

010

Diamond Drilling

Area of Valora Lake

Report Nº 29

Work performed by: Stump Mines Ltd.

Claim Nº		Hole N♀	Footage	Date	Note
PA. 250000		#S-1 #S-2	317.5'	Feb/71	(:)
	Total:		923.51	Feb-Mar/71	(1)

Notes: (1) 437/71

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REPORT ON

DRILLING OF SCANDIA CHTICN

STURGEON LAKE AREA, CHTARIC

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 Cption
Sturgeon Lake Area, Cntarlo
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 voicanic 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.

Ton Sallel TOM GLEDFILL

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 House # 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.

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 chalcopyrite 159.0 - 189.0 BANDED RYHOLITE TUFFS -DMPLICATE COPY 167.0 - 167.4 + 30% pyrite FUUR QUALITY ORIGINAL 171.0 - 171.2 + 10% pyrite TO FOLLOW 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

97.3 = 317.5 Banded Ryholite Tuffs

V

•		Property <u>Stump Mines</u> Scandia Opt			S-1	<u>:</u> :
Latitude	10+0	0N Bearing Grld North		Poge	1	
Deportur	e_Line	e 6W Dip45* 300; proposed	 .			
Location	PA 25	Length 317.51		Core Size	AX	
	•	Started 19/2/71		Completed	23/2/71	
FROM	то	FORMATION	SAMPLE NO.	LENGTH FT.		
0	10.0'	Casing		Î.		
10.0	34'	Banded Ryholite Tuffs 50° to core axis - chloritized	•		:	
34'	39'	Basic Dyke				
39'	58.51	Banded Ryholite Tuffs				
58.5	61.01	Basic Dyke - 1% pyrite				
61.0	105'	Banded Ryholite Tuffs 45° to core axis				
105'	106'	Basic Dyke				
106'	120.5	Banded Ryholite Tuffs 45° to core axis		:		
120.5	123'	Quartz Vein		:		
123'	156'	Banded Ryholite Tuffs				
1561	159'	Banded Ryholite Tuffs 10% Pyrite minor Chalcopyrite				
159' 167.0	189' 167.4	Banded Ryholite Tuffs +30% Pyrite			1	
171	171.2	+10% Pyrite		:		
189	192	Acid Dyke	i	ı		
192	243	Ryholite Flows - Massive	ROFESSION		•	•
			SES	ILL E	98 % CORE RECO	VER

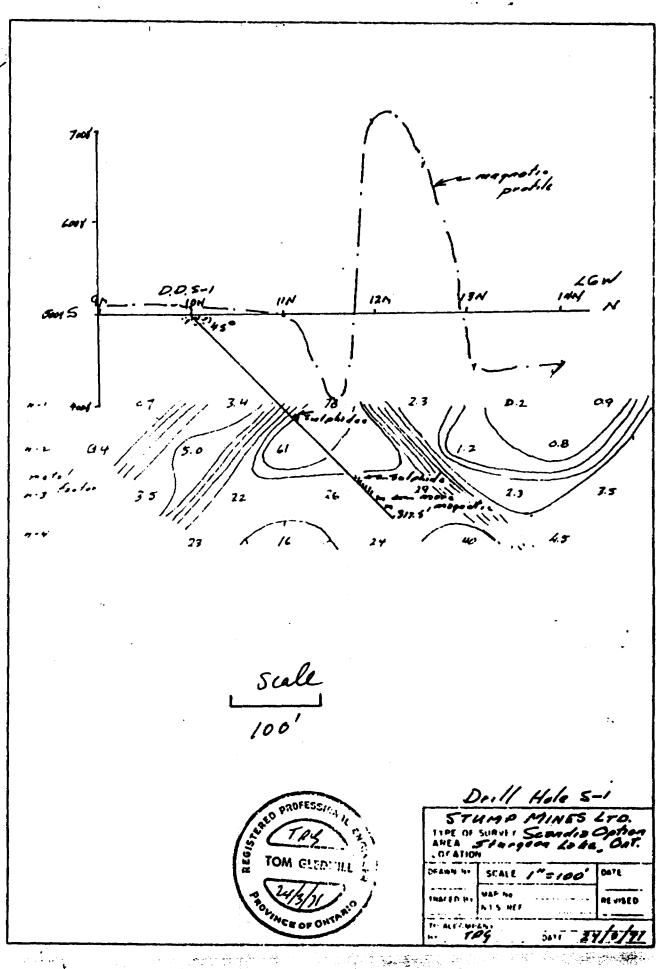
Drilled by Morressett D.D.

		PropertyScandia Opt	ion			
			Ho	le No. S.	-1	
Latitude	10+0	00N Bearing Grid North	-	Poge	5 .	
Departu	re_Line	0ip -45°			a come an	· · · · · · · · · · · · · · · · · · ·
Locatio	n PA	250000 Length 317.5'		Core Size_	AX	
	,	Storted 19/2/71	<u> </u>	Completed .	23/2/71	
FROM	10	FORMATION	SAMPLE	LENCTH FT.		
243	252	Banded Ryholite Tuffs				
2 52	273	Rhyholite Tuffs and Flows Badly broken core	!	4		
258.5	258.6	+40% Pyrite, Pyrrhotite minor Chalco				!
273	288	Ryholite Tuffs and Flows				
288	291	Lost Core	·			1 1
291	293	Ryholite Tuffs - minor pyrite, pyrrhotite, chalco	i			:
293	297.3	Quartz - Feldspar Porphyry Dy	ke			
297.3	317.5	Banded Ryholite Tuffs	İ			
	i	i		•		

TOA: 96 & CORE RECOVERY

Dillector Durnessett D.D.

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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.

Property Stump Mines Limited Scandia Option

			1101	8 140	<u>2</u>	L	
Latitude	6+50	N Bearing Grid N		Page _		2	· · · · · · ·
Departu	re_ <u>L_18+</u>	00WDip45.		-		· · · · ·	
Location	PA 25000 Sturge	est. 600' eon Lake Area Length 606' fl	inal	Core S	ize	AXT	
Elevation	n 20-30	above S-1 Storted Feb. 26/71		Compl	eted M	arch 3/	71
FROM	то	FORMATION	SAMPLE NO.	LENGTH FT.			
0	14	Casing				: i	
14	26	Banded Rhyolite - foliation 40°	to core	axis	(40°×)	·
26	27	Acid Dyke		-	:		
27	66.5	Banded Rhyolite Tuff 60°X	,				
66.	5 71	Acid Dyke				•	
71	75	Rhyolite Tuff 50°X chloritised	;			;	**
75	76.5	Quartz - porphyry Dyke	:			,	
76.	101	Banded Rhyolite Tuff 50°X chlor	ritised,	garn	eta		
101	111	Acid Dyke - massive	•		1	1	
111	114	Banded Rhyolite Tuff					
114	114.5	Quarts - porphyry Dyke					
114.	5 147	Volcanics chloritised vesicles 45	5*X				
147	174	Banded Rhyolite Tuff	:	,	•	:	
174	175	Acid Dyke				;	
175	374	Banded Rhyolite Tuff 40°X	:	!		ł	
	308	minor bombs, contorted Minor flecks of calcopyrite	·		•		1
374	396.5	Chloritized Tuff minor pyrite (07) 6 P	STEENS,	ite (p	; 60•34 (p	9
	385	Chloritized Tuff minor pyrite (ptwo 1/2" seams of py & po	Solo!	519	[2]	1	
			101	GLED!	IIL E	K CORE RE	COVERY

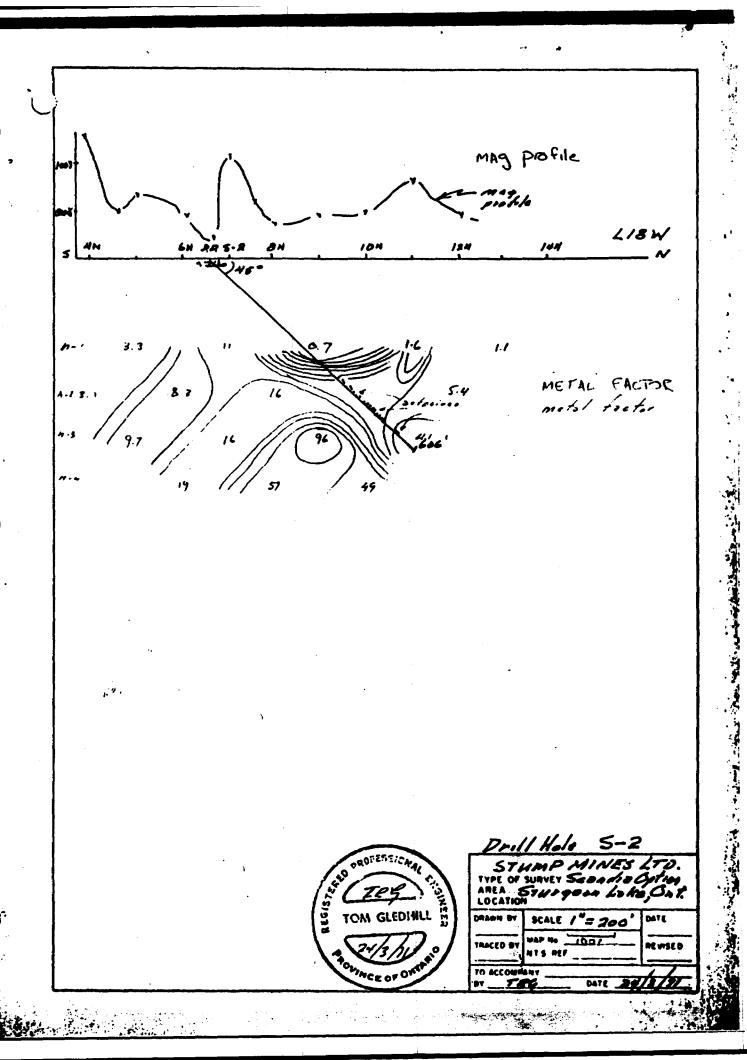
Drilled by N. Morressett D.D. Ltd.

Logged by Jon Signhill

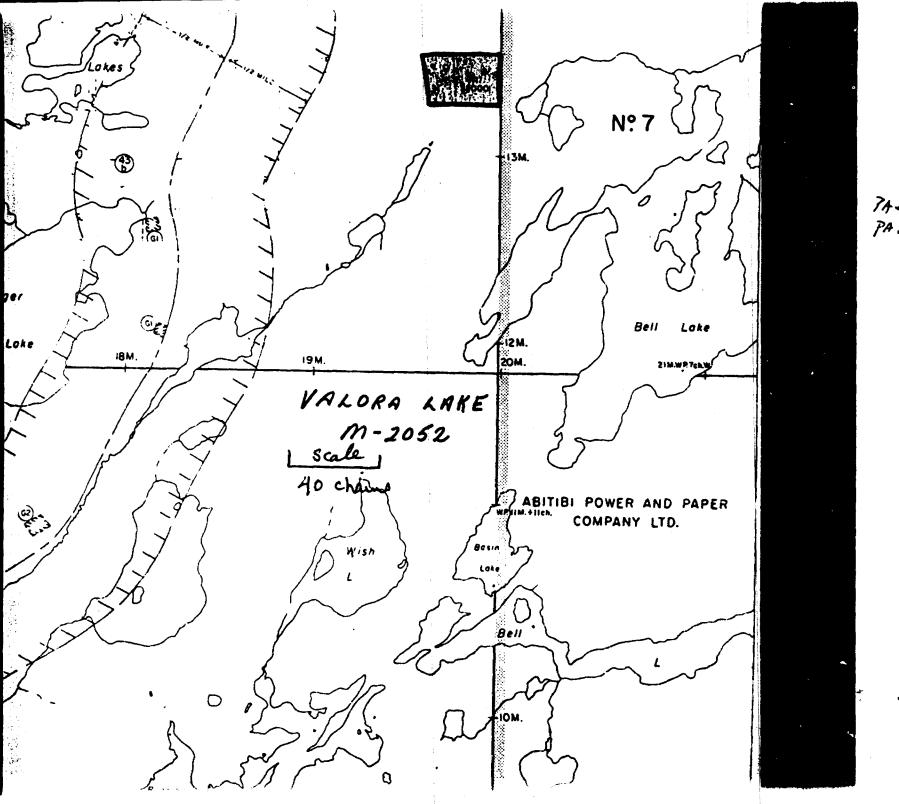
•	Property Stump Mines Limited Scandia Cption Hole No. S-2
Latitude 6+	N Bearing Grid N Page 2 of 2
Departure	8+00W Dip 45*
Location St	est. 600' irgeon Lake Arealength 606' final Core Size AXT
Elevation_20	30 above 6-1 Storted Feb.26/71 Completed March 3/71
FROM TO	FORMATION SAMPLI LENGTH NO. FT.
396.5 399	5 Acid Dyke, brotite
399.5 440	Banded Chloritised Tuff - minor py & po
440 443	Acid Dyke
443 513	Banded Chloritized Tuff - minor py, garnets 40°-60°X
513 542	5 Acid Dyke - porphyritic
529	3 feet lost ore
542.5 556	Banded Chloritized Tuff - minor sulphides
556 558	7 Cherty Tuff
558.7 560	2 Choritized Tuff - banded 15% sulphide pg & po, less than 0.02% Cu as chalcopyrite
560.2 563	Chloritized Tuff - minor sulphides, 60°X
563 561	Acid Dyke
564 606	Banded Rhyolite Tuff 70-80°X
59:	0.1' pyrite seam



99% CORE RECOVER



1" = 1820' F 14 250134 ABITIBLE BLOCK No. 7 Scale BELL LAKE 256831 PROFESSIONALL TRS DEAT THEFT [3,0004 TACOCE]



To the Recorder of 1, SCANDI
SUITE

do hereby report the not before reported

Claim No.
7425000/ 3.
PA250000 6

All the work was pe (In the case of geold

READ CAREFULLY

For Manual Work, Straddresses of the mer For Diamond and oth owner or operator of For Compressed Air Type of drill or equitheir employment. For Power Stripping work was done. Proo With each of the about of the nearest claim For Geological and Construment used in the within 60 days of rec For Land Survey - the

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(75) 19	7/ 2				A separate form is	7,
(75)''	52G/14	ISE	ONTARIO		required for each	1+1/3
`. \$2 \$4	524/1	THE MINING A	CT REPORT	OF WORK	type of work to be recorded.	+# / "
To the Record	der of F/OU	x Lookoui	- PAT	RICIA	A41 - 1 1	⊣ ```
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	A D	ING & EXT			T390 Miner's Licence	•••••
SUITE	1005,	50 PLACE	CREI	7421E W	MONTRE	44 35%
		of	Post Office A	ddress	1 1 11	
oo nereby rep	ort the performance	01		days of	type of work	j
not before rep	orted to be applied	on the following con	itiguous ciaim	s	••	
Claim No.	Days	Claim No.	Days	Claim No.	Doys	
25000/	3/7.0		•	,		
250000	606.0	***************************************		I 2121 11 1220 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ini 11120 20	

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All the work	was performed on Mi	ining Claim (s)	[9.25	0000 4 12	2.25000!	
(in the case o	ot geological and/or	geophysical survey	(s) where more	e than 18 claims are	involved attach a s	chedule)
READ CARE	FULLY: THE FOLL	LOWING INFORMATION	N IS REQUIRED	BY THE MINING RE	CORDER.	
For Diamond	and other Core Drill	<u>ling</u> - Footage, No.	and anale of t	soles and diameter a	f core. Name and a	ddress of
owner or oper For Compress	ator of drill. Dates sed Air or Other Pov	when drilling was do	ne. Signed co	re loc and sketch in	duplicate.	
For Compress	ed Air or Other Pov	wer Driven or Mechan	ne. Signed co ical Equipmen	re loc and sketch in <u>it</u>	duplicate.	hours of
Type of drill their employm	sed Air or Other Pov or equipment. Name sent.	wer Driven or Mechan is and addresses of m	ne. Signed co ical Equipment nen engaged in	re log and sketch in <u>nt</u> n operating equipmen	duplicate. nt and the dates and	
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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 arsays pertaining to diamond drill holes recently completed by your company in the Strugeon 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