



52G15NW0086 52G15NW0016D1 SIXMILE LAKE

010

### Diamond Drilling

Area of SIXMILE LAKE

Report N<sup>o</sup> 45

Work performed by: SELCO EXPLORATION CO. LIMITED & A. MOSHER

Claim N <sup>o</sup>	Hole N <sup>o</sup>	Footage	Date	Note
PA 246764	H4A	132.0'	Sept/71	
	H4B	103.0'	Sept/71	
	H-9	332.0'	Apr/72	
PA 227972	<u>H-10</u>	<u>385.0'</u>	Mar/72	
TOTAL	4 DH	952 FT		

Notes:

#174/72

#178/72

DIAMOND DRILL RECORD

HOLE NO. H-4-A

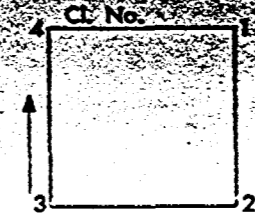
PROPERTY CALMOR JOINT VENTURE - STURGEON AREA

SHEET NO 1

BEARING 210°

LOCATION 154W/25+90N  
Map Sheet "Calmor A-2"

DIP COLLAR 50°



ELEVATION

TOTAL DEPTH 132'

CORE SIZE EXT.

STARTED Sept.

COMPLETED Sept.

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
0	8	CASING										
8	69.5	DACITE - INTERMEDIATE TUFF: Medium to light grey, fine-to-medium-grained, fairly hard. Fragmental texture in places with subrounded to tabular lighter-colored fragments up to 2 cm. across. Mottled appearance where increased feldspar growth. Foliation in chlorite rich sections at 45° to core axis, but bedding consisting of lighter and darker intervals varies in attitude from 45° to 90° to core axis. 62.0 traces of chalcopyrite with pyrrhotite in fractures in siliceous interval.										
69.5	132	INTERMEDIATE TUFF: Similar to above but darker in color and softer. Mottled texture. Disseminated pyrite throughout. 77-112. Scattered bands every 3-5 feet, from 5mm. to 2 cm. thick, consisting of 50% or more pyrrhotite with minor chalcopyrite. Disseminated pyrrhotite and much less chalcopyrite in between. 83.5-120.6 - Quartz veining over several inches with scattered blebs chalcopyrite.	0335	77	82	5.0	5.0					
			0336	82	87	5.0	5.0					
			0337	87	91	4.0	4.0					
			0338	91	96	5.0	5.0					
			0339	96	101	5.0	5.0					
			0340	101	103	2.0	2.0					
			0341	103	108	5.0	5.0					
			0342	108	113	5.0	5.0					
			0343	113	118	5.0	5.0					
			0344	118	123	5.0	5.0					
	132	END OF HOLE.										

PATRICIA  
MINING DIV.  
RECEIVED  
OCT 25 1971  
7:00 AM  
10-19-71 2:45 PM

Conductor:  
Several of the thin scattered bands of pyrrhotite and chalcopyrite between 77 and 112 are conductive.

*W. J. Anderson*

DIAMOND DRILL RECORD

HOLE NO. H-4-B

PROPERTY

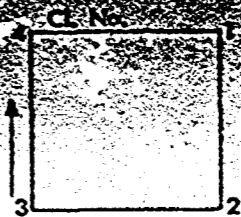
CALMOR JOINT VENTURE - STURGEON

SHEET NO 1

BEARING 210°

LOCATION 158W/26+60N  
Calmor Sheet A-2

DIP COLLAR-50°



ELEVATION

TOTAL DEPTH 103'

CORE SIZE EXT.

STARTED Sept. 25, 1971 COMPLETED Sept. 26, 1971

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS			REMARKS
								cu.	zn.	ag.	
0	5	CASING									
5	103	DACITE - INTERMEDIATE TUFF: Light grey, to medium greenish grey, fairly hard. Grain size variable fine-to-medium grained. Mottled in places where increased feldspar-silica-chlorite growth. Fragmental texture in places with lighter-colored sub-angular to tabular fragments to a maximum size of 1.5 cm. across. Bedding when visible at 45-70° to core axis. Scattered disseminated aggregates pyrite and pyrrhotite usually with traces of chalcopyrite. Pyrrhotite predominant over pyrite after 25'. Scattered bands of pyrrhotite usually 1 cm. or less thick, also large aggregates up to 2 cm. across with minor chalcopyrite associated. 10-20% pyrrhotite with lesser chalcopyrite, in thin stringers, from 46.5-50.5. Lower 25' more chloritic less siliceous. Sulphides mainly pyrite with traces chalcopyrite. Pyrite disseminated and in thin bands of discrete aggregates. Rock type similar to that encountered in lower sections of DDH C-1.	0325	33	35	2.0	2.0				Conductor: Massive bands (up to 1.5 cm.) pyrrhotite at 46.5-50.5, 58.8, 64.5, 66.7, 67. Sulphides usually at 45° core axis.
			0326	35	40	5.0	5.0				
			0327	40	42.5	2.5	2.5				
			0328	42.5	45	2.5	2.5				
			0329	45	46.5	1.5	1.5				
			0330	46.5	50.5	4.0	4.0				
			0331	50.5	55.5	5.0	5.0				
			0332	55.5	60.5	5.0	5.0				
			0333	60.5	65.5	5.0	5.0				
			0334	65.5	68	2.5	2.5				
103		END OF HOLE.									

PATRICIA  
 MINING DIV.  
 REEVE  
 OCT 25 1971  
 AM 7:8.10-11:12.1-2.3.4.5.8 PM

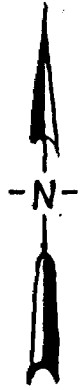
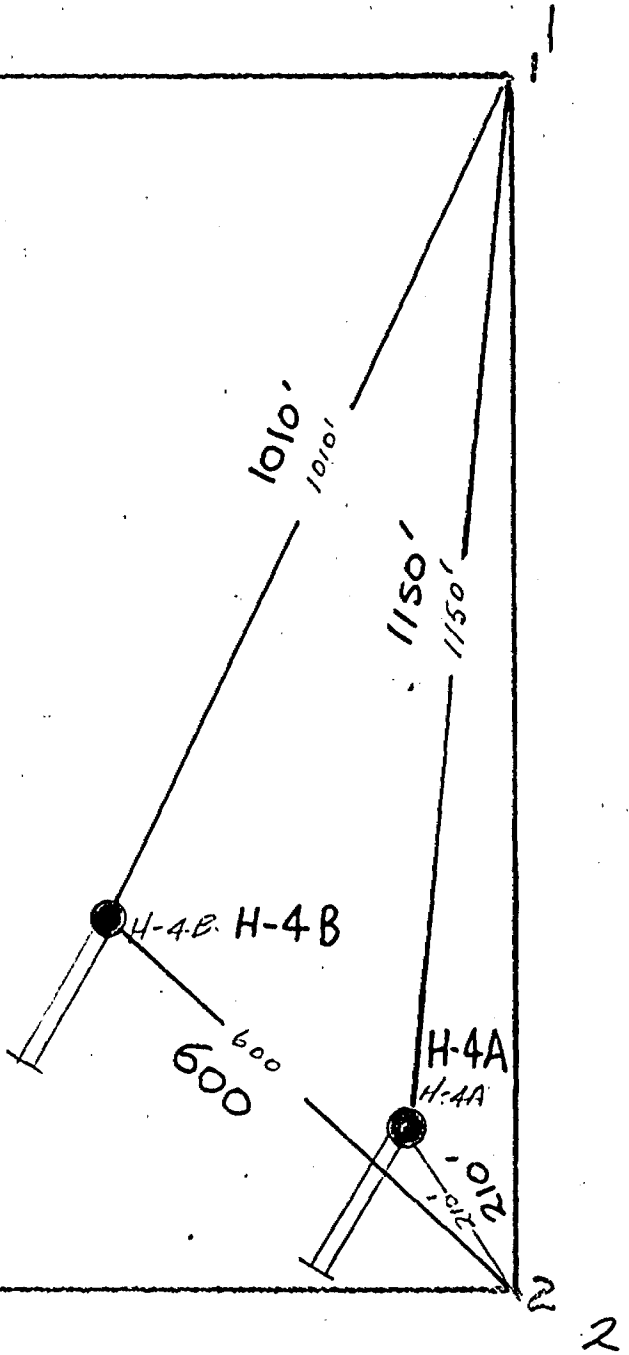
*W. J. Anderson*

DRILLED BY Selco

SIGNED W. J. Anderson

4  
4

PA 246764  
PA 246764



1" = 200 FEET  
1" = 200 FEET

200 FEET

3

3

LAKE

2

2

DIAMOND DRILL RECORD

HOLE NO. H-9

PROPERTY

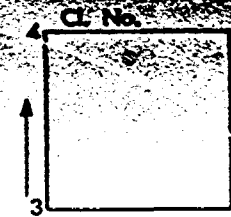
CALMOR JOINT VENTURE - GRID A-2

SHEET NO 1

BEARING 210°

LOCATION 158+00W  
28+05N

DIP COLLAR -60°



ELEVATION

TOTAL DEPTH 332 feet

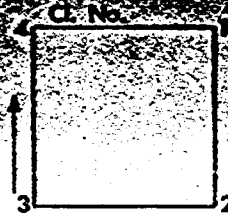
CORE SIZE AXT

STARTED April 2/72

COMPLETED April 4/1972

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS			REMARKS
								Cu	Zn	Ag	
0	15	OVERBURDEN									
15	155	DACITE-INTERMEDIATE TUFF: Light greenish grey, fine grained, hard. Occasional lighter siliceous interval with shadowy fragments visible.									
155	182	DACITE BRECCIA: Composition similar to above but slightly more siliceous. 20% fragments, subangular, up to several inches across, readily visible.									
182	244	DACITE-INTERMEDIATE TUFF: As at 15' but with 5 to up to 20% pyrite, pyrrhotite present as small aggregates, stringers, and occasional massive band pyrrhotite up to 2 inches thick. Minor amounts chalcopyrite throughout, most commonly with pyrrhotite. Notable amounts chalcopyrite: 223' - 4 inch band massive pyrrhotite with 10% chalcopyrite. 235-238' - 20% pyrite, pyrrhotite, erratic chalcopyrite approx. 2-3%. 238.4' - 4 cm x 1 cm x 1 cm aggregate of massive chalcopyrite.	0361	200	205	5.0	5.0	0.16	0.01	0.03	
			0362	205	210	5.0	5.0	0.18	tr	0.02	
			0363	210	215	5.0	5.0	0.22	tr.	0.03	
			0364	215	220	5.0	5.0	0.14	tr.	tr.	
			0365	220	222.5	2.5	2.5	0.11	tr.	tr.	
			0366	222.5	223.5	1.0	1.0	0.85	tr.	0.04	
			0367	223.5	225	1.5	1.5	0.22	tr.	0.03	
			0372	225	230	5.0	5.0	0.23	tr.	0.01	
			0373	230	235	5.0	5.0	0.44	tr.	0.03	
			0374	235	238	3.0	3.0	0.65	0.01	0.01	
			0375	238	239	1.0	1.0	3.10	0.01	0.07	
			0376	239	244	5.0	5.0	0.35	tr.	0.03	
244	295	INTERMEDIATE TUFF-AGGLOMERATE: Medium greyish green, fine grained, more chloritic than units above. Pyrite essentially the sole sulphide - present in thin irregular 1 cm bands of 20% pyrite and									

# DIAMOND DRILL RECORD



HOLE NO. H-9

SHEET NO 2

LOCATION \_\_\_\_\_

PROPERTY \_\_\_\_\_

BEARING \_\_\_\_\_

DIP COLLAR \_\_\_\_\_

ELEVATION \_\_\_\_\_

TOTAL DEPTH \_\_\_\_\_

CORE SIZE \_\_\_\_\_

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

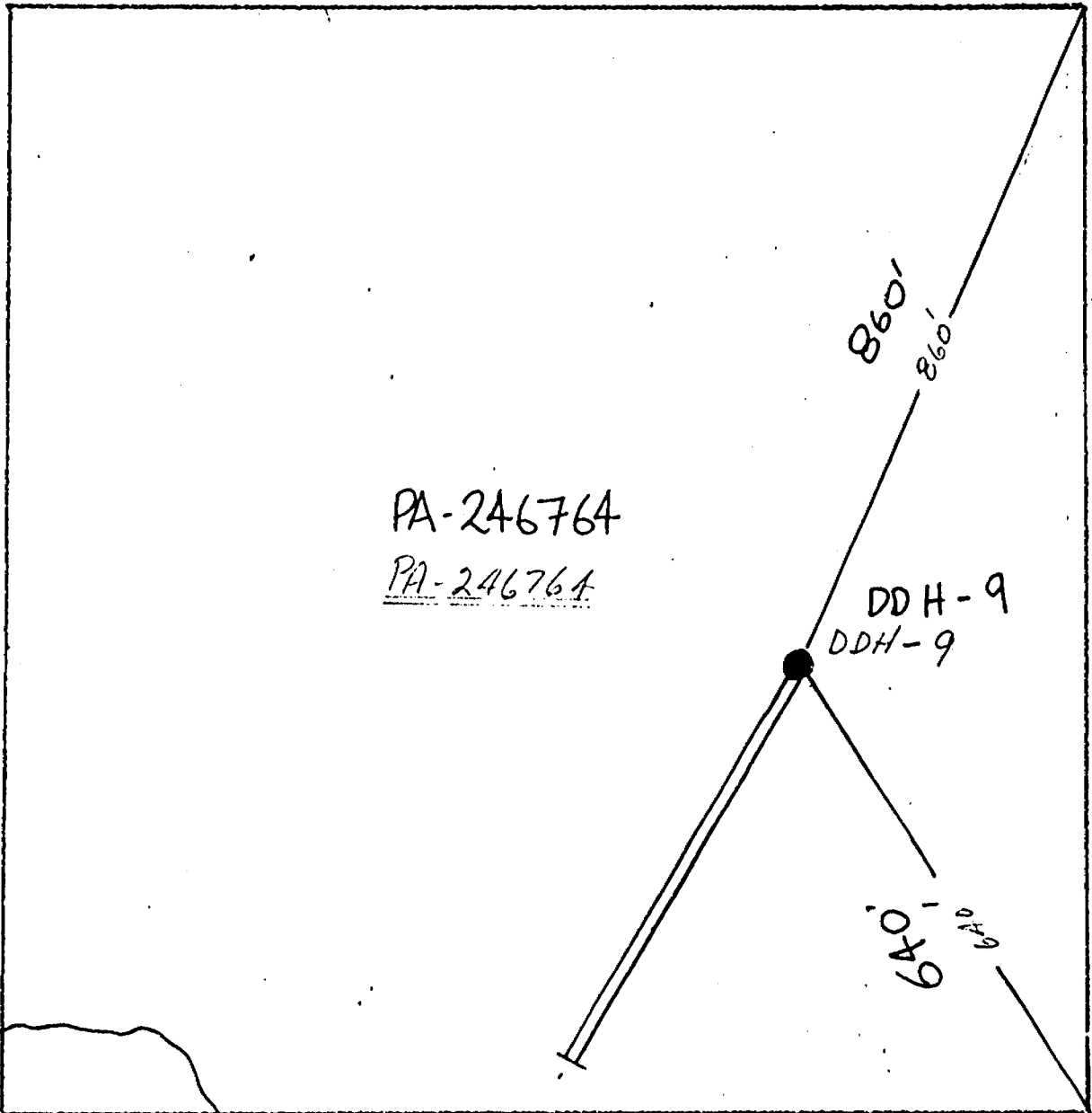
FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
295	332	disseminated trace chalcopyrite. Scattered siliceous fragmental bands up to 6 inches wide. Fragments when isolated, rounded to subrounded										
	332	INTERMEDIATE TUFF: Medium greyish green, fine grained, massive. 1-2% pyrite. Fragmental texture less distinct.										
	332	END of HOLE.										

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_



4  
4



PA-246764  
PA-246764

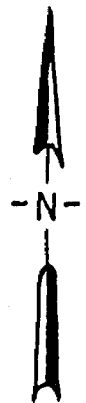
DDH-9  
DDH-9

860'

860'

640'

640'



1" = 200 FEET

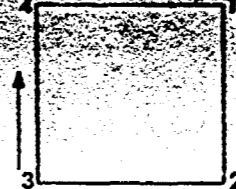


178/72  
178/72  
178/72

3  
3  
LAKE  
LAKE

## DIAMOND DRILL RECORD

CL No.



HOLE NO. H-10

PROPERTY

CALMOR JOINT VENTURE - GRID A-2

SHEET NO 1

BEARING 210°

ELEVATION

LOCATION 138+00W  
17+00N

DIP COLLAR -60°

TOTAL DEPTH 385 feet

CORE SIZE AXT

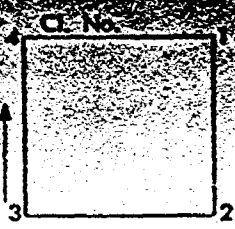
STARTED March 19, 1972 COMPLETED April 4, 1972

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
0	81	OVERBURDEN										
81	155	INTERMEDIATE TUFF-AGGLOMERATE: Dark green, fine grained, soft, chloritized. Upper 10' scattered small (1 cm) siliceous fragments, subrounded. Boundaries of fragments elsewhere often indistinct, but where visible bombs at random attitudes. Strongly fractured, core recovery poor. 100-127' - 40% core recovery.										
155	175	ALTERED INTERMEDIATE TUFF: Similar to above near top, becoming bleached and softer with depth. Complete kaolinization near 175'. 155-169' - 70% core recovery. 169-175' - 10% core recovery.										
175	198	ARGILLITE (Incl. possible FAULT ZONE): Black thinly bedded argillite. 5% pyrite, pyrrhotite in thin sheets, bedding at 50° to core axis. Graphitic. Several small blocks brecciated and oxidized-stained argillite, at about 190'. 175-193' - 25% core recovery. 196-198' - 25% core recovery.										
198	246	INTERMEDIATE TUFF: 198-205' - Bleached, slightly kaolinized, scattered dark chlorite-filled fractures. 198-205' - 40% core recovery. Remainder light greyish green, moderately hard										

DRILLED BY Midwest Drilling Co.SIGNED W.J. Anderson.



SELCO EXPLORATION COMPANY LIMITED  
**DIAMOND DRILL RECORD**



HOLE NO. H-10  
SHEET NO 2  
LOCATION

PROPERTY \_\_\_\_\_  
BEARING \_\_\_\_\_  
DIP COLLAR \_\_\_\_\_

ELEVATION \_\_\_\_\_  
TOTAL DEPTH \_\_\_\_\_  
CORE SIZE \_\_\_\_\_

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
		fine grained.										
246	254	INTERMEDIATE TUFF-SEDIMENT: Medium grey, fine grained, fairly soft, 10-20% small (3-5 mm) subhedral brown biotite metacrysts.										CONDUCTORS: 337-345', 360-369' Argillite.
254	337	INTERMEDIATE TUFF: As at 205'. Lower 5 feet slightly bleached, oxidized.										
337	345	ARGILLITE: Black, fine grained, thinly bedded at 50° to core axis with 10% pyrrhotite in thin sheets. Odd flecks chalcopyrite. Graphitic. Some tuff bands.										
345	360	INTERMEDIATE TUFF										
360	369	ARGILLITE: Soft, dark grey, fine grained. Graphitic, 5-10% pyrrhotite. 1 cm. thick band pyrite at 361.5'.										
369	385	INTERMEDIATE TUFF: Light grey green, fine grained, fairly hard. Scattered siliceous veinlets and stringers. Upper 1.5 feet argillaceous.										
	385	END of HOLE.										

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

A 4

PA-227972

PA-207972

940'

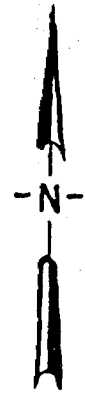
940'

DDH-10 DDH-10

520'

520'

LAKE  
LAKE



1" = 200 FEET

200 FEET

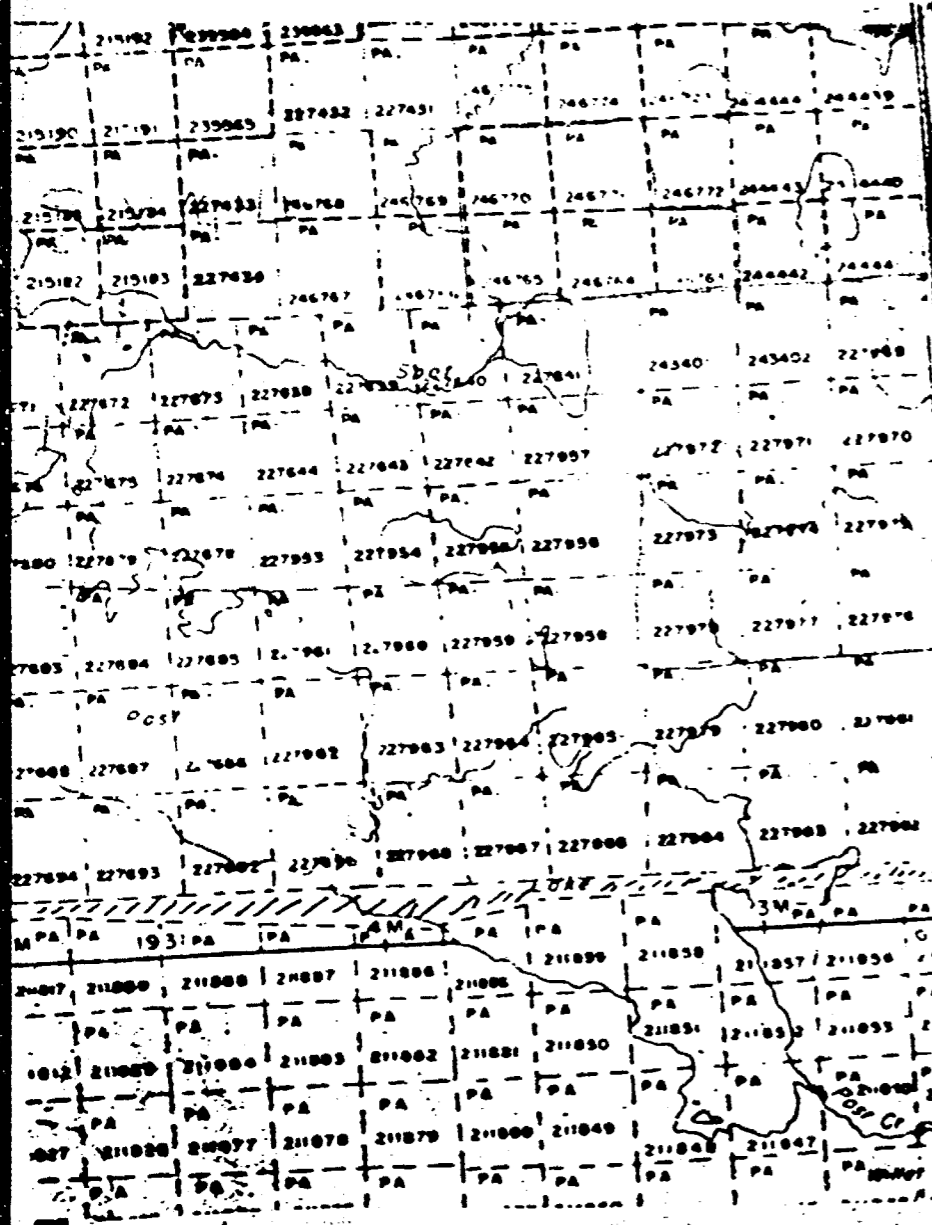
174/72  
174/72

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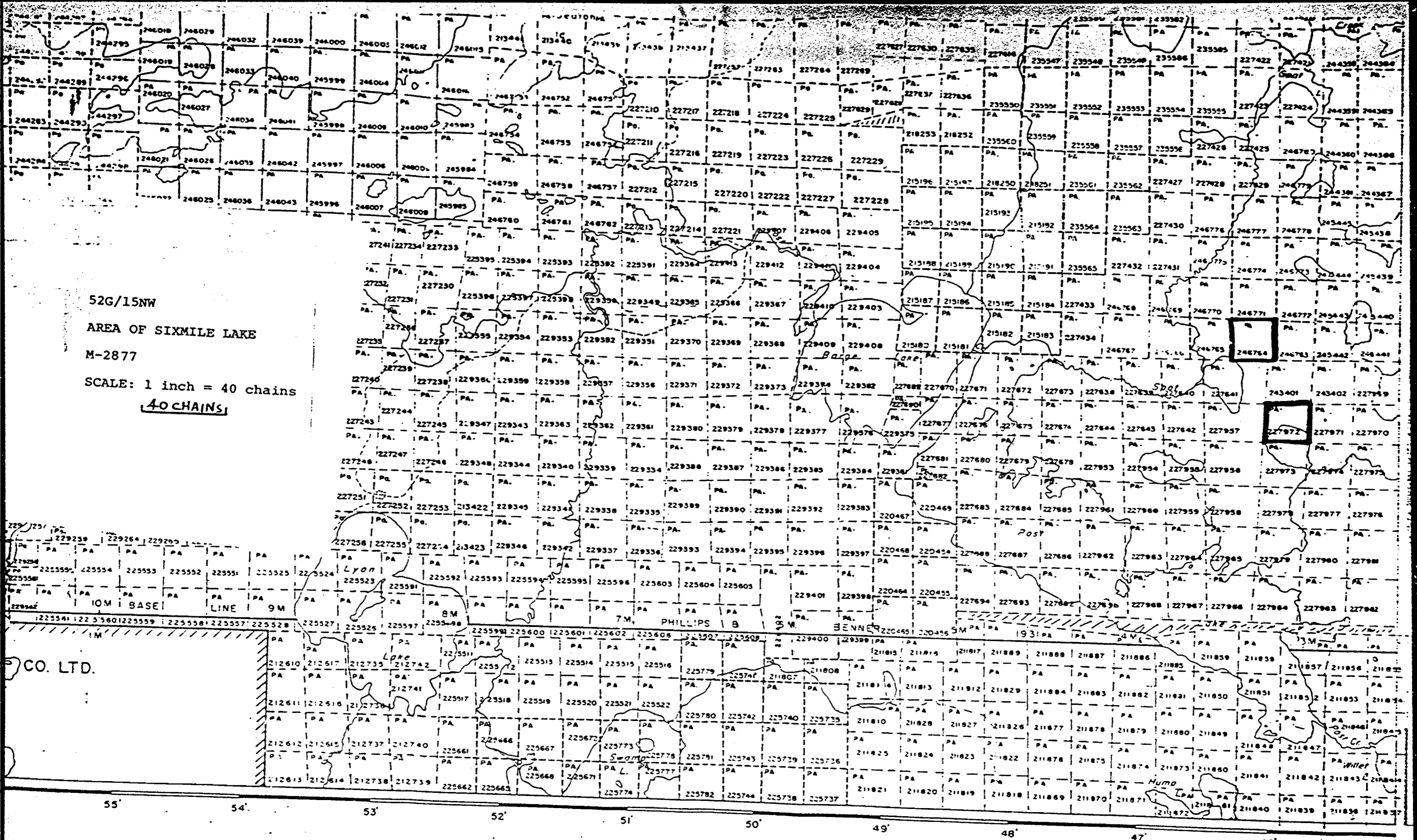


52G/15NW

AREA OF SIXMILE LAKE

M-2877

SCALE: 1 inch = 40 chains  
40 CHAINS



55' 54' 53' 52' 51' 50' 49' 48' 47' 46'

AJ

SIX MILE LAKE M. 2877

BELL-SHIRAGL. M. 1888

Agent for Mining M. 1888  
Six Mile Lake M. 2877  
174



900

REPORT OF WORK

To the Recorder of PATRICIA Mining Division

Alex Mosher B-14444  
name of Recorded Holder Miner's Licence

10th Floor - 85 Richmond St. W., Toronto, Ontario

Post Office Address

do hereby report the performance of 385 days of Diamond Drilling

type of work

not before reported to be applied on the following contiguous claims see attached schedule

PA

Claim No.	Days	Claim No.	Days	Claim No.	Days
227972 <sup>SM</sup>	1	244349 <sup>B.S.</sup>	8	244393	8
244344	8	244386	8	244394	8
244345	8	244387	8	244395	8
244346	8	244388	8	244396	8
244347	8	244389	8	244397	8
244348	8	244392	8	244398	8
				244399	8

All the work was performed on Mining Claim (s) PA 227972  
(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 90 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)

DDH - H-10      Bearing - 210      Dip - 60'      Total Depth - 385 feet  
Core Size: AXT

Started: MARCH 29th, 1972      Completed: April 1st, 1972

Drilled by: Midwest Drilling Co.  
Winnipeg, Manitoba

Date June 26th, 1972

J. A. Gribben  
Signature of Recorded Holder or Agent

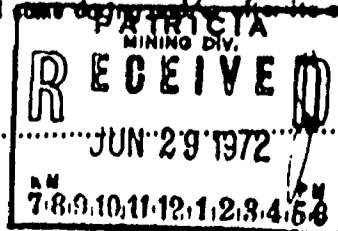
The Mining Act  
Certificate Verifying Report of Work

I, J.A. Gribben  
6th Floor - 55 Yonge St., 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 the completion.
- That the annexed report is true.

Dated June 26th 1972



J. A. Gribben  
Signature  
Pa. 227972

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

SIXMILE LAKE M2877

SIXMILE LAKE M-2875  
QUEST LAKE M-2875



ONTARIO

THE MINING ACT REPORT OF WORK

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

#393

To the Recorder of PATRICIA Mining Division

by A. G. Mosher B-1444  
name of Recorded Holder Miner's Licence

Ste. 1000, 11 King Street West, TORONTO, Ontario.  
Post Office Address

do hereby report the performance of 223.8 days of Diamond Drilling  
type of work

not before reported to be applied on the following contiguous claims and attached schedule

Claim No.	Days	Claim No.	Days	Claim No.	Days
PA 227640 ✓	7.4	227970 ✓	7.4	227976 ✓	7.4
227641 ✓	6.4	227971 ✓	7.4	227977 ✓	7.4
227642 ✓ <i>SM</i>	6.4	227972 ✓ <i>SM</i>	7.4	227978 ✓	7.4
227643 ✓	6.4	227973 ✓	7.4	243401 ✓ <i>M</i>	6.4
227957 ✓	6.4	227974 ✓	7.4	243402 ✓	6.4
227969 ✓	7.4	227975 ✓	7.4	243412 ✓	7.4

All the work was performed on Mining Claim (s) PA-246764  
(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)

DDH - H 4A Bearing - 210° Dip - 50° Total Depth - 132'  
 Started - Sept. 19/71 Completed - Sept. 23/71

H 4B Bearing - 210° Dip - 50° Total Depth - 103'  
 Started - Sept. 25/71 Completed - Sept. 26/71

Core Size - EXT

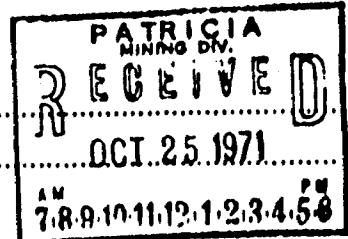
Drilled by - E.J. McCormick - Selco Employee

Date Oct 21, 1971

Signature of E. J. McCormick Agent

The Mining Act  
Certificate Verifying Report of Work

J. A. Gribben  
6th Floor, 55 Yonge Street, TORONTO, 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 hereto, having performed the work or witnessed same during and/or after its completion.
2. That the annexed report is true.

Date Oct 21 19 71

Signature J. A. Gribben  
Pa. 227638

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



ATTACHED SCHEDULE

<u>Claim No.</u>	<u>Days</u>
244400	8
245401	8
245402	8
245403	8
245404	8
245405	8
245406	8
245407	8
245408	8
245409	8
247348	8
247349	8
247350	8
247351	8
247352	8

<u>Claim No.</u>	<u>Days</u>
247353	8
247354	8
247355	8
247356	8
247357	8
247358	8
247359	8
247360	8
247361	8
247362	8
247363	8
247364	8
247365	8
247366	8
247367	8

PATRICIA  
MINING DIV.  
**RECEIVED**  
JUN 29 1972  
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

ONT. DEPT. OF MINES  
RECEIVED  
JUL 21 1972  
Assistant Geologist, Kenora, Ont.

# 393

ATTACHED SCHEDULE

<u>Claim No.</u>	<u>Days</u>
PA 243413	7.4
243414	7.4
243419	6.4
243420	6.4
243421	6.4
243422	6.4
243425	7.4
243426	7.4
243427	7.4
246763	7.4
246764	6.4
246765	7.4
246770	6.4
246771	6.4

PATRICIA  
MINING DIV.  
RECEIVED  
OCT 25 1971  
AM 7 8 9 10 11 12 1 2 3 4 5 8 PM

Pa. 227638