the assessment files, and is plotted as such on the accompanying map. Hole PP4-5 intersected a wide



OGS(1988) —·— (Geological boundary) FIG 8 1:20,000

graphitic conductor, yet there is no airborne conductor (OGS,1988) proximal to the drill hole as reported in the assessment files (File T-1764). Again, the hole is interpreted as being approximately one claim length further north than that recorded in the files. This interpretation appears reasonable as it better reflects the airborne magnetic and INPUT surveys (OGS, 1988).

The area of low magnetics south of the iron formation-graphitic sediments is interpreted as mainly felsic volcanics and tuffaceous sediments, largely on the basis of diamond drilling reported along strike, but west of the Fredrick House River in southern Hanna Township.

An area of high magnetics along the north boundary of Mann Township extends into the south part of Hanna Township. Diamond drilling in Mann Township and west of the current property in Hanna Township, indicates the unit is composed of mafic and lesser felsic volcanics intruded by numerous gabbroic sills.

Conclusions and Recommendations

The property contains a number of untested INPUT conductors, in what appears to be favorable stratigraphy for both gold and base metal mineralization. It is recommended that a grid be cut on the property and magnetic and Max-Min surveys be undertaken to outline potential drill targets.

D R Lypka.

References

Hunt, D. S. and Richard, J. A.

1980: Hanna Township; Ontario Geol. Survey, Prelim. Map P2307. Scale 1 inch to 1/4 mile.

Ontario Geological Survey (OGS)

1988: Airborne Electromagnetic and Total Intensity Survey, Timmins Area, Hanna Township. Scale 1:20,000.

Ontario

Ministry of Natural Resources

File _____

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geological

Township or Area HANNA

Claim Holder(s) COMSTATE RESOURCES LTD

Survey Company COMSTATE Resources

Author of Report D.R. PYKE

Address of Author 31 Delair Cres, Thornhill Ont.

Covering Dates of Survey JUNE 89 - MAY 90.
(linecutting to office)

Total Miles of Line Cut _____

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	
–Magnetometer	
–Radiometric	
–Other	
Geological	20
Geochemical	

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

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

DATE: May 21/90 SIGNATURE: D R Pyke
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

OFFICE USE ONLY

MINING CLAIMS TRAVERSED
List numerically

(prefix) (number)

P 1089116
1089117
1089118
1089119
1089120
1089121
1089122
1089123
1089124
1089125
1089126
1089127
1089128
1089129
1089130
1089131
1089136
1089137
1089138
1089139
1089140
1089141

TOTAL CLAIMS 55

If space insufficient, attach list

837 (5/79)

Claims (cont'd)

P1089142
1089143
1089144
1089145
1089146
1089147
1089148
1089149
1089150
1089151
1089158
1089159
1089160
1089161
1089162
1089163
1089164
1089165
1089166
1089167
1089168
1089169
1089170
1089171
1089172
1089173
1089350
1089351
1089352
~~1089353~~ DP.
1089384
1089385
1089386
1089387.

Total Claims = 55

Ontario

Ministry of Natural Resources

File _____

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geological

Township or Area HANNA

Claim Holder(s) COMSTATE RESOURCES LTD

Survey Company COMSTATE RESOURCES

Author of Report D.R. FYKE

Address of Author 31 Delair Cres, Thornhill Ont.

Covering Dates of Survey JUNE 89 - MAY 90.
(linecutting to office)

Total Miles of Line Cut _____

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	
–Magnetometer	
–Radiometric	
–Other	
Geological	20
Geochemical	

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

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

DATE: May 27/90 SIGNATURE: D R Fyke
Author of Report or Agent

Res. Geol. _____ Qualifications 2.3839

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
P	1089116
	1089117
	1089118
	1089119
	1089120
	1089121
	1089122
	1089123
	1089124
	1089125
	1089126
	1089127
	1089128
	1089129
	1089130
	1089131
	1089136
	1089137
	1089138
	1089139
	1089140
	1089141

TOTAL CLAIMS 55

If space insufficient, attach list

OFFICE USE ONLY

837 (5/79)

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

MAGNETIC

Instrument _____

Accuracy – Scale constant _____

Diurnal correction method _____

Base Station check-in interval (hours) _____

Base Station location and value _____

_____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

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

Frequency _____
(specify V.L.F. station)

Parameters measured _____

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 _____

Claims (cont'd)

F 1089142
1089143
1089144
1089145
1089146
1089147
1089148
1089149
1089150
1089151
1089158
1089159
1089160
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1089163
1089164
1089165
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1089171
1089172
1089173
1089350
1089351
1089352
~~1089353~~ DP.
1089384
1089385
1089386
1089387.

Total Claims = 55

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 _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Ministry of Northern Development and Mines
Ontario

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

DOCUMENT No.
W 9006·051

42A15NW0003 2.13332 HANNA 900

Mining

2.13332

Type of Survey(s): GEOLOGICAL	Township or Area: HANNA
Claim Holder(s): COMSTATE RESOURCES LTD	Prospector's Licence No.: T-1127
Address: 31 DELAIR CRES, THORNHILL ONTARIO L3T 2M3	
Survey Company: COMSTATE RESOURCES	Date of Survey (from & to): 20 06 89 (Day Mo. Yr.) – 14 11 89 (Day Mo. Yr.)
Total Miles of line Cut:	
Name and Address of Author (of Geo-Technical report): D. PYKE 31 DELAIR CRES THORNHILL ONT L3T 2M3	

MINING LANDS SECTION

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

Mining Claims Traversed (List in numerical sequence)

Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
P	1089119		P	1089164	
	1089120			1089165	
	1089121			1089166	
	1089122			1089167	
	1089123			1089168	
	1089124			1089169	
	1089125			1089170	
	1089126				
	1089127				
	1089128				
	1089139				
	1089140				
	1089141				
	1089142				
	1089143				
	1089144				
	1089145				
	1089146				
	1089147				
	1089148				
	1089161				
	1089162				
	1089163				

RECORDED
JAN 30 1990

RECEIVED
JAN 30 1990

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
JUN 25 1990
RECEIVED

Total number of mining claims covered by this report of work: 30

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.

For Office Use Only		
Total Days Cr. Recorded: 600	Date Recorded: JAN. 30/90	Mining Recorder: [signature] Mining Recorder
	Date Approved as Recorded: June 14/90	Branch Director

Date	Recorded Holder or Agent (Signature)
Jan 29/90	[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

Ministry of Northern Development and Mines
Ontario

DOCUMENT No. W 9006 · 00379

Mining Act

Report of Work 2.13332
(Geophysical, Geological and Geochemical Surveys)

Instructions
- 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.

Type of Survey(s)	Mining Division	Township or Area
Geological	Porcupine	HANNA

Recorded Holder(s): COMSTATE Resources Ltd
Prospector's Licence No.: T-1127

Address: 31 Delair Cres, Thornhill Ont L3T 2M3
Telephone No.: 416-731-1913

Survey Company: COMSTATE Resources

Name and Address of Author (of Geo-Technical Report): D. Pyke 31 Delair Cres Thornhill, Ontario

Date of Survey (from & to): 18 (Day) 10 (Mo.) 89 (Yr.) — 22 (Day) 5 (Mo.) 90 (Yr.)

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	
	- Magnetometer	
For each additional survey: using the same grid:	- Other	
Enter 20 days (for each)	Geological	20
	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: May 25/90 Recorded Holder or Agent (Signature): D R Pyke

Mining Claims Traversed (List in numerical sequence)

Prefix	Number	Prefix	Number	Prefix	Number
P	1089116	P	1089173		
P	1089117	P	1089350		
P	1089118	P	1089351		
P	1089129	P	1089352		
P	1089130	P	1089384		
P	1089131	P	1089385		
P	1089136	P	1089386		
P	1089137	P	1089387		
P	1089138				
P	1089149				
P	1089150				
P	1089151				
P	1089158				
P	1089159				
P	1089160				
P	1089171				
P	1089172				

RECEIVED JUL 03 1990 MINING LANDS SECTION

Total number of mining claims covered by this report of work: 25

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. R. Pyke 31 Delair Cres Thornhill Ont L3T 2M3

Telephone No.: 416-731-1913 Date: May 25/90 Certified By (Signature): D R Pyke

For Office Use Only

MAY 29 1990

Total Days Cr. Recorded	Date Recorded	Mining Recorder
500	8:15 AM MAY 29/90	D White, Mining Recorder
	Date Approved as Recorded: 6 July 90	Provincial Manager, Mining Lands

Received Stamp: RECORDED MAY 29 1990

Ministry of Northern Development and Mines
Ontario

DOCUMENT No.
W 9006·(0397 9)

June 28

Report of Work
(Geophysical, Geological and Geochemical Surveys)

2.13332

Mining Act

Instructions
- Please type or print.
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Geological	Porcupine	HANNA

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Telephone No.: 416-731-1913

Survey Company: COMSTATE Resources

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

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Number	Mining Claim Prefix	Number	Mining Claim Prefix	Number
P	1089116 ✓	P	1089173 ✓		
P	1089117 ✓	P	1089350 ✓		
P	1089118 ✓	P	1089351 ✓		
P	1089129 ✓	P	1089352 ✓		
P	1089130 ✓	P	1089384 ✓		
P	1089131 ✓	P	1089385 ✓		
P	1089136 ✓	P	1089386 ✓		
P	1089137 ✓	P	1089387 ✓		
P	1089138 ✓				
P	1089149 ✓				
P	1089150 ✓				
P	1089151 ✓				
P	1089158 ✓				
P	1089159 ✓				
P	1089160 ✓				
P	1089171 ✓				
P	1089172 ✓				

RECEIVED
JUL 03 1990
MINING LANDS SECTION

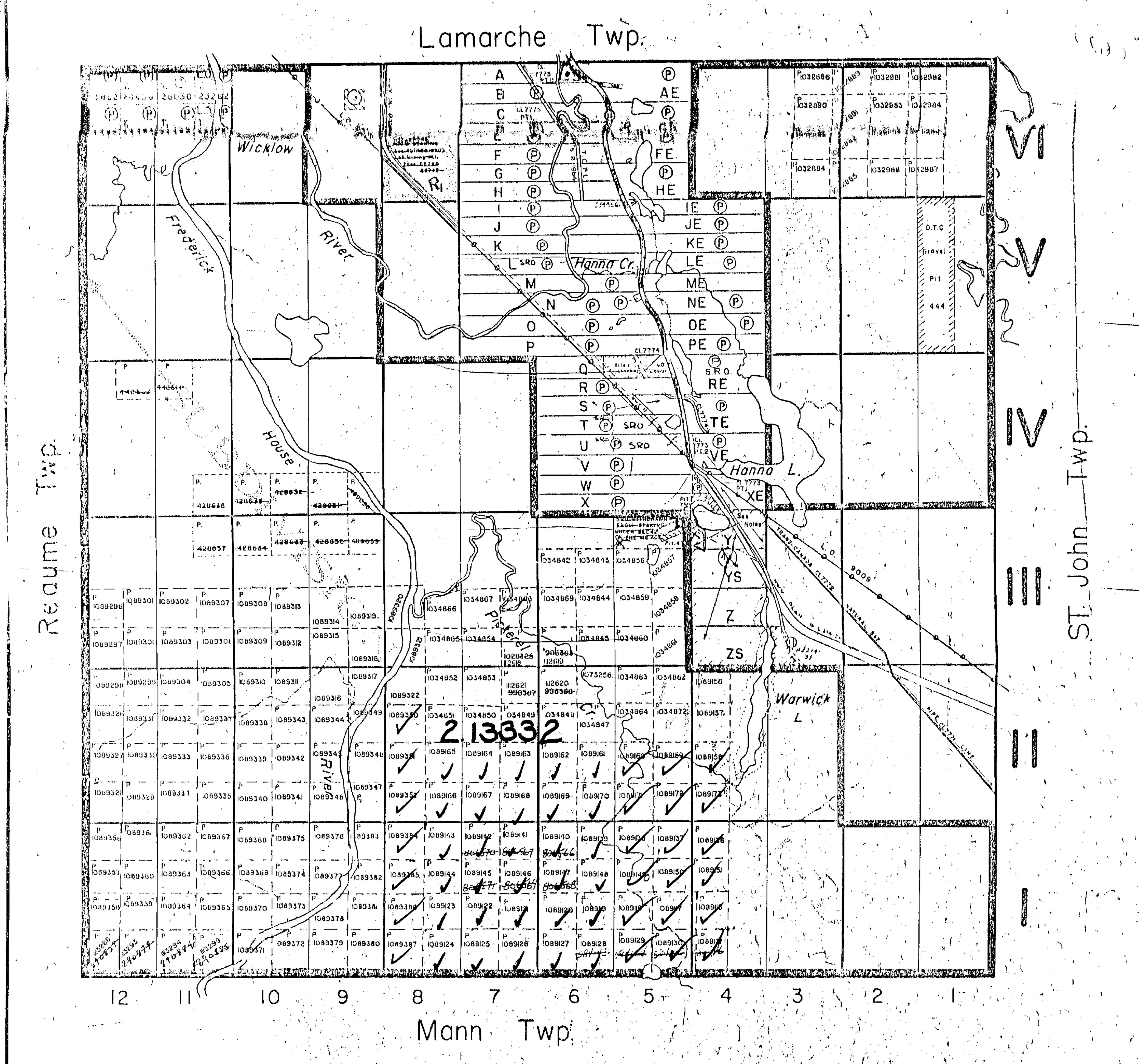
Total number of mining claims covered by this report of work. 25

Date: May 25/90
Recorded Holder or Agent (Signature): D R Pyke

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



42A15NW0083 2.13332 HANNA

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.

REG. PLAN NO.-M. 57 COVERS LOTS "A" TO ... IN CON. 3 TO CON. 6

Surface Rights Only reserved to Dept. of Lands & Forests shown thus: File 81767

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

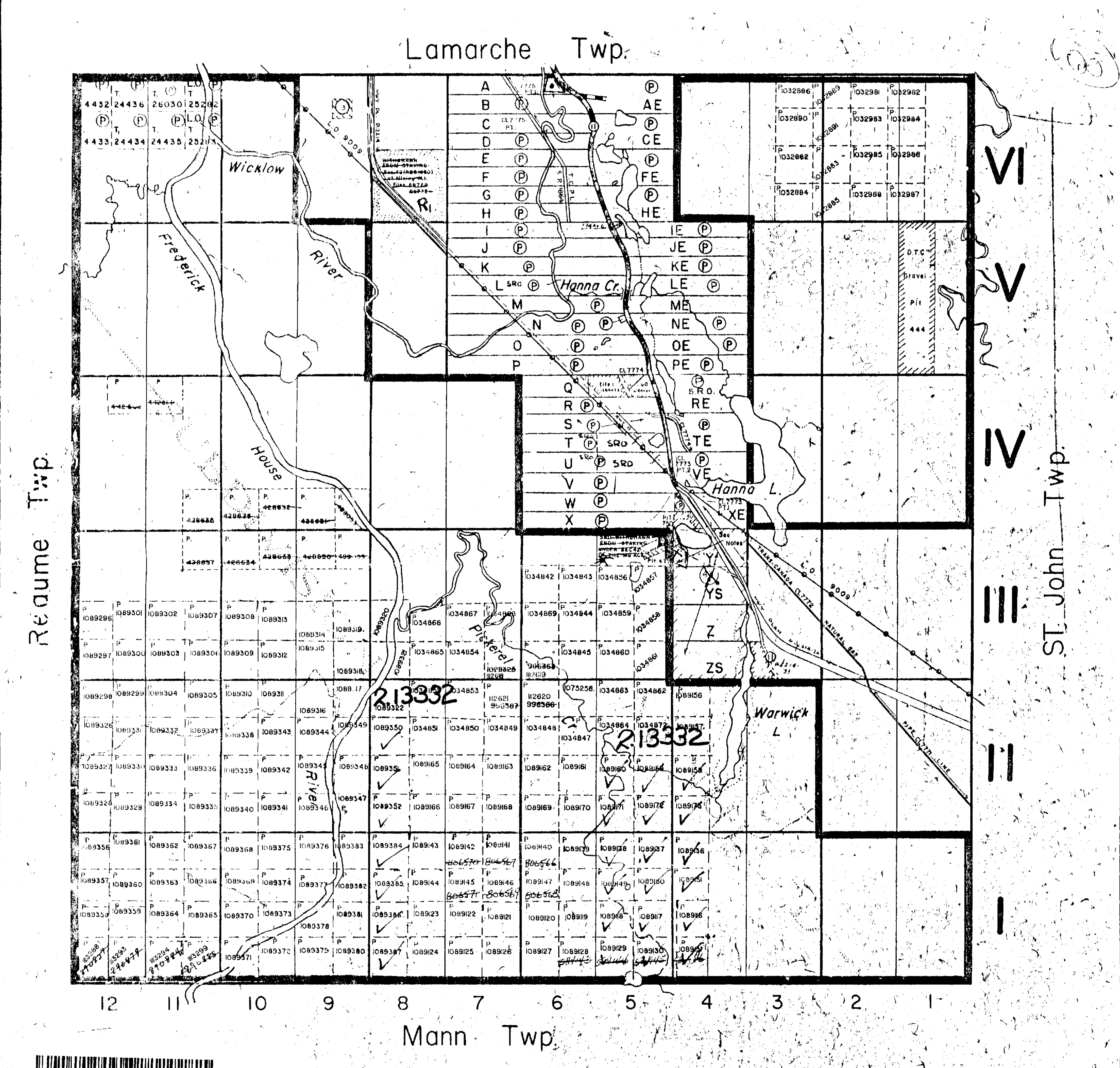
R1 - S.R. & M.R. REOPENED FOR STAKING

PLAN NO. - M 490

ONTARIO

MINISTRY OF NATURAL RESOURCES

SURVEYS AND MAPPING BRANCH



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.

REG. PLAN NO.-M. 57 COVERS LOTS "A" TO "X" IN CON. 3 TO CON. 6

Surface Rights Only reserved to Dept of Lands & Forests shown thus: File 88767

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

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

			Disposition
W.54/73	(43) 88778	27/11/73	S.R.O.
W.32/74	(43) 96605	12/6/74	S.R. & M.R.
NRO 4/85		01/14/85	SRO

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

L.U.P. •*

X L.U.P. Reopened N.R.O. 7a/84

Received May 5/80

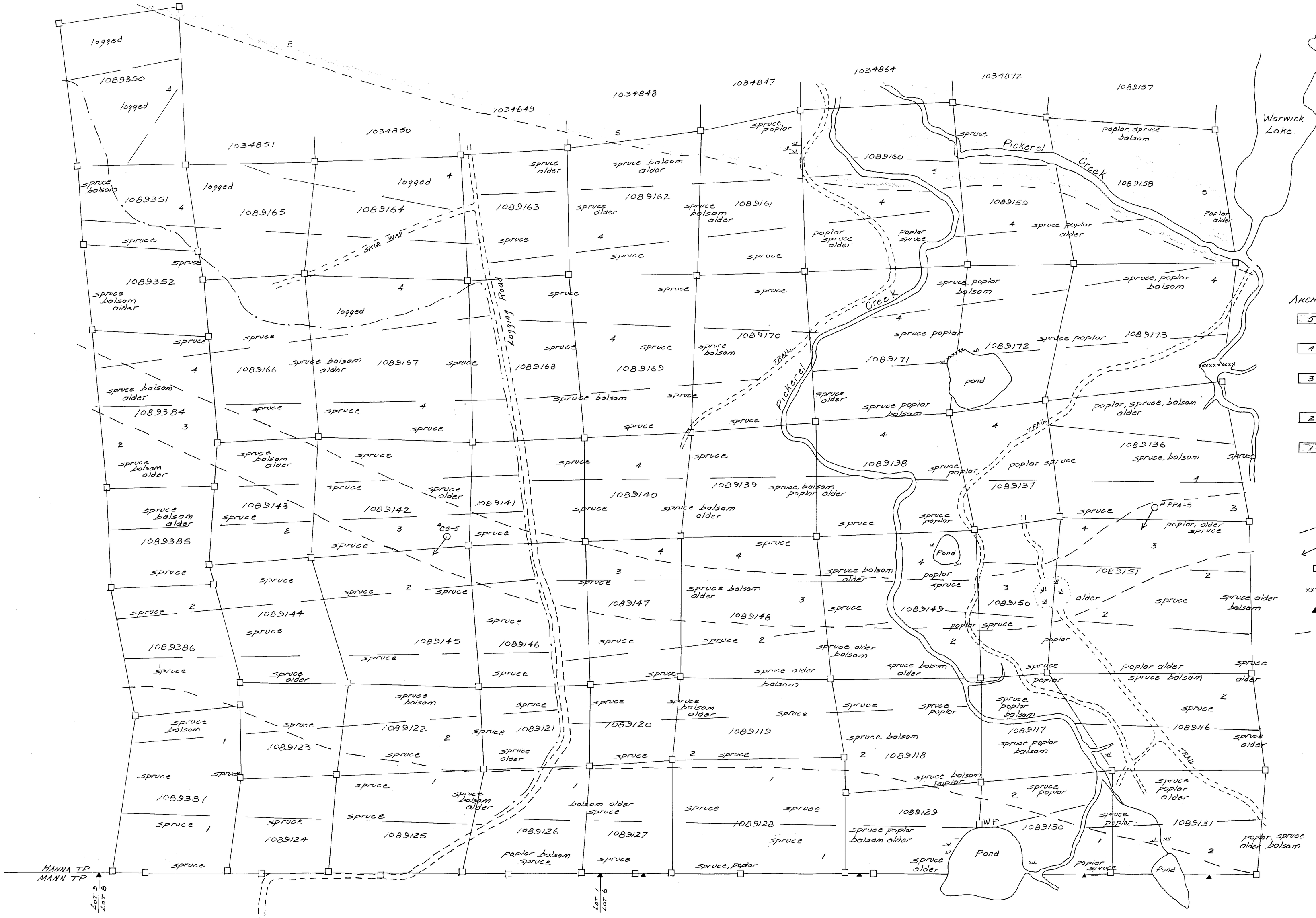
PLAN NO. - M 490

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

42A15NW0003 2.13332 HANNA

210

G.



LEGEND

ARCHEAN

- 5 — Mafic volcanics
- 4 — Komatiitic volcanics
- 3 — Iron formation, mafic-felsic volcanics, graphitic sediments
- 2 — Felsic volcanics, tuffaceous sediments
- 1 — Felsic-mafic volcanics, gabbro

SYMBOLS

- Geological boundary
- Diamond drill hole (approx.)
- Claim post (W.P. = witness post)
- Beaver dam
- Wooden survey post.
- Traverse line (approx.).

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MAY 29 1990
MINING LANDS SECTION
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COMSTATE RESOURCES LTD
GEOLOGICAL MAP
HANNA TOWNSHIP PROPERTY.
TIMMINS AREA.

D.R. Pyke