



52J02SE8798 27 SQUAW LAKE

010

Diamond Drilling

Area of SQUAW LAKE

Report NO 27

Work performed by: Avalon Syndicate
(Wilfrid H. Higgins)

Claim NO	Hole NO	Footage	Date	Note
PA 431451	1	485.0'	Sept/76	(1)
	2	338.0'	Sept/76	(1)

TOTAL: 2 DH 823 FT

AUTOPOSITIVE ENCLOSED

Notes:

(1) #28-77

DIAMOND DRILL RECORD

NAME OF PROPERTY AVALON SYNDICATE PROPERTY
 HOLE NO. No. 1 LENGTH 485 feet
 LOCATION Morgan Island, N.E. Arm, Sturgeon Lake
 LATITUDE 50° 05' N DEPARTURE 90° 38' W
 ELEVATION 1,350 feet AZIMUTH N45W DIP -45°
 STARTED 3-September-1976 FINISHED 20-September-1976

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 1 SHEET NO. 1

REMARKS Location CL.431451

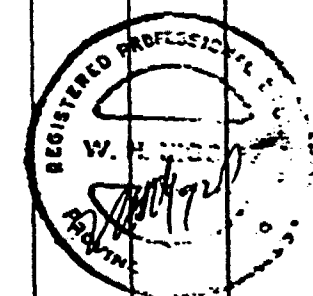
LOGGED BY W. H. Higgins

EM. 6-1168

LANGRIDGE LIMITED,

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON		
					FROM	TO	TOTAL						
0	2	Overburden - glacial till											
2	8	Fine grained banded <u>Andesite Tuff</u> - streaks of grey carbonate interbanded with tuff -banding 45° to core.											
8	382	<u>Mafic Carbonate Breccia</u> - variable grain size from fine ash sized grains to lapelli up to .2 inches in diameter - a few 1" fragments - some evidence of bedding - average 20% Carbonate. 8-25 Mixture of Andesite tuff and basaltic lapelli tuff 53-54 Fine grained Andesite tuff 78.5-79, 152.153.5 Quartz - Calcite veins - low sulfides 232-238.5 Fine grained, grey-green diabase dyke -contact 50" to core.											
382	437	<u>Felsic Carbonate Breccia</u> - less than 1% Sulfides (pyrite, chalcopyrite) - minor fuchite 402-411 - mixed felsic and mafic carbonate zone 411-437 - minor elongation of clasts.											
437	462	<u>MAFIC CARBONATE BRECCIA</u> - 1-2% sulfides -30% Carbonate -20% Andesite Clasts											

R E C E I V E D
 PATRICIA
 MINING DIV.
 APR 1 - 1977
 AM 7:29:00 PM 12:12:34.58



DIAMOND DRILL RECORD

NAME OF PROPERTY AVALON SYNDICATE PROPERTY
 HOLE NO. 1 LENGTH _____
 LOCATION _____
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH _____ DIP _____
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

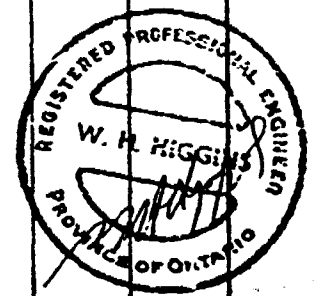
HOLE NO. 1 SHEET NO. 2
 REMARKS Location CL.431451

LOGGED BY W. H. Higgins

EM. 6-1168

LANGRIDGE LIMITED,

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
462	485	<u>FELSIC CARBONATE BRECCIA</u> - medium grained clasts showing alteration and bleached edges to clasts 462-464 - fine grained band of pure carbonate - low sulfides End of Hole										
	485											



DIAMOND DRILL RECORD

NAME OF PROPERTY AVALON SYNDICATE PROPERTY
 HOLE NO. 2 LENGTH 338 feet
 LOCATION Morgan Island, N-E Arm, Sturgeon Lake
 LATITUDE 50° 05' N DEPARTURE 90° 38' W
 ELEVATION 1,370 AZIMUTH N 45° W DIP -45°
 STARTED 22-September-76 FINISHED 24-September-77

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

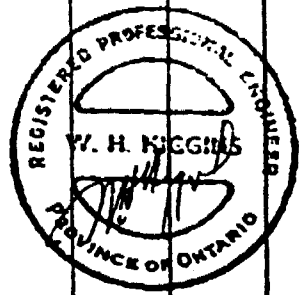
HOLE NO. 2 SHEET NO. 1
 REMARKS 350' N-W DDH #1
 LOGGED BY W. H. Higgins

EM. 6-1168

LANGRIDGE LIMITED,

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS								
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON				
				FROM	TO	TOTAL								
0	22	Overburden - Glacial Till												
22	41	<u>Mafic Carbonate Breccia</u> 20% Carbonate 1-2% Sulfides minor Stilptmolane clasts .2 inches in diameter												
41	221	<u>Felsic Carbonate Breccia</u> -medium grained frags with little elongation -Sulfides less than 1% 41-49 Mixed zone with some Mafic Frags, narrow quartz stringers at 52, 61, 67, 78, 90 to 93, 99, 112, 116, 143 and 166 180 to 187 Quartz - Carbonate Vein - less than 1% Sulfides - Carbonate Content variable from 20 to 40% 117½ to 128 whitish band of pure carbonate 128 to 130 altered zone with Fuchite chlorite and stiplomelane												
					180	to	187							less than 0.01 Au/ton

PATRICIA
 MINING DIV.
R E C E I V E D
 APR 1 - 1977
 AM 7:24 PM 1:23 LFA



DIAMOND DRILL RECORD

NAME OF PROPERTY AVALON SYNDICATE PROPERTY
 HOLE NO. _____ LENGTH _____
 LOCATION _____
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH _____ DIP _____
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 2 SHEET NO. 2

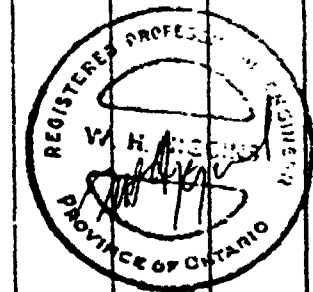
REMARKS _____

LOGGED BY _____

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON		
		FROM	TO	TOTAL								
221	241	<u>Mafic Carbonate Breccia</u> less than 1% Sulfides 5 to 10% Chlorite from 221 to 230										
241	263	<u>Felsic Carbonate Breccia</u> 10% Chlorite gives a pale greenish colour to breccia some 1" fragments in zone from 263 to 280										
263	309	<u>Dacite Agglomerate</u> -dacite matrix with fragments up to 3" in diameter -zones showing elongation 263 to 268 and 283 to 291 -fragments fairly well rounded										
309	338	<u>Dacite Tuff</u> green-grey in colour with 0.10 inch diameter quartz eyes										
	338	END OF HOLE										

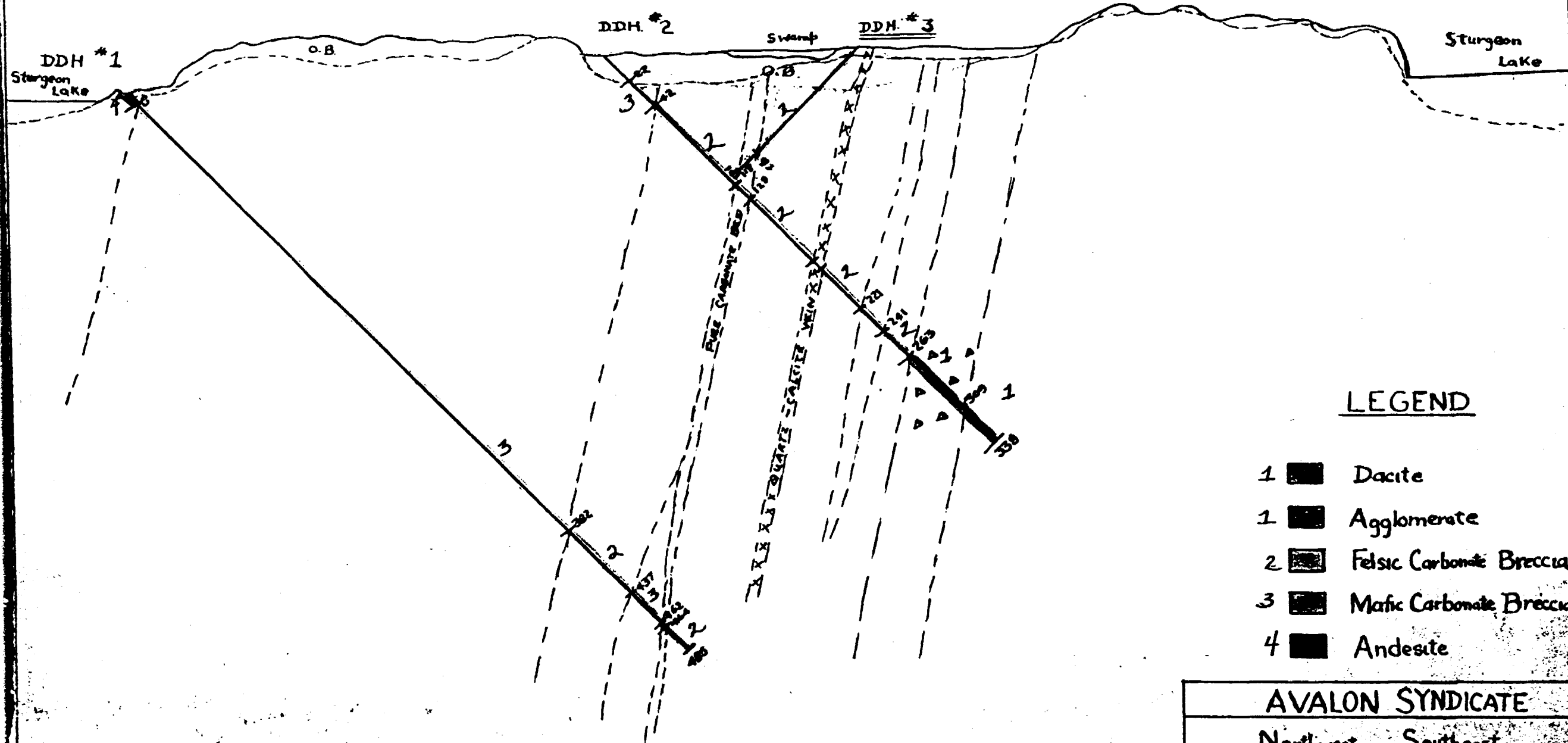
EM. 6-1168

LANGRIDGE LIMITED,



PATRICIA
 RECORD
 DEC 11 1979
 AM 7:55 PM 1:23:45:58

Morgan Island.



LEGEND

- 1 ■ Dacite
- 1 ■ Agglomerate
- 2 ■ Felsic Carbonate Breccia
- 3 ■ Mafic Carbonate Breccia
- 4 ■ Andesite

AVALON SYNDICATE

Northwest - Southeast
 Drill hole section
 Looking Southwest

Date: 14 March 79 Scale: 1" = 60'

Drawn by: [illegible]



52J02SE8798 27 SQUAW LAKE

900

Squaw Lake
M-1904



Ministry of
Natural
Resources

Ontario

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

77-28

THE MINING ACT REPORT OF WORK

To the Recorder of..... Patricia..... Mining Division
I, Wilfrid H. Higgins 742266
name of Recorded Holder Prospector's Licence
..... 980 Bourne Crescent, Kingston, Ontario
Post Office Address

do hereby report the performance of 823 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
431450..	.164				
431451..	.164				
431452..	.164				
431453..	.164				
431454..	.164				

MINISTRY OF NATURAL RESOURCES
RECEIVED
..... MAY 10 1977
.....
RESIDENT GEOLOGIST'S OFFICE
..... SIOUX LOOKOUT

Geological Branch ODM.....
ASSESSMENT FILES
RESEARCH OFFICE.....
..... APR 25 1977
.....
RECEIVED
.....

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

D.D.H. #1 - 485 feet - AQ Core - September 13th to 20th, 1976

D.D.H. #2 - 338 feet - AQ Core - September 22nd to 24th, 1976

Contractor - Norwescon Development Limited
Box 811
Fort Francis, Ontario
S. J. Duggan, President

Diamond Drilling performed 823 days
- - Recorded 820 ✓
- - Balance 3 ✓
for future use

Date March 14, 1977

W. Higgins
Signature of Recorded Holder or Agent

The Mining Act
Certificate Verifying Report of Work

I, WILFRID H. HIGGINS
..... 980 Bourne Crescent, Kingston, Ontario
(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 here-to, having performed the work or witnessed same during and/or after its completion.
2. That the annexed report is true.

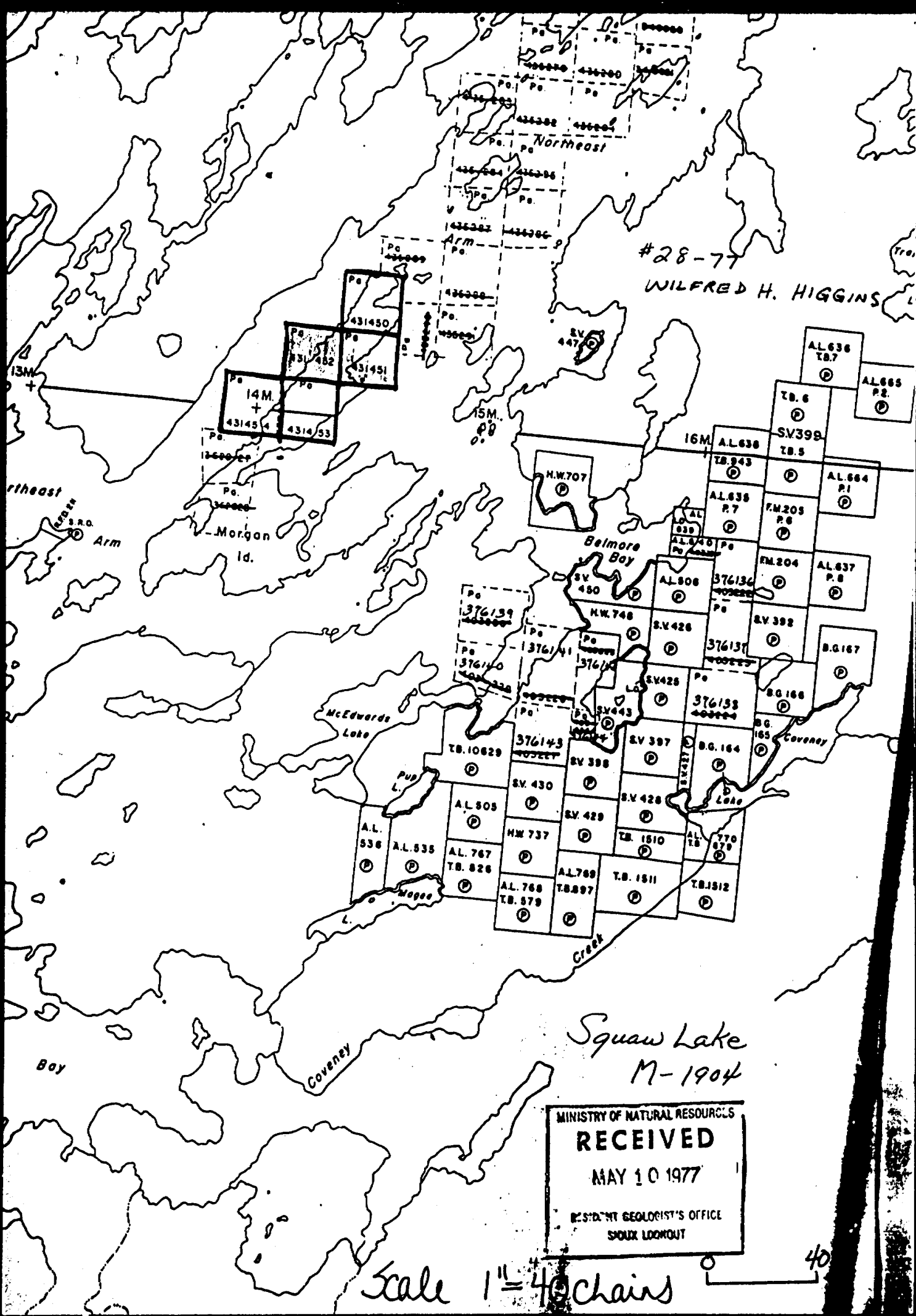
Dated March 24, 1977

PATRICIA
MINING DIV
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APR 1 - 1977
AM 7:00 1021 1977 3:58 PM

Signature

Pa. 431450

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



#28-77
WILFRED H. HIGGINS

Squaw Lake
M-1904

MINISTRY OF NATURAL RESOURCES
RECEIVED
MAY 10 1977
RESIDENT GEOLOGIST'S OFFICE
SNOX LOOKOUT

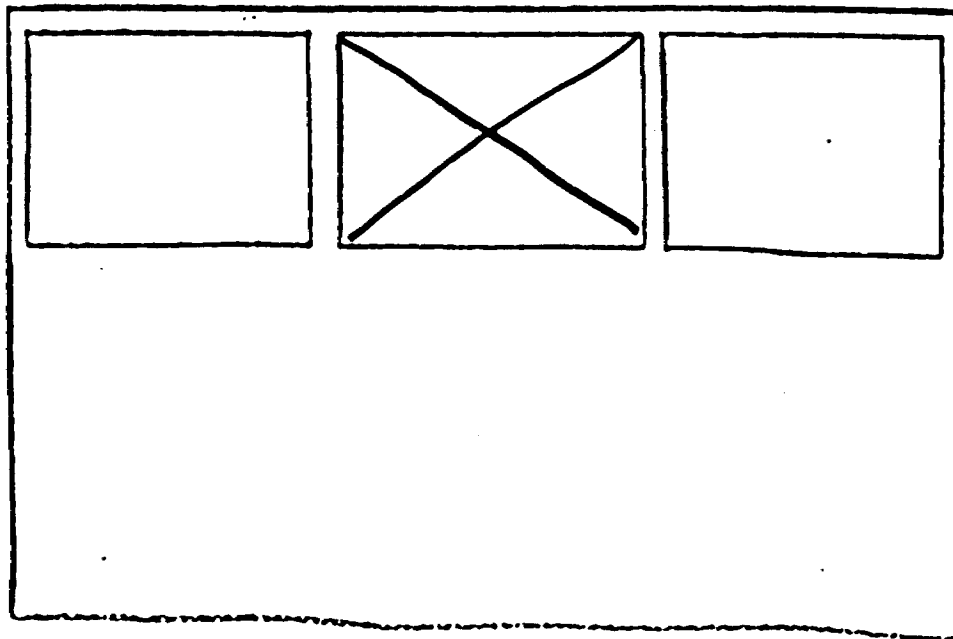
Scale 1" = 40 chains

40

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS

52 J/02 SE-0015-C1, #1

LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)



52J/02SE-0072

LOAD: COMBO/35mm

2.6020



NORTHEAST ARM
STURGEON LAKE

SYMBOLS	
	Outcrop
	Fault
	Contact
	Shearing
	Swamp

LEGEND

MAFIC INTRUSIVES

Metadiorite, porphyritic metagabbro

METAVOLCANICS

Acid Agglomerates, volcanic conglomerates, acid tuffs and breccias.

Andesite - pillowed and massive.

Felsic carbonate breccia, both laminated and with lepilli sized pinkish felsic clasts.

Mafic carbonate breccia, both bedded and with mafic agglomerate clasts.

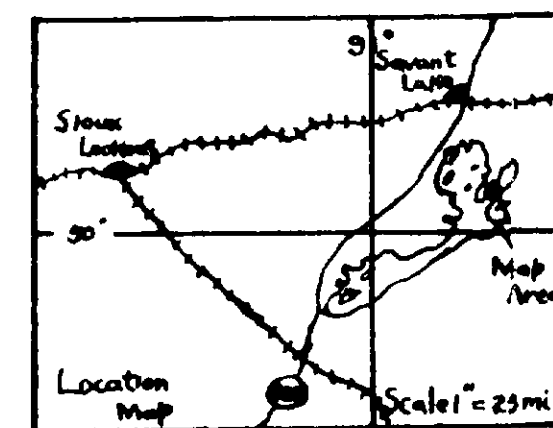
Dacite tuff, dacitic schists, seneite schists, agglomerates and breccias.

MORGAN ISLAND

525/02 SE 0015-C1 #

AVALON SYNDICATE

MORGAN ISLAND
NORTHEAST ARM - STURGEON LAKE
PATRICIA MINING DIVISION



MINISTRY OF NATURAL RESOURCES RECEIVED MAY 10 1977 RESIDENT GEOLOGIST'S OFFICE SIOUX LOOKOUT	GEOLOGY	
	Date: 10-19 Sept 1975	Scale: 1" = 200 ft.
Geologist: W H Higgins		

#28 Patricia (Squaw Lk)

