



010

Diamond Drilling

Area of WYATT LAKE

Report NO 19

Work performed by: Mattagami Lake Mines

Claim NO	Hole NO	Footage	Date	Note
PA 376297	ER-C-78-10A	28.0'	Jan/78	(1)
PA 376297	ER-C-78-10B	637.0'	Jan/78	(1)
<u>Total: 2DH</u>		<u>665'</u>		

Notes:

(1) #54-78

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

PROPERTY	ENGLISH RIVER GROUP "C"	LATITUDE	6 + 00S	STARTED	JANUARY 27, 1978	DIP TEST					
HOLE NO.	ER-C-78-10B	DEPARTURE	28 + 00E	FINISHED	FEBRUARY 2, 1978	Footage	Corrected	Footage	Corrected	Footage	Corr
BEARING	0°	ELEVATION	SURFACE	LENGTH	637.0 FEET	100'	-60°	400	-54°		
DIP-COLLAR	-60°	SECTION	28 + 00E	LOGGED BY	G. STEINERT	200'	-58°	500	-51°		
						300'	-56°	600	-48°		

FOOTAGE		DESCRIPTION	% Mineralization	SAMPLE NO.	FOOTAGE			ASSAYS				
From	To				From	To	Length	CU	ZN	NI	FE	Na ₂ O
0'	54.0'	CASING: (48' overburden)										
54.0'	222.0'	MAFIC VOLCANICS: Fine gr, dark green, highly carbonaceous (calcite).	tr 2% py	479	74.0	77.0	3.0'	.02	.04	.01	8.52	
		54-121.3': strongly magnetic - no visible sulphides (probably magnetite?)	tr 2% py	480	99.0	102.0	3.0'	.01	.01	Tr	6.91	
		61.6-62.7', 91.5-92.0', 94.8-95.5', 96.7-97.5'	tr py	481	118.0	121.0	3.0'	.01	Tr	Tr	7.77	
		98.0-99.4': reddish-pink fine gr, sugary textured aplitic dykes, sharp contacts at 80° to core axis.	tr py	482	131.0	134.0	3.0'	.01	Tr	Tr	2.92	
		105.5-110.7': foliated porphyritic granodiorite-diorite vein, foliated at 55-60° to core axis, contacts at 60° to core axis.	1-3% po+py	483	152.0	157.0	5.0'	Tr	Tr		11.26	
			10-30% py+po	484	157.0	162.0	5.0'	.01	Tr	Tr	17.81	
			25-50% py+po	485	162.0	167.0	5.0'	Tr	.01	.01	20.04	
			tr sulph	486	167.0	170.0	3.0'	.01	Tr	Tr	6.11	
		131.0-131.5', 132.6-134.1', 135.6-136.2': fine gr pale gray interbanded rhy-rhyodac tuff.	3-10% po+py	487	193.0	197.0	4.0'	Tr	.01	.01	16.78	
			70-90% po+py	488	197.0	198.0	1.0'	.02	Tr	Tr		
			tr 1% po+py	489	198.0	203.0	5.0'	Tr	Tr	Tr	8.47	
		151.5-166.6': few pink garnets up to 0.3cm diam.	70-90% po+py	490	203.0	203.0	5.0'	Tr	Tr	.01		
			70-90% po+py	491	208.0	211.5	3.5'	Tr	Tr	.02		
		152.0-169.2': py + po bands & dissem up to 30-50% sulphides.	1-5% po+py	492	211.5	214.3	2.8'	.01	.02	.01		
			30-70% po+py	493	214.3	219.5	4.2'	Tr	Tr	.02		
		175.0-183.0': thin interbanded fine gr pale gray rhy-rhyodac tuff.										
		193.0-218.5': py + po bands + dissem up to 70-90% sulphides.										
222.0'	228.0'	DACITE TUFF: Gradational with mafic volc, fine gr, red green gray, waxy sericitic texture, highly carbonatized (calcite).	Nil	494	224.0	227.0	3.0'	Tr	Tr	.01	2.36	
228.0'	247.0'	MAFIC VOLCANICS: Fine gr, dark green, highly carbonaceous (calcite).	60-80% po+py	495	230.0	235.0	5.0'	Tr	Tr	Tr		
			60-80% po+py	496	235.0	237.5	2.5'	Tr	Tr	.02		
		230.5-243.5': po + py bands & dissem up to 90% sulph, few cherty inclusions.	70-90% py(+po)	497	237.5	240.5	3.0'	Tr	Tr	.01		
			80-90% py(+po)	498	240.5	243.5	3.0'	Tr	Tr	.01		
		236.5-237.5': pink garnets up to 0.5cm diam.										
247.0'	254.4'	CHERTY RHY-RHYODAC TUFF: Gradational with mafic volc, unit is cherty, very fine gr, pale to med green, massive to banded, banding at 50-55° to core axis.	Nil	499	251.0	254.4	3.4'	Tr	Tr		3.07	



S2G14NW0004 S2G14NW0012B1 WYATT LAKE

900

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

78-53

THE MINING ACT REPORT OF WORK

To the Recorder of PATRICIA Mining Division

I, Mattagami Lake Mines Limited T-84

name of Recorded Holder

Prospector's Licence

1110-8 King Street East

Toronto, Ontario

M5C 1B5

Post Office Address

do hereby report the performance of 637 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 376295	20	Pa 376296	.....	Pa 376297	9
Pa 376298	20	Pa 376299	20	Pa 376300	16
Pa 391184	152	Pa 391185	160	Pa 391186	160
Pa 457367	.....	Pa 457368	.....	Pa 457369	.....
Pa 458725	40	Pa 458726	40	.....	.....
.....

All the work was performed on Mining Claim (s) Pa 376297 (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 Geophysical, Geological, Geochemical Surveys and Expenditure Credits - the name of author of report. Covering dates of survey (linecutting & office). Type of instrument used. Total amount of expenditure. Technical reports, maps, expenditure breakdown, receipts must be filed in duplicate 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)

Diamon Drill Hole ER-C-78-10B was drilled North at -60° to a depth of 637.0' on Claim Pa 376297 by Morissette Diamond Drilling of Haileybury, January 27 - February 2, 1978. Core Size is A Q Wireline.

Date June 28, 1978

Signature of Recorded Holder or Agent

The Mining Act Certificate Verifying Report of Work

I, J. D. Harvey

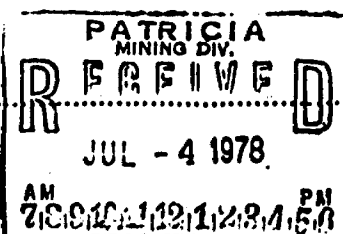
1110-8 King Street East, Toronto, Ontario.

(Post Office Address)

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.
- That the annexed report is true.

Dated June 28, 1978



Signature

Pa 376295

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



Ministry of
Natural
Resources

Ontario

Wyatt Lake M-3197

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

78-54

THE MINING ACT REPORT OF WORK

To the Recorder of..... PATRICIA Mining Division

I, Mattagami Lake Mines Limited T-84

name of Recorded Holder Prospector's Licence

..... 1110-8 King Street East, Toronto, Ontario M5C 1B5

Post Office Address

do hereby report the performance of 8 days of Mechanical Equipment ..

not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days
.....	<u>Pa 391184...</u>	<u>..8..</u>	.....	.....
.....
.....
.....
.....
.....

All the work was performed on Mining Claim (s) Pa 376297

(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 Geophysical, Geological, Geochemical Surveys and Expenditure Credits - the name of author of report. Covering dates of survey (linecutting & office). Type of instrument used. Total amount of expenditure. Technical reports, maps, expenditure breakdown, receipts must be filed in duplicate 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)

Diamond Drill Hole ER-C-78-10A was drilled North at -50° to a depth of 28ft in overburden (see log) by Morissette Diamond Drilling of Haileybury, Ontario on January 26, 1978, Bit size = A Q Wireline.

2 men x 12 hours ÷ 3 = 8 days

Date June 28, 1978

..... [Signature]

Signature of Recorded Holder or Agent

The Mining Act
Certificate Verifying Report of Work

I, J. D. HARVEY

..... 1110-8 King Street East, Toronto

(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 some during and/or after its completion.

2. That the annexed report is true.

Dated June 28 19 78

PATRICIA
MINING DIV.
R E C E I V E D
JUL - 4 1978
AM 7:00 PM 12:15

..... [Signature]

Signature

Pa. 376295

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

NORTH

ER-C-78-10A
ER-C-78-10B

Mafic Volcanics

Basaltic Tuff
Mafic Volcanics
Cherty Rhyolitic Tuff

Mafic Volcanics

Interbedded Mafic Tuff, Rhyolite Tuff & Chert.

Mafic Volcanics

6370'

Scale

1" = 100'

MATTAGAMI LAKE MINES LTD.

EXPLORATION DIVISION

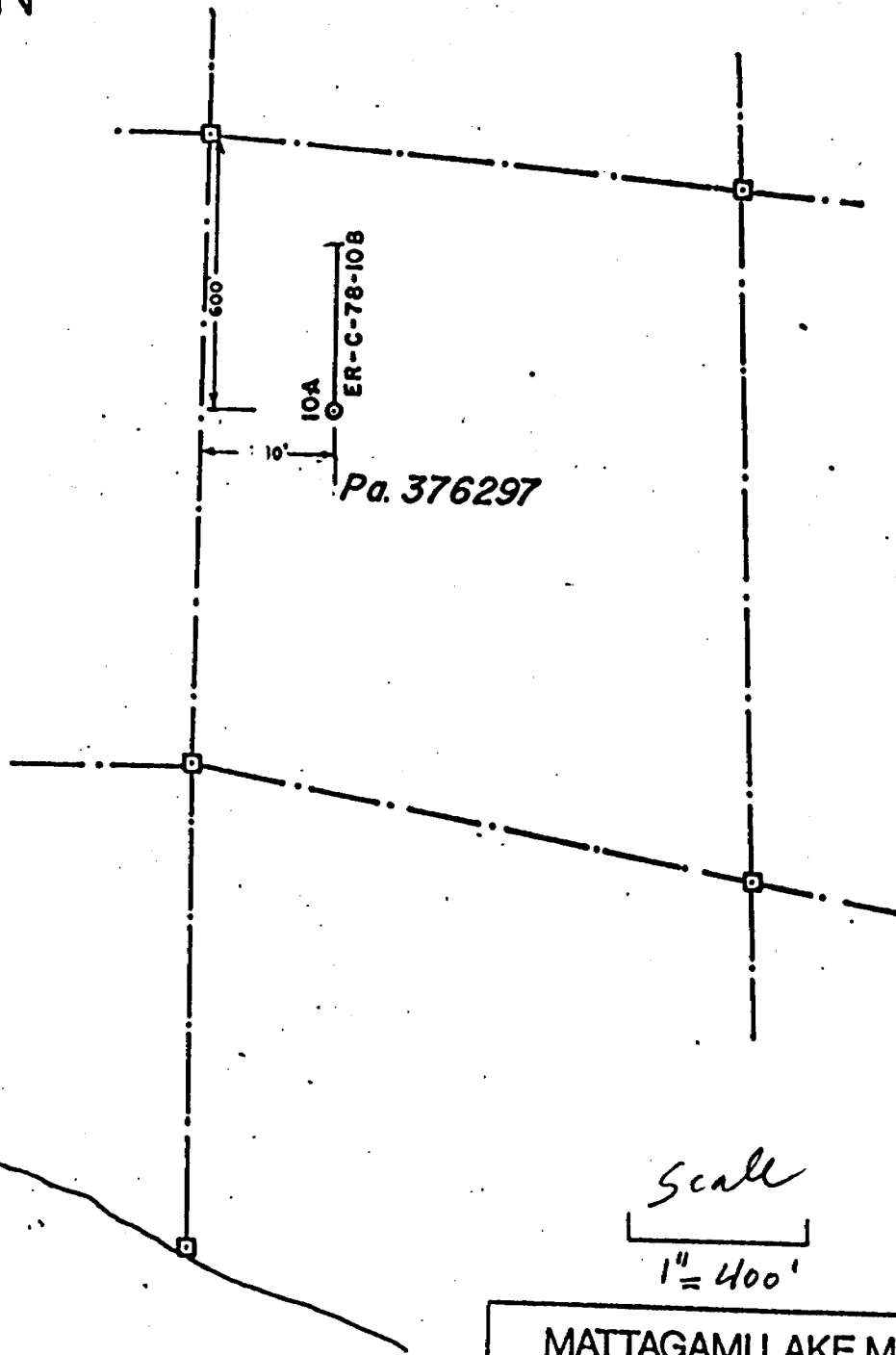
PROJECT: ENGLISH RIVER
SECTION: 28+00 E.

D.D.H.# ER-C-78-10A & 10 B

SCALE: 1" = 100 FEET

DATE: APRIL 11, 1978 DRW. BY: R.S.

K8E 9-70



Pa. 376297

MATTAGAMI LAKE MINES LTD.
EXPLORATION DIVISION
PROJECT: ENGLISH RIVER
LOCATION PLAN
D.D.H.# ER-C-78-10A & 10B
SCALE: 1" = 400 FEET
DATE: APR. 11, 1978 DRW. BY: R.S.

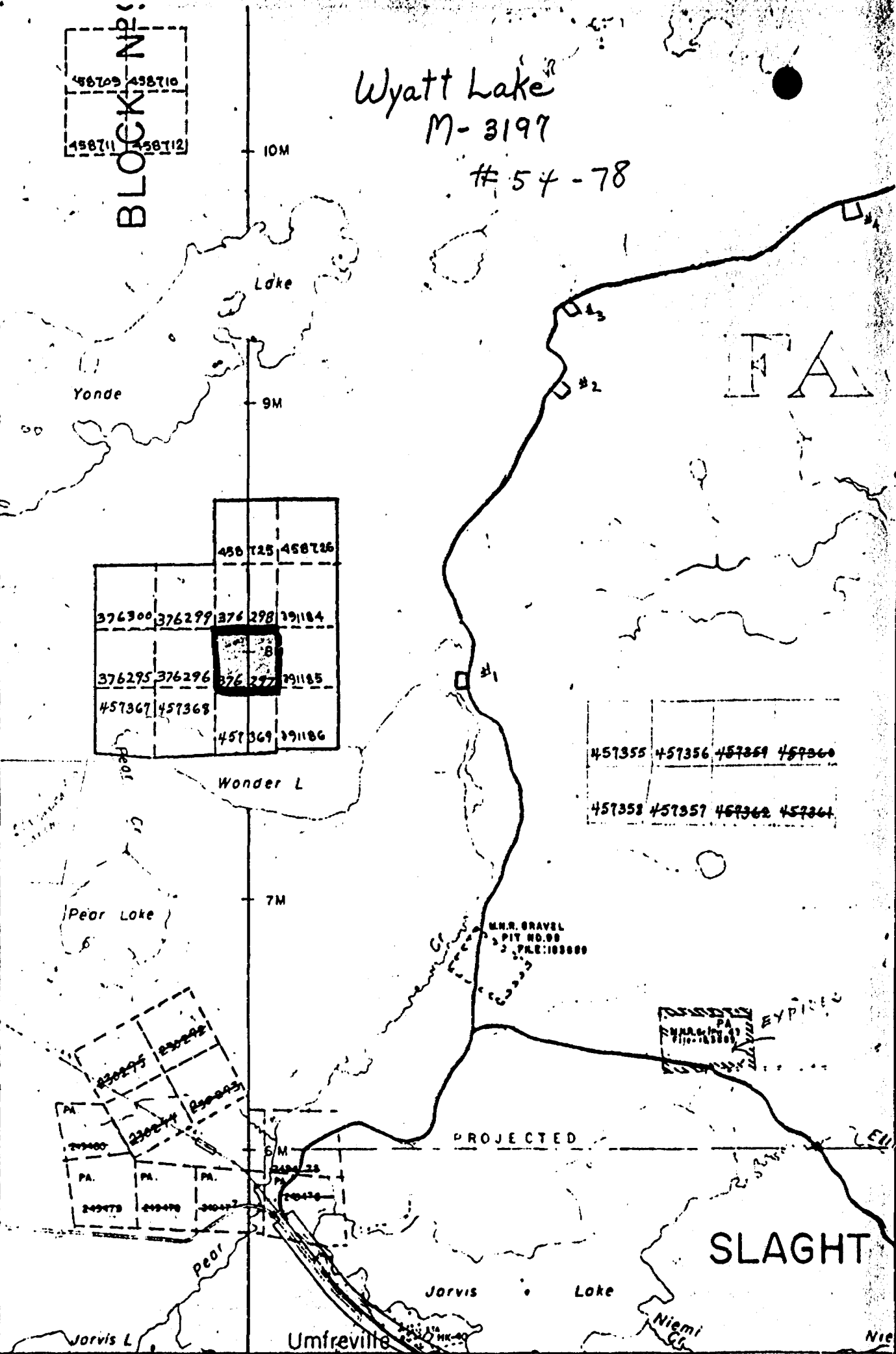
N&E 9-70

Wyatt Lake
M-3197

54-78

BLOCK No:

458709	458710
458711	458712



10M
9M

Yonde

Lake

458725 458726

376290	376299	376298	391184
376295	376296	376297	391185
457367	457368	457369	391186

Wonder L

457355 457356 457359 457360

457358 457357 457362 457361

7M

Pear Lake

M.H. GRAVEL
DIP NO. 00
P.N. 108800

230095	230092
230094	230093
249400	249401
249478	249479
249477	249476
249475	249474
249473	249472
249471	249470

PROJECTED

EXPIRES

SLAGHT

Jarvis Lake

Umfreville

Niemi

5230"

29' 28' 27' 26'