



52G14NE0042 52G14NE0016A1 PENASSI LAKE

010

Diamond Drilling

Area OF PENASSI LAKE

Report NO 39

Work performed by: MATTAGAMI LAKE MINES LTD.

| Claim NO   | Hole NO           | Footage     | Date   | Note |
|------------|-------------------|-------------|--------|------|
| Pa. 361477 | <u>SL-F-73-24</u> | <u>313'</u> | Aug/73 | (1)  |

Total: 1DH 313'

Notes:

( ... ) date palced on file

(1) (May 74) 119/73

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

|            |                       |           |                       |           |                 |          |           |         |           |         |           |
|------------|-----------------------|-----------|-----------------------|-----------|-----------------|----------|-----------|---------|-----------|---------|-----------|
| PROPERTY   | Sturgeon Lake Gp. "F" | LATITUDE  | 141 + 00 N (Old Grid) | STARTED   | August 20, 1973 | DIP TEST |           |         |           |         |           |
| HOLE NO.   | SL-F-73/24            | DEPARTURE | 56 + 00 W (Old Grid)  | FINISHED  | August 24, 1973 | Footage  | Corrected | Footage | Corrected | Footage | Corrected |
| BEARING    | Grid South            | ELEVATION | Surface               | LENGTH    | 313.0'          | 70'      | 85°       | 275'    | 85°       |         |           |
| DIP-COLLAR | -85°                  | SECTION   | 56 + 00 W             | LOGGED BY | L. Stephenson   | 100'     | 85°       |         |           |         |           |
|            |                       |           |                       |           |                 | 200'     | 85½°      |         |           |         |           |

| FOOTAGE |       | DESCRIPTION  | % Mineralization | SAMPLE NO. | FOOTAGE |    |        | ASSAYS |  |  |  |  |  |  |
|---------|-------|--|------------------|------------|---------|----|--------|--------|--|--|--|--|--|--|
| From    | To    |  |                  |            | From    | To | Length |        |  |  |  |  |  |  |
| 0.0     | 72.0  | CASING<br>(Bedrock at 64.0')   |                  |            |         |    |        |        |  |  |  |  |  |  |
| 72.0    | 313.0 | CARBONACEOUS QUARTZ-EYE RHYOLITIC MICRO AGGLOMERATE<br><br>Grey, carbonaceous matrix with blue grey to grey. Siliceous lapilli 5-20 mm. Shearing (?) parallel to C.A. Some clear 1-2 mm Qtz. eyes; light to moderate carb. nil chlor. Some larger cherty bedded fragment - chert bands? up to 5.0' mainly up to 6" matrix carb. & silic. coarse tuff; moderately to loosely (at top) packed aggl.; some epidote alteration.<br><br>120.0 - 313.0 1-5% diss. po & py<br>236.0 - 260.0 stringers at 3-5° to C.A.<br>5% py. po. |                  |            |         |    |        |        |  |  |  |  |  |  |
|         | 313.0 | END OF HOLE<br><br>(hole stopped due to deviation down dip)  |                  |            |         |    |        |        |  |  |  |  |  |  |

PATRICIA  
MINING DIV.  
RECEIVED  
SEP 17 1973  
789-011, 02, 1, 2, 3, 4, 5, 6

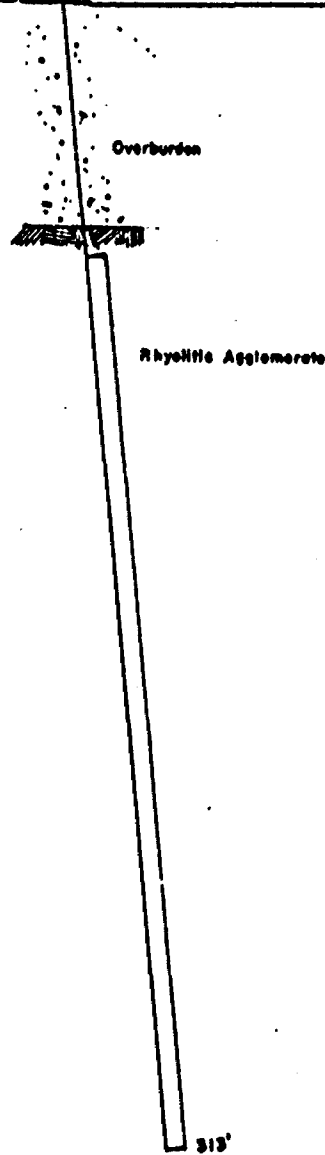
*(Handwritten signature)*

— S. 15° E. —>

Portage Island

SL-F-73-24

Sturgeon Lake



Scale  
50 Feet.

MATTAGAMI LAKE MINES LTD.

EXPLORATION DIVISION

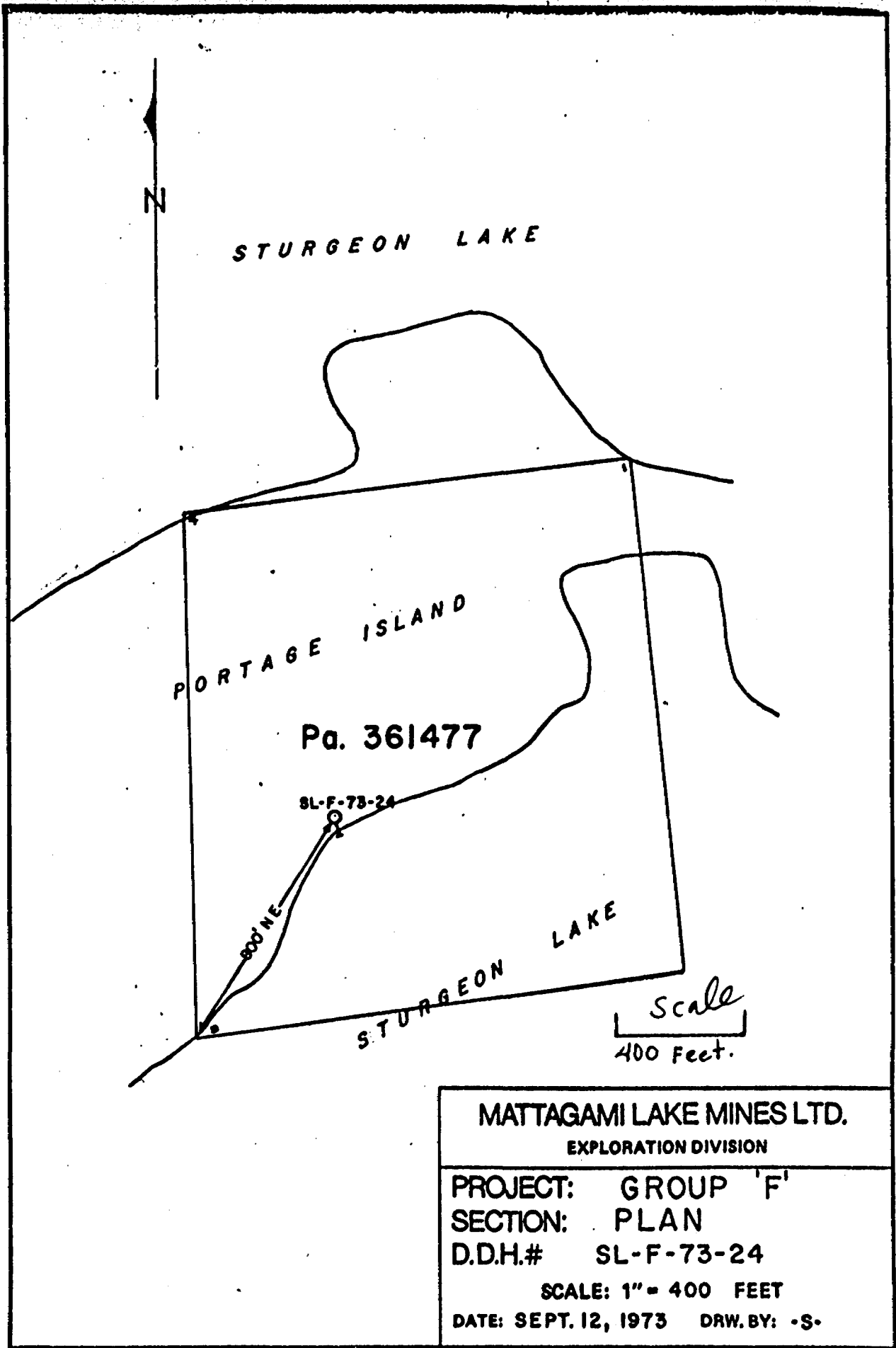
PROJECT: GROUP 'F'

SECTION: 56+00 W.

D.D.H.# SL-F-73-24

SCALE: 1" = 50 FEET

DATE: SEPT. 12, 1973 DRW. BY: -S-



MATTAGAMI LAKE MINES LTD.

EXPLORATION DIVISION

PROJECT: GROUP 'F'

SECTION: PLAN

D.D.H.# SL-F-73-24

SCALE: 1" = 400 FEET

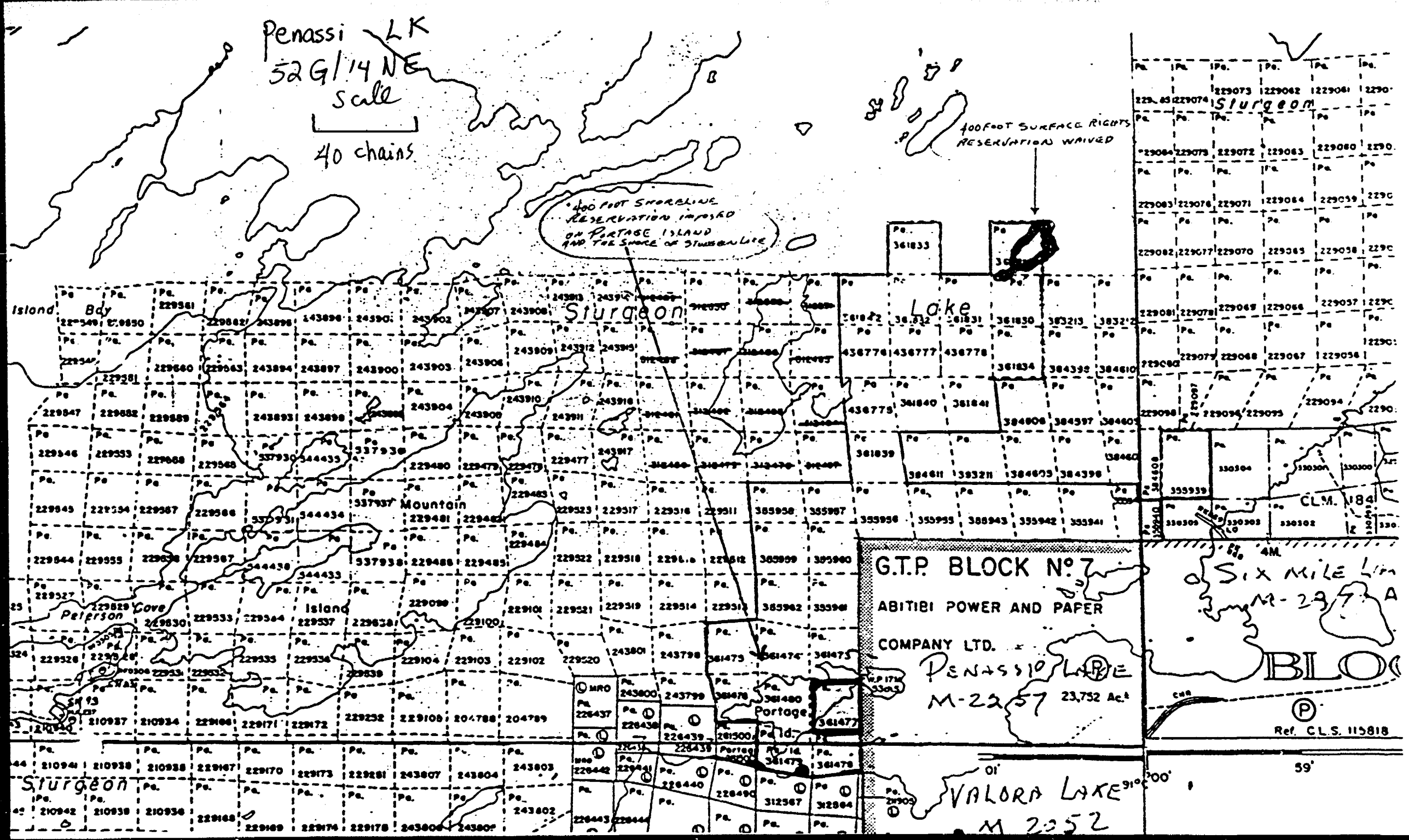
DATE: SEPT. 12, 1973 DRW. BY: -S-

Penassi LK  
52 G/14 NE  
Scale

40 chains

400 FOOT SHORELINE  
RESERVATION IMPOSED  
ON PORTAGE ISLAND  
AND THE SHORE OF STURGEON LAKE

100 FOOT SURFACE RIGHTS  
RESERVATION WAIVED



G.T.P. BLOCK No. 7  
ABITIBI POWER AND PAPER  
COMPANY LTD.  
PENASSI LAKE  
M-2257 23,752 Ac.

Six Mile Lin  
M-2273 A  
BLOC

Ref. C.L.S. 115818

VALORA LAKE  
M 2252

59'

~~SIXONE LAKE~~  
~~M. 2257~~



ONTARIO

PENASSI LAKE  
M. 2257

A separate form is required for each type of work to be recorded.

# 119

THE MINING ACT REPORT OF WORK

To the Recorder of... Patricia.....Mining Division

I, ...Mattagami Lake Mines Ltd..... T. 84  
name of Recorded Holder Miner's Licence

..... Suite 1110, 8 King St. East, Toronto, Ontario M5C 1B5  
Post Office Address

do hereby report the performance of ..... 313 ..... days of ...Diamond Drilling...  
type of work

not before reported to be applied on the following contiguous claims

| Claim No. | Days | Claim No. | Days | Claim No. | Days |
|-----------|------|-----------|------|-----------|------|
| PA 355939 | 24   | 355955    | 24   | 355961    | 24   |
| ...355940 | 24   | 355956    | 24   | 355962    | 25   |
| ...355941 | 24   | 355957    | 24   |           |      |
| ...355942 | 24   | 355958    | 24   |           |      |
| ...355943 | 24   | 355959    | 24   |           |      |
| ...355960 | 24   |           |      |           |      |



OR BOTH

000

All the work was performed on Mining Claim (s) ..P.A. 361477.....  
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.

For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.

For Compressed Air or Other Power Driven or Mechanical Equipment

Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.

For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.

With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.

For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.

For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

| Hole       | Dip  | Length | Claim        | Core Dia. | Dates            |
|------------|------|--------|--------------|-----------|------------------|
| SL-F-73.24 | -50° | 313'   | PA<br>361477 | 1 5/16"   | Aug. 20-24, 1973 |

Drilled by N. Morissette Diamond Drilling Ltd., Box 789, Halleybury, Ontario.

Date ...September 12... 1973.....

Signature of Recorded Holder or Agent

The Mining Act  
Certificate Verifying Report of Work

I, ...John D. Harvey.....

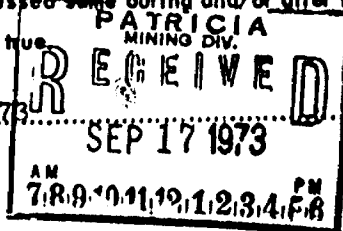
..... Suite 1110, 8 King St. East, Toronto, Ontario, M5C 1B5  
(Post Office Address)

hereby certify:

1. 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.

2. That the annexed report is true.

Dated... September 12..... 19 73



Signature  
Pa-355939

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS \$500. OR SIX MONTHS