



52G14SE0033 52G14SE002001 VALORA LAKE

010

Diamond Drilling

Area of Valora Lake

Report NO 29

Work performed by: Stump Mines Ltd.

Claim NO	Hole NO	Footage	Date	Note
PA. 250000	#S-1	317.5'	Feb/71	(.)
	#S-2	606'	Feb-Mar/71	(1)
<i>Total:- 2DH</i>		<u>923.5'</u>		

Notes: (1) 437/71



52G14SE0033 52G14SE002001 VALORA LAKE

020

REPORT ON
DRILLING OF SCANDIA OPTION
STURGEON LAKE AREA, ONTARIO
STUMP MINES LIMITED

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REPORT ON
DRILLING OF SCANDIA OPTION
STURGEON LAKE AREA, ONTARIO
STUMP MIMES LIMITED

Report on
Drilling of Scandia Option
Sturgeon Lake Area, Ontario
Stump Mines Limited

SUMMARY

During 1970 magnetic and electromagnetic surveys were carried out by Scandia on their claim group on the west boundary of Abitibi Block No.7. A conductive zone with associated magnetics was outlined. This was traced from the eastern edge of the property westward by an induced polarization survey.

Two drill holes were completed both intersected with zones of banded rhyolite tuffs along with other volcanic members. Each hole contained sufficient seams and disseminations of sulphides to account for the anomalous features. Minor chalcopyrite was contained in a 1.5 foot sulphide zone at 560 feet in hole S-2. Logs and sections are included.

Tom Gledhill



Report on
Drilling of Scandia Option
Sturgeon Lake Area, Ontario
Stump Mines Limited

SUMMARY

During 1970 magnetic and electromagnetic surveys were carried out by Scandia on their claim group on the west boundary of Abitibi Block No. 7. A conductive zone with associated magnetics was outlined. This was traced from the eastern edge of the property westward by an induced polarization survey.

Two drill holes were completed both intersected with zones of banded rhyolite tuffs along with other volcanic members. Each hole contained sufficient seams and disseminations of sulphides to account for the anomalous features. Minor chalcopyrite was contained in a 1.5 foot sulphide zone at 560 feet in hole S-2. Logs and sections are included.

DIAMOND DRILLING LOG

Drilling Company: Morisieu Drilling Company Hole # 1

Hole started: 19/2/71 Hole completed: 23/2/71

Exp. Co. Owner or Optionee: Scandia Mining & Exploration Ltd.
Optionee Stump Mines Ltd.

Date logged: 24/3/71 Date Submitted: 9/12/71

Logged by: Tom Gledhill, Eng. Submitted by: Scandia Mining & Exploration

Bearing of Hole: True North Total Footage: 317.0' Dip of Hole: 45°

Location of Hole: See map and report by Tom Gledhill

Claim No. 25000 Location: Sturgeon Lake, Patricia Mining Div. N/W Ontario

Property Name: Scandias South Group (No 1)

See attached drill report from Mattagami Lake Mines Ltd. and Tom Gledhill,

P. Eng, - Drill Log Report.

**DUPLICATE COPY
FOR QUALITY ORIGINAL
TO FOLLOW**

PROPERTY: Stump Mines Limited, Scandia Option

Latitude: 10 + 00N Bearing: Grid North Page: 1

Departure: Line 6W Dip: -45°

Location PA250000 Length: 300' proposed 317.5' Core Size: AX

Elevation: _____ Started: 19/2/71 Completed: 22/2/71

Core Recovery: 98% Drilled by: D.D. Monessette Logged by: Tom Gledhill

0.0 - 10.0	CASING
10.0 - 34.0	BANDED RYHOLITE TUFFS 50° to core axis - chloritized
34.0 - 39.0	BASIC DYKE
39.0 - 58.5	BANDED RYHOLITE TUFFS
58.5 - 61.0	BASIC DYKE - 1% pyrite
61.0 - 105.0	BANDED RYHOLITE TUFFS - 45° to core axis
105.0 - 106.0	BASIC DYKE
106.0 - 120.5	BANDED RYHOLITE TUFFS - 45° to core axis
120.5 - 123.0	QUARTZ VEIN
123.0 - 156.0	BANDED RYHOLITE TUFFS
156.0 - 159.0	BANDED RYHOLITE TUFFS - 10% pyrite minor chalcopryite
159.0 - 189.0	BANDED RYHOLITE TUFFS -
167.0 - 167.4	+ 30% pyrite
171.0 - 171.2	+ 10% pyrite
189.0 - 192.0	ARID DYKE
192.0 - 243.0	RYHOLITE FLOWS - massive, 45° to core axis
243.0 - 252.0	BANDED RYHOLITE TUFFS
252.0 - 273.0	RYHOLITE TUFF AND FLOWS - badly broken core
258.5 - 258.6	+ 40% pyrite, pyrrhotite miner Cholro.
273.0 - 288.0	RYHOLITE TUFFS AND FLOWS
288.0 - 291.0	Lost core
291.0 - 293.0	Ryhotite tuffs - minor pyrites, pyrrhotite & chalco
293.0 - 297.3	QUARTZ - FELDSPAR PORPHYRY DYKE
297.3 - 317.5	Banded Ryholite Tuffs

**DUPLICATE COPY
FOR QUALITY ORIGINAL
TO FOLLOW**

Drill Core Log

Property Stump Mines Limited

Scandia Option

Hole No. S-1

Latitude 10+00N

Bearing Grid North

Page 1

Departure Line 6W

Dip -45°

300' proposed

Location PA 250000

Length 317.5'

Core Size AX

Sturgeon Lake Head Intern

Elevation _____

Started 19/2/71

Completed 23/2/71

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.
0	10.0'	Casing		
10.0	34'	<u>Banded Ryholite Tuffs</u> 50° to core axis - chloritized		
34'	39'	<u>Basic Dyke</u>		
39'	58.5'	<u>Banded Ryholite Tuffs</u>		
58.5'	61.0'	<u>Basic Dyke - 1% pyrite</u>		
61.0'	105'	<u>Banded Ryholite Tuffs</u> 45° to core axis		
105'	106'	<u>Basic Dyke</u>		
106'	120.5'	<u>Banded Ryholite Tuffs</u> 45° to core axis		
120.5'	123'	<u>Quartz Vein</u>		
123'	156'	<u>Banded Ryholite Tuffs</u>		
156'	159'	<u>Banded Ryholite Tuffs</u> 10% Pyrite minor Chalcopyrite		
<u>159'</u>	<u>189'</u>	<u>Banded Ryholite Tuffs</u>		
167.0	167.4	+30% Pyrite		
171	171.2	+10% Pyrite		
189	192	<u>Acid Dyke</u>		
192	243	<u>Ryholite Flows - Massive</u> 45° to core axis		

98% CORE RECOVERY



Drilled by Morressett D.E.

Tom Gledhill

Drill Core Log

Property Stump Mines Limited
Scandia Option

Hole No. S-1

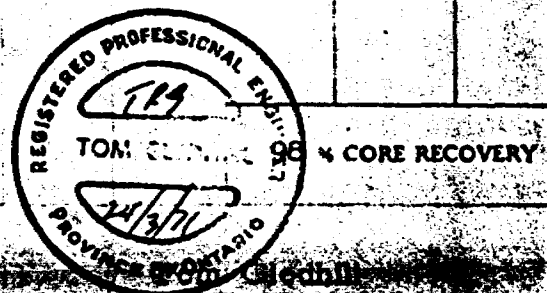
Latitude 10+00N Bearing Grid North Page 2

Departure Line 6W Dip -45°

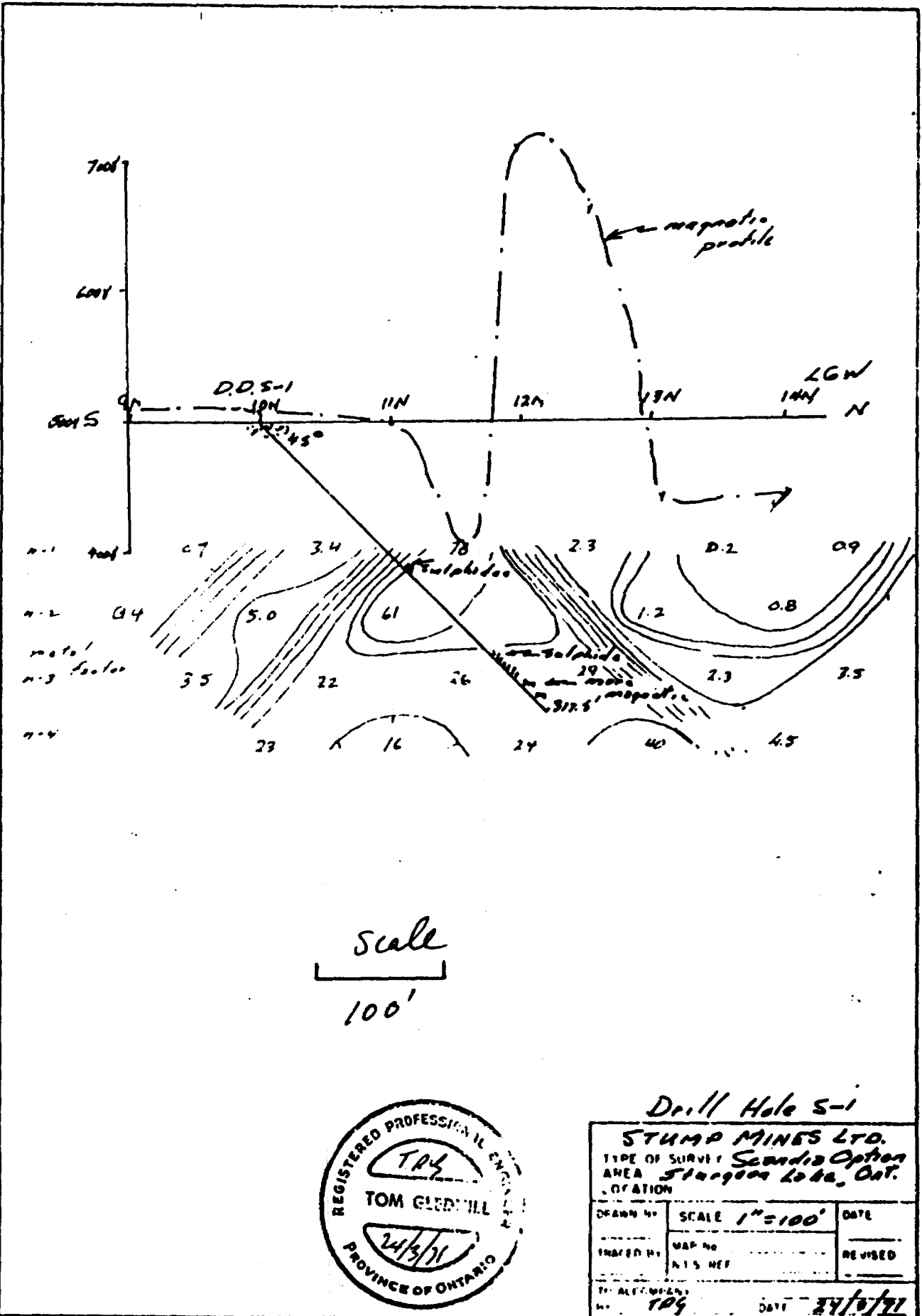
Location PA 250000 Length 317.5' Core Size AX
Sturgeon Lake Area, Ontario

Elevation _____ Started 19/2/71 Completed 23/2/71

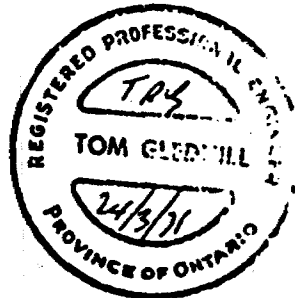
FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.
243	252	<u>Banded Ryholite Tuffs</u>		
252	273	<u>Ryholite Tuffs and Flows</u>		
258.5	258.6	Badly broken core +40% Pyrite, Pyrrhotite minor Chalco		
273	288	<u>Ryholite Tuffs and Flows</u>		
288	291	Lost Core		
291	293	<u>Ryholite Tuffs</u> - minor pyrite, pyrrhotite, chalco		
293	297.3	<u>Quartz - Feldspar Porphyry Dyke</u>		
297.3	317.5	<u>Banded Ryholite Tuffs</u>		



Drilled by M. J. Messert, D.D.



Scale
100'



Drill Hole S-1

STUMP MINES LTD.		
TYPE OF SURVEY: Scandia Option		
AREA: Sturgeon Lake, Ont.		
LOCATION:		
DRAWN BY:	SCALE: 1"=100'	DATE:
TRACED BY:	MAP NO.:	REVISED:
TO: ALFRED HENRY		DATE: 27/5/71
NO. 109		

DIAMOND DRILLING LOG

Drilling Company: Morisette Diamond Drilling Company

Hole started: 19/2/71 Hole completed: 23/2/71

Exploration Co. owner or optionee: Scandia Mining & Exploration Ltd

Optionee: Stump Mines Limited

Date logged: 24/3/71 Date Submitted: 9/12/71

Bearing of Hole: True North Total Footage: 606' Dip of hole: 45°

Logged by: Tom Gledhill, Eng. Submitted by: Scandia Mining & Exploration Ltd.

Hole No: 2 Claim No. 25000

Location: Sturgeon Lake - Patricia Mining Division N/W Ontario

Property Name: Scandias South group (No. 1)

See attached drill report from Mattagami Lake Mines Limited and Tom Gledhill,
Eng. - Drill-log report.

Drill Core Log

Property Stump Mines Limited
Scandia Option

Hole No. S-2

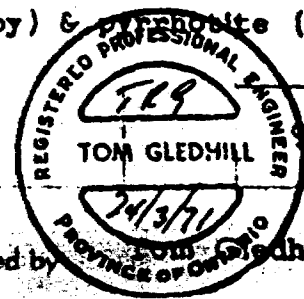
Latitude 64°00'N Bearing Grid N Page 1 of 2

Departure L 18+00W Dip 45°

Location ^{PA 250000} Sturgeon Lake Area Length 606' final Core Size AXT
Ontario

Elevation 20-30 above S-1 Started Feb. 26/71 Completed March 3/71

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.
0	14	Casing		
14	26	<u>Banded Rhyolite</u> - foliation 40° to core axis (40°X)		
26	27	<u>Acid Dyke</u>		
27	66.5	<u>Banded Rhyolite Tuff</u> 60°X		
66.5	71	<u>Acid Dyke</u>		
71	75	<u>Rhyolite Tuff</u> 50°X chloritized		
75	76.5	<u>Quartz - porphyry Dyke</u>		
76.5	101	<u>Banded Rhyolite Tuff</u> 50°X chloritized, garnets		
101	111	<u>Acid Dyke</u> - massive		
111	114	<u>Banded Rhyolite Tuff</u>		
114	114.5	<u>Quartz - porphyry Dyke</u>		
114.5	147	<u>Volcanics</u> chloritized vesicles 45°X		
147	174	<u>Banded Rhyolite Tuff</u>		
174	175	<u>Acid Dyke</u>		
175	374	<u>Banded Rhyolite Tuff</u> 40°X minor bombs, contorted		
	308	Minor flecks of calcopyrite		
374	396.5	<u>Chloritized Tuff</u> minor pyrite (py) & <u>pyrrhotite</u> (po) 60°X		
	385	two 1/2" seams of py & po		



Drilled by N. Morresett D.D. Ltd.

Logged by Tom Gledhill

9% CORE RECOVERY

Drill Core Log

Property Stump Mines Limited
Scandia Cption

Hole No. S-2

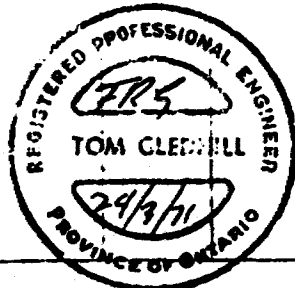
Latitude 6+50N Bearing Grid N Page 2 of 2

Departure L18+00W Dip 45°

Location Sturgeon Lake Area Length est. 600'
606' final Core Size AXT

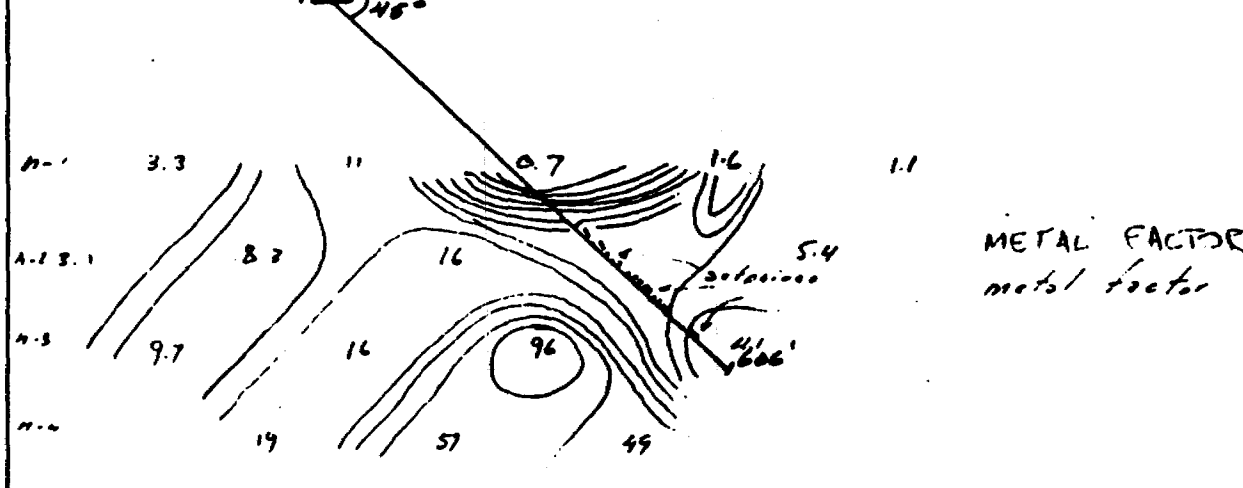
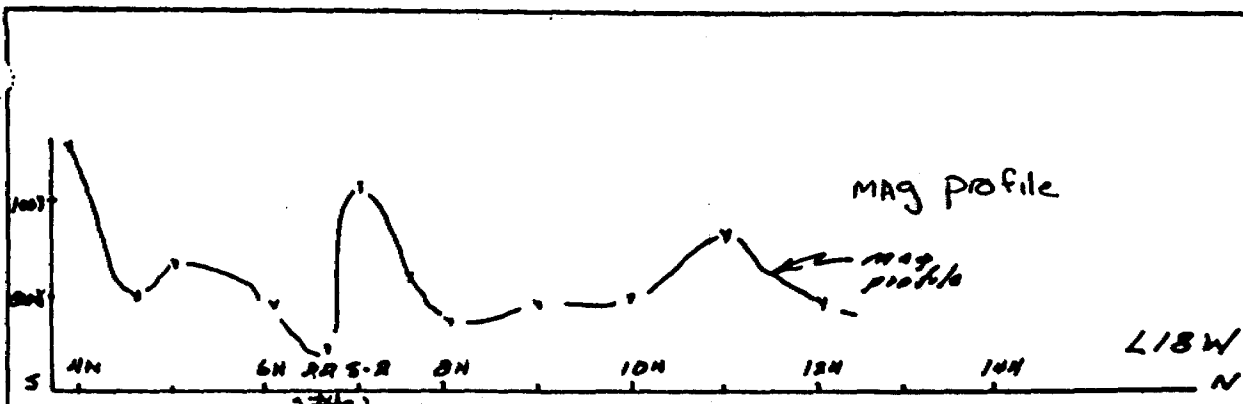
Elevation 20-30 above S-1 Started Feb.26/71 Completed March 3/71

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.
396.5	399.5	<u>Acid Dyke</u> , brotite		
399.5	440	<u>Banded Chloritized Tuff</u> - minor py & po		
440	443	<u>Acid Dyke</u>		
443	513	<u>Banded Chloritized Tuff</u> - minor py, garnets 40°-60°X		
513	542.5	<u>Acid Dyke</u> - porphyritic		
	529	3 feet lost ore		
542.5	556	<u>Banded Chloritized Tuff</u> - minor sulphides		
556	558.7	<u>Cherty Tuff</u>		
558.7	560.2	<u>Chloritized Tuff</u> - banded 15% sulphide pg & po, less than 0.02% Cu as chalcopyrite		
560.2	563	<u>Chloritized Tuff</u> - minor sulphides, 60°X		
563	564	<u>Acid Dyke</u>		
564	606	<u>Banded Rhyolite Tuff</u> 70-80°X		
	595	0.1' pyrite seam		



99% CORE RECOVER

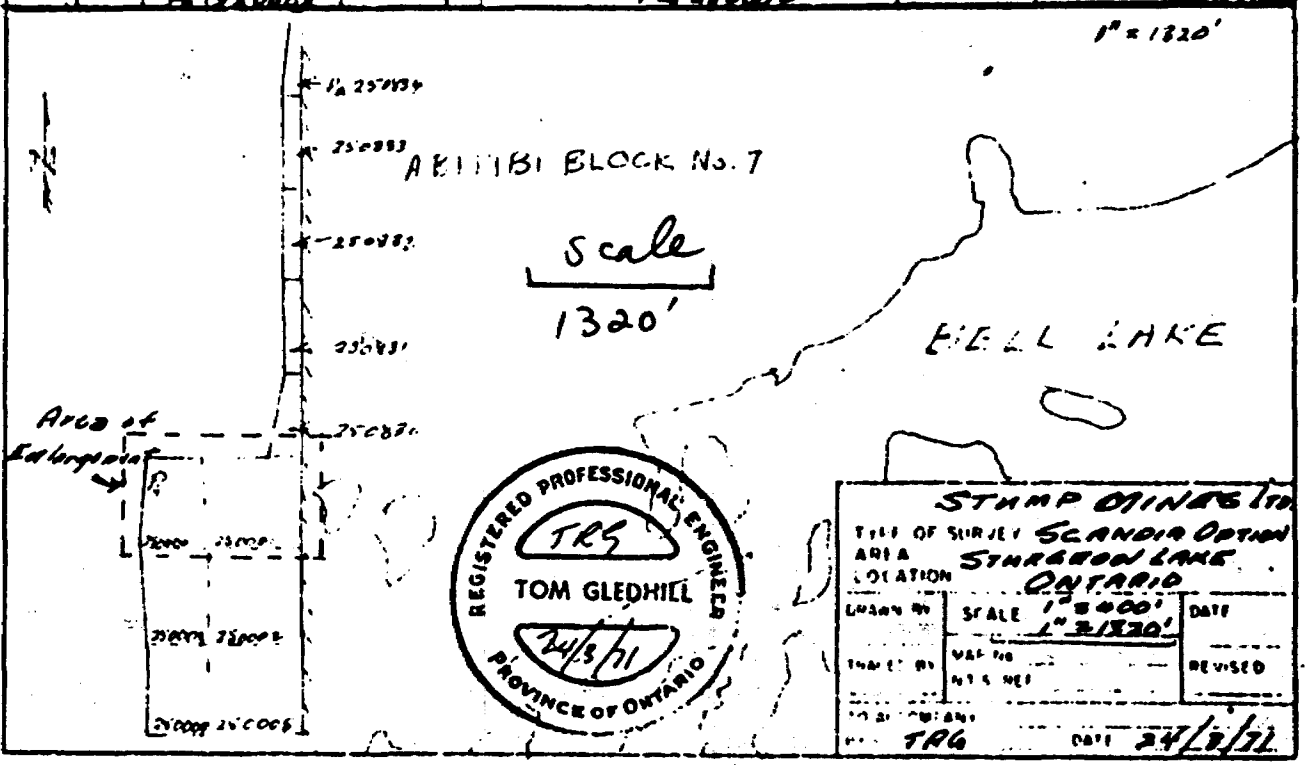
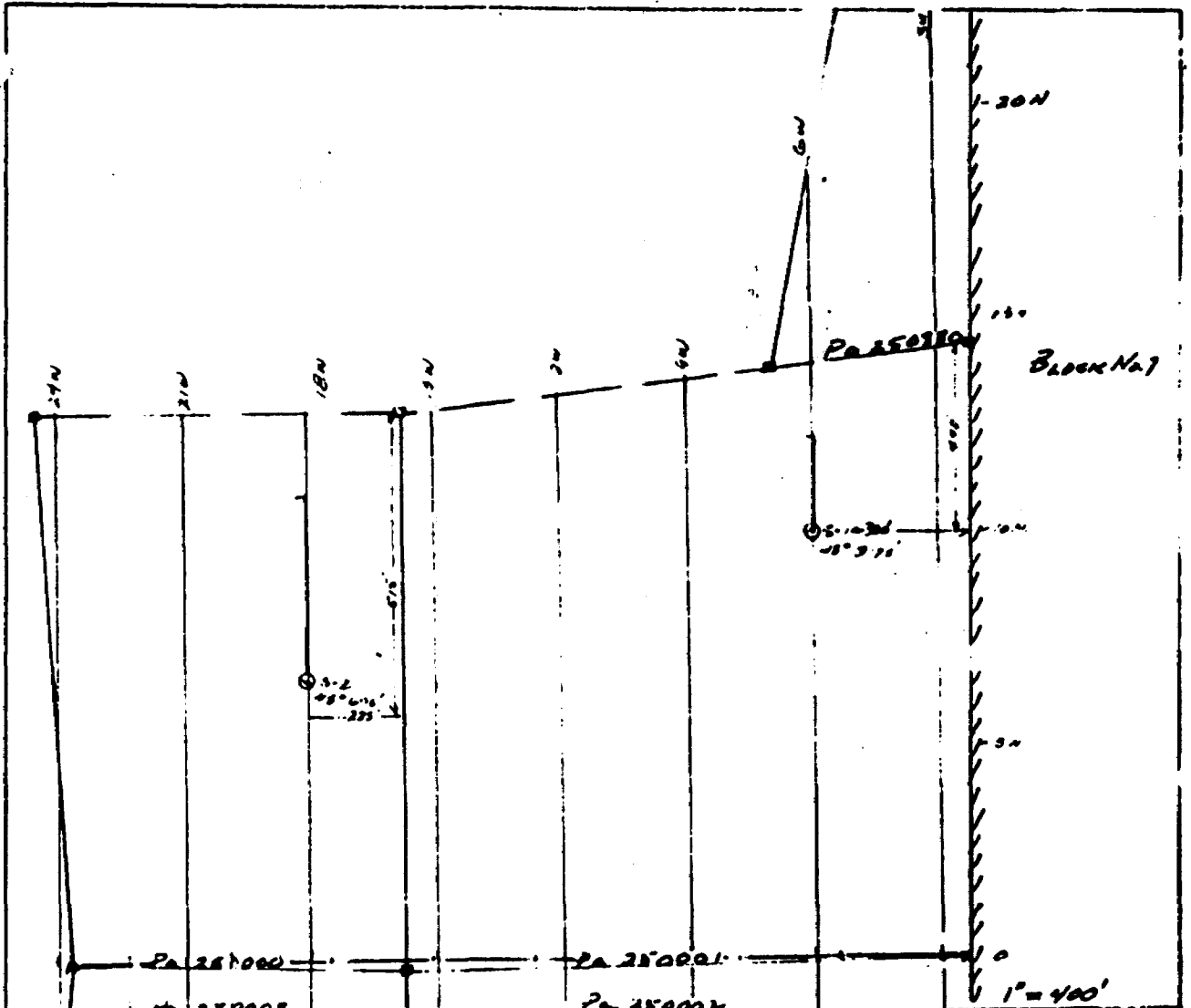
Drilled by N. Morresett D.D. Ltd. Logged by Tom Gledhill

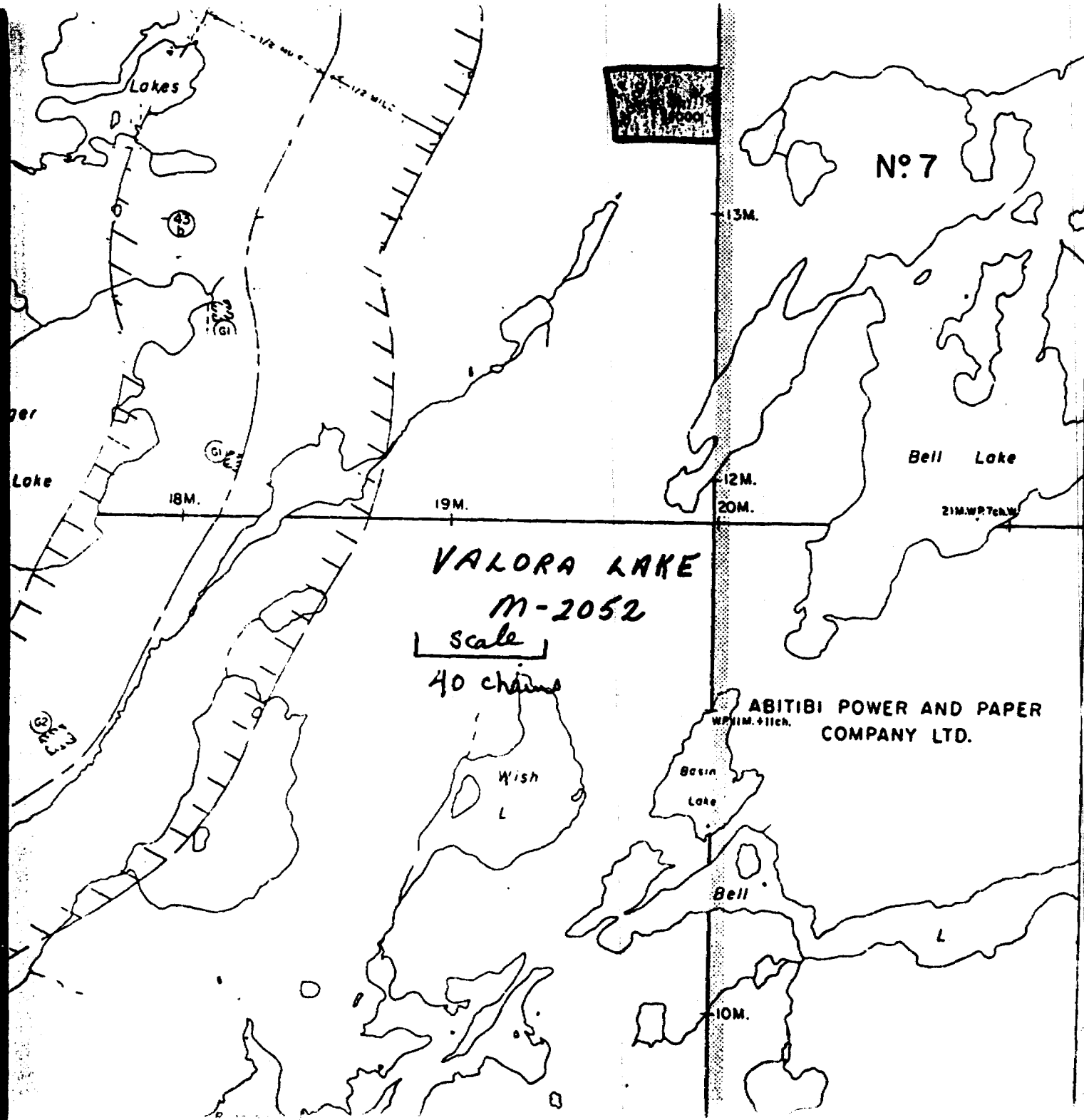


Drill Hole S-2

STUMP MINES LTD.
 TYPE OF SURVEY *Scandia Optima*
 AREA *Sturgeon Lake, Ont.*
 LOCATION

DRAWN BY	SCALE <i>1" = 200'</i>	DATE
TRACED BY	MAP No <i>1002</i>	REVISED
TO ACCOMPANY	NTS REF	
BY <i>TGG</i>	DATE <i>22/2/11</i>	





To the Recorder of
 1, ... SCANDI
 SUITE 1

do hereby report the
 not before reported

Claim No.
 7A 25000/ 31
 PA 250000 60

All the work was pe
 (In the case of geol

READ CAREFULLY

For Manual Work, Str
addresses of the me
For Diamond and oth
owner or operator of
For Compressed Air

Type of drill or equi
their employment.
For Power Stripping
work was done. Proo
With each of the abo
to the nearest claim
For Geological and C
instrument used in th
within 60 days of rec
For Land Survey - th

The Required Inform

3 copy Diamond
 Mine
 1 copy of
 S...

(VALORA LAKE)
M-2062

S W STURGEON LAKE AREA

M-2266
M+2266



ONTARIO

THE MINING ACT REPORT OF WORK

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

437

(75) 1971

52G/14SE

To the Recorder of SILOUX LOOKOUT - PATRICIA Mining Division

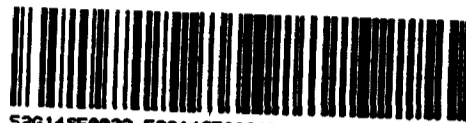
1, SCANDIA MINING & EXPLORATION LTD T 390
name of Recorded Holder Miner's Licence

SUITE 1005, 50 PLACE CREMAZIE W, MONTREAL 351, P.Q.
Post Office Address

do hereby report the performance of 923.0 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 250001	317.0				
PA 250000	606.0				



52G14SE0033 52G14SE002081 VALORA LAKE

900

All the work was performed on Mining Claim (s) Pa. 250000 + Pa. 250001
(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)

3 copy Diamond drill hole Records - Mattagami Lake
Mines Exploration Division attached to Ontario D.D. by

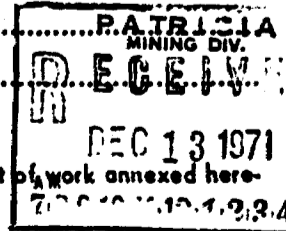
1 copy of Eng. Tom Gledhill Report on drilling of
Scandia Option Sturgeon Lake Area, Ontario

1 copy of diamond drill Hole No 1 signed by Tom Gledhill, Eng.
Copies of letter from G.D. Harvey, Eng. F.R. Schmitz, F. R. Schmitz

Date 9th of Dec. 1971 SCANDIA MINING & EXPLORATION
Signature of Recorded Holder or Agent
Bjarn O. Kuendbo, President

The Mining Act
Certificate Verifying Report of Work

1, Bjarn O. KUENDBO, 253 FLORIAN Rd.
ROSEMERE, P.Q.
(Post Office Address)



hereby certify:

- 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.
- That the annexed report is true.

Dated 9/12 19 71

Bjarn O. Kuendbo
Signature

Pa. 250000

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

Mattagami Lake Mines Limited
Exploration Division

April 16, 1971

Mr. John Shemilt, President
Stump Mines Limited
23 - 15 - 401 Bay Street
Toronto, Ontario

Dear Sir:

Enclosed please find copies of drill logs and assays pertaining to diamond drill holes recently completed by your company in the Strurgeon Lake area of northwestern Ontario.

Thank you for allowing us to examine the diamond drill core and as arranged previously between us the core is being stored for Stump Mines Ltd. by Mattagami at the Mattabi Mines Ltd. minesite.

Yours truly,

J. D. Harvey
Chief Exploration Geologist
Mattagami Lake Mines Limited

JDH:mc

Stump Mines Ltd. (N.P.L.)
Suite 2315, 401 Bay Street
Toronto 103, Ontario

December 1, 1971

Day Wilson & Campbell
Barristers & Solicitors
Suite 600
250 University Avenue
Toronto, Ontario

Attention: Mr. W. Filipiuk

Dear Sirs:

Re: Option Agreement between Stump Mines
Ltd. (N.P.L.) and Scandia Mining and
Exploration Ltd.

Enclosed is a copy of a letter which we have written to
Scandia wherein we have abandoned the above captioned
agreement.

Please return to Scandia, the transfer forms which were
deposited with you as escrow agent on January 7, 1971.

Yours very truly,

J. R. Shemilt
President

JPS:js

Enclosure

c. Scandia Mining

Scandia Mines Ltd. (N.P.L.)
Suite 2315, 401 Bay Street
Toronto 103, Ontario

December 1, 1971

Scandia Mining & Exploration
Suite 1005, Place Cremazie
50 Cremazie Boulevard West
Montreal 351, Quebec

Attention: B.O. Kvendbo Esq. President

Dear Sirs:

Confirming our telegram of yeaterday, we hereby give you notice that we are abandoning our interest in the Option Agreement between ourselves dated December 16th, 1970.

Under the terms of the agreement, we enclose the following:

1. Copy of a letter to Messrs. Lay, Wilson & Campbell instructing that firm to return transfer forms to you.
2. Magnetomete Survey Map
3. Electromagnetic Survey Map
4. McPhar I. P. report
5. Three copies of report by Tom Gledhill, P. Eng., covering results of drilling.
6. Copy of letter from Mattagami Lake Mines showing location of drill core.
7. Copy of check drill log and assay results done by Mattagami

Please let us know if you require anything further.

Yours very truly,

J. R. Shemilt
President

JRS:js

Enclosures