010



2 44057

2.14053 =

VIE SECRETARIOM, BURVEY

gw mai

NORMAN LEE PROPERTY

Mast Ray of Aborgeon Lake

11. eva 19-6-3140

Control wishes by the ice

A CONTRACTOR

RECEIVED

APR 16 1991 ·

MITTING LANDS SECTION

MINING RECORDER PATRICIA

Prepared by:

Quel. of

Ken Beni de

Rox 1481 Stock Lockettergonizhzi PMV 278

(8**07**) 237-1971



52J02SE8651 2.14053 SQUAW LAKE

Table of Contents

Item	page
INTRODUCTION	1
LOCATION AND ACCESS	1
CLAIMS	1
PREVIOUS WORK	2
GENERAL GEOLOGY	2
ECONOMIC GEOLOGY	2
GEOPHYSICAL SURVEY	3
CONCLUSIONS	3
RECOMMENDATIONS	3

MAPS

VLF Survey

in pocket

INTRODUCTION

Mr. Norman Lee of Sioux Lookout holds a block of six claims near East Bay of Sturgeon Lake. A VLF survey was conducted over these claims. This report documents the results of that survey and recommendations.

LOCATION AND ACCESS

The property is located on the north shore of the central part of East Bay of Sturgeon Lake.

Access is by way of Great Lakes Paper camp 700 road that starts 1 mile south of the village of Savant Lake. From the camp 700 road an old road and trail accesses the north boundary of the property.

Alternate access is by boat from one of the several tourist camps on the west side of Sturgeon Lake. Winter access is by snowmobile.

Savant Lake is located in Northwestern Ontario,75 miles north of Ignace, Ontario via paved Hwy 599. Ignace is approx. half way between Thunder Bay and Winnipeg.

CLAIMS

The property consists of six mining claims numbered:

Pa 1124731 to Pa 1124736 inclusive.

The claims are owned by Norman Lee of Sioux Lookout, Ontario.

PREVIOUS WORK

There is no record of the original trenching.

The following references of previous work were taken from the Ministry of Northern Development and Mines assessment files in Sioux Lookout.

Amax did an airborne mag survey in Aug. & Sept of 1969 that included the area of the claims.

Sherritt Gordon Mines optioned the property from Stan Johnson in 1981.A program of geological mapping was completed. In 1982 they conducted a program that consisted of cleaning out and assaying the old trenches.

In the fall of 1990 Norman·Lee stripped and blasted the trenches. There is no report of assays from this work.

GENERAL GEOLOGY

The general geology of the area is shown on O.D.M.Preliminary **Geol**ogical Map No.842.

East-west trending felsic to mafic volcanic rocks are predominant. The local schistosity is north-south. Quartz veins of varying widths lightly mineralized with pyrite and chalcopyrite are present.

ECONOMIC GEOLOGY

Numerous gold showings are in the area. Gold bearing quartz veins on this property are of interest. From previous mapping program these veins are of narrow widths and up to 4 feet wide. They are lenticular with a strike length of 200-400 feet and a NNE strike of 15 to 40 degrees. The wall rocks are silicified with up to 5% ewhedral pyrite. There is no evidence of shearing.

Assay results from 16% samplesby Sherritt Gordon Mines have Produced numerous values in the .20 to .40 oz./ton range with a high of 1.15 oz./ton.

GEOPHYSICAL SURVEY

The survey was done Jan.11 and 15/1991 by Ken Bernier on 3.8 miles of grid lines spaced 400 feet apart and picketed every 100 feet.A total of 210 readings were taken at intervals of 50 feet. The instrument used was a Geonics EM-16 using Cutler Maine for a signal. Readings were taken facing north.

The VLF survey indicated four parallel anomalies named "A" to "D". They appear to be structural in nature, being either faults or shear zones. Whether or not they are of any economic significance can only be determined by visual examination.

There is no anomalous expression over the area of the trenches. The grid seems to be about 45 degrees off. The base line should be oriented at 045 degrees true. The anomalies at 5N and 9N on line 0 are interesting because of the strength of the response. More lines to the north would be required to resolve their significance. They do seem to have a relationship to anomalies "B" & "C"even though they are truncated by no response on L4S.

CONCLUSIONS

A VLF survey seems to be of no value in tracing any extension of the known quartz vein system. What the survey does do though is indicate the general direction of the structural features over the claims and suggests a NE-SW direction from the trenches should be examined for quartz bearing outcrop.

RECOMMENDATIONS

Prospecting NE and SW of the trenched areas would seem to be the only practical way of extending the quartz vein zones. The area north east of the claim group should be examined in an effort to resolve the cause of the anomalies on line 0.

QUALIFICATIONS

The author of this report has been actively engaged in all aspects of the exploration industry since 1970. I have conducted and interpreted Mag., VLF and Max-Min surveys since 1975. I have also given instruction on geophysical surveys at Ministry of Northern Development and Mines prospecting courses.

Ken Bernier

Box 1481

Sicux Lookout, Ontario

POV 270





900

W 9130 - 050

Report of Work Mining Act

and maximum credits allowed per survey type. - If number of mining claims traversed exceeds space on this form, attach a list.

- Technical Reports and maps in duplicate should be submitted to

Willing Act	(Geophysical, Geol	ogical and	Geochemi	cai Suiveys)	Mining Lar	nds Section, Mineral	Development	and Lands Branch:
Type of Survey(s)				Aining Division	Te	ownship or Area		
YLF Geophy	sical Suri	KU	l_	tatricia.		Squaw L		93140
hecorded holder(s) / Prospector's Licence No.								
Norman Lee 5-2778								
Address	. 1 L. +	7.4		Day 2	+-	Telephor		12
Survey Company	c Lookout	Unia	ario	+0V 2	10	<u> </u>	7-344	رح
· · · · ·	00 F			2.140	53			
Name and Address of Author (of	Geo-Technical Report)			<u> </u>		Date of	Burvey (from	4 (9)
Box 1481 S	ioux Lookou	ot 0	ntario	- Poy at	Ó	Day 1		15 01 91 Day 1 Mo. 1 Yr.
Credits Requested per Ea	ch Claim in Columns	at right		laims Traversed			ce)	
Special Provisions		Days per Claim		Mining Claim	N	lining Claim	Mining Claim	
For first survey:	Geophysical	Claim	Prefix	Number	Prefix	Number	Prefix	Number
Enter 40 days. (This includes	- Electromagnetic		Id.	1124731				
line cutting)	- Magnetometer			1124732			11	
For each additional survey: using the same grid:	-Other YLF	40		1124733				
Enter 20 days (for each)	Geologicat			1124734				
zmor zo oujo (ior outin)	Geochemical			1124735				
Man Days	Geophysical	Days per Claim		1124736.				
Complete reverse side and	- Electromagnetic			1.00			1	
enter total(s) here	- Electromagnotic		<u> </u>				 	
	- Magnetometer							
	- Other			,				
	Geologica)							
				ONTARIO			+	
	Geochemical			GIS ACC	PLOGIC		<u> </u>	
Airborne Credits		Days per Claim		MOSE	SSMEN	LSURVEY		
Note: Special provisions	Electromagnetic			ONTARIO GE GIS ASSE		TILES		
credits do not apply to Airborne			-	MAY	7 199		1	
Surveys.	Magnetometer					·		- H
	Other			REO				
Total miles flown over cl	• • •			RECE	VE			
Date Re	cerded Holder or Agent	(Signature)			The state of the s	Total fumber mining claims		6
Certification Verifying Rec	port of Work	لـعـ	L		j	by this report		
I hereby certify that I have a pe after its completion and annexe	rsonal and intimate knowle	edge of the fac	ts set forth in	this Report of Work, I	naving perfo	rmed the work or wit	nessed same	during and/or
Name and Address of Person C								
Yorman Lee	Box 6.	Sioux	Loc	skout (OSANC	ighc divisi	Watt)
		Telepho		Date	Lithe	SW SEICIA	By (Signatu	ire)
.,		73	<u> 7- 344</u>	Received	<u>aa9</u> -9	1805-17-19		ee_
				Laceived	Staryp	,		•
For Office Use Only					b 1	152 P4:	JAM 16	•
		Ac.	TING		1 1	- 1 - 00 (# 111 J C	
Total Dayo Date Recorded	Mining F		,					
Cr. Recorded	1- 1.4	!	1	,				



Ministry of Northern Development and Mines

NAR. 22/91

W 9130 - 050

Report of Work

Instructions

- Please type or print.

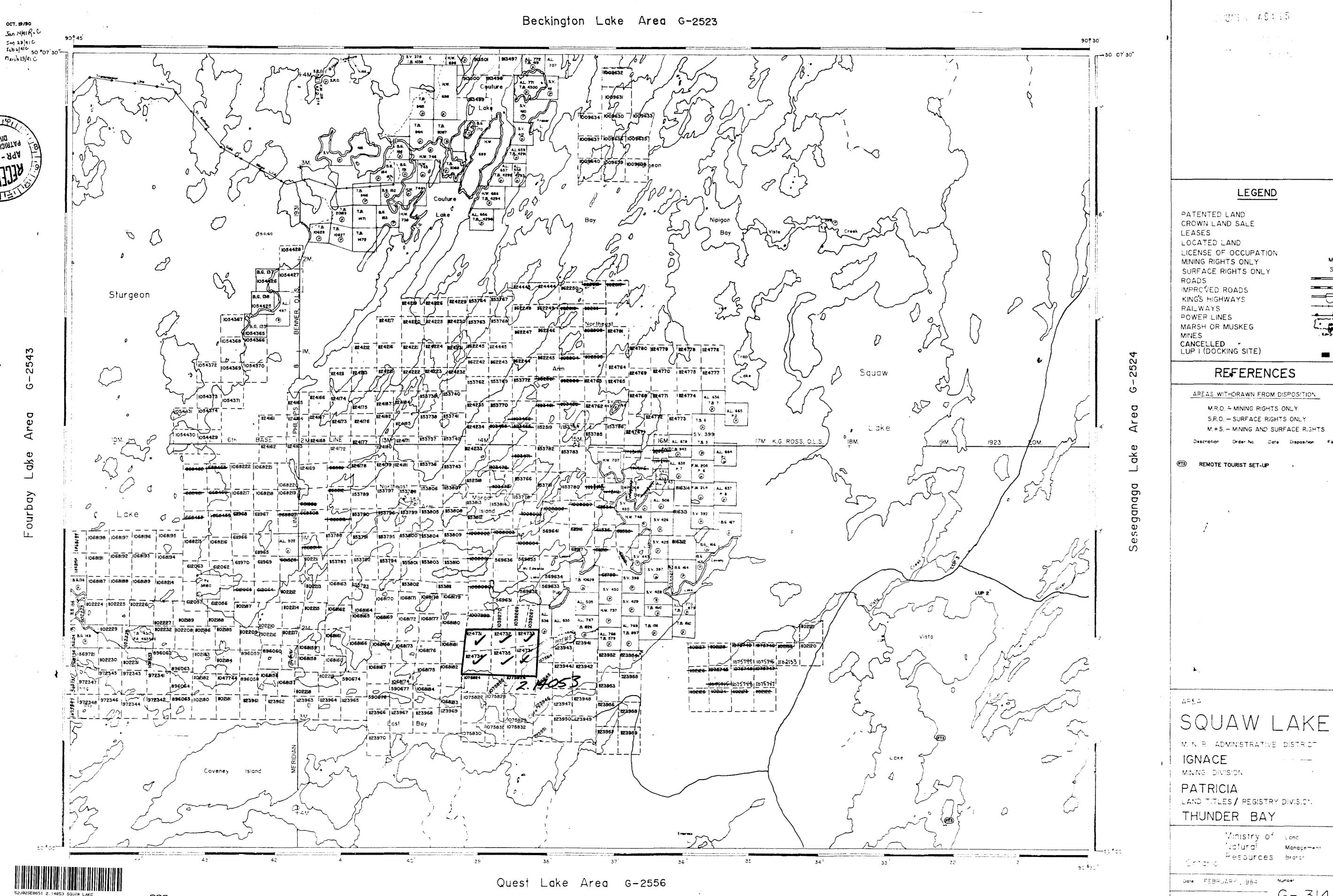
Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.

- If number of mining claims traversed exceeds space on this form,

attach a list.

- Technical Reports and maps in duplicate should be submitted to

Mining Act	(Geophysical, Geo	logical an	d Geochem	nical Surveys)	Mining L	ands Section, Min	eral Developmer	it and Lands Branch:	
Type of Survey(s)		Mining Divisio				Township or Area			
YLF Geophy	oical Suri	KU		tatricia		Squaw	Lake	63140	
ribodiada ribidai(s)		7				Pros	bector, a riceuce		
Norman L	ee						5-277	8	
Address					_		phone No.	.10	
DOX 6 STOW	c Lookout	<u> </u>	ario	POV 2	TO_		37-34	43	
Survey Company				9 44 6	5 Z				
Name and Address of Author (o	nier			2.140	133		4 0	- • • • •	
		4	Λ I	701/ 17	~	Day	of Survey (from	115 01 41	
Box 1481 S Credits Requested per Ea	ionx Looko	اللا ما siabi	Untario	S POV 27 Claims Traversed			/ Mo. Yr.	Day Mo. Yr.	
Special Provisions	Cir Ciaim in Column	T	1 Mining	Mining Claim	(LISCIII I	Mining Claim		Mining Claim	
	Geophysical	Days per Claim	Prefix	Number	Prefix	Number	Prefix	Number	
For first survey:					FIGUR	14011001	FISIX	Number	
Enter 40 days. (This includes	- Electromagnetic		16.	1124731					
line cutting)	- Magnetometer			1124732					
For each additional survey: using the same grid:	-Other YLF	40		1124733	/				
Enter 20 days (for each)	Geological			1124734	V				
	Geochemical			1124735	/			,	
Man Days	Geophysical	Days per Claim		1124736.	V				
Complete reverse side and enter total(s) here	- Electromagnetic				<u> </u>			,	
.,	- Magnetometer								
	- Other			,					
	Geological								
	Geochemical					•			
Airborne Credits		Days per Claim							
Note: Special provisions	Electromagnetic								
credits do not apply to Airborne			1	 	 	-			
Surveys.	Magnetometer		<u> </u>	<u> </u>	ļ				
	Other								
Total miles flown over of	laim(s)		1						
Total miles flown over claim(s). Date Recerde Holder or Agent (Signature)					-	Total number of			
MAL > 10 () Again (signature)					mining claims covered 🕡			0	
Certification Verifying Rep	port of Work		J L		اِ	by this re	port of work.	L	
I hereby certify that I have a pe		odne of the	lacte set last	in this Bened of Most	havina na	formed the work	or witnessed so-	e during and/or	
after its completion and annexe		20ga 01 (118)	iacis sei ibilli	in the rieport of Work,	naving hei	TOTINGG GIG WORK	v 440169900 9911	e coming and/or	
Name and Address of Person C	Certifying		1	, 1	0 410	201115 5	Dulai	_	
Norman Lee	Box 6	Sign	x Lo	okout (JAHL	G DIVRAN	HOY at	00	
		relet	pnone No.	Date	1 150		Vited By (Signa	ture)	
		173	<u> 34</u>		239	AINO STIT	er y	See_	
				Received	Stampp			•	
For Office Use Only	•				Н	ि १५:	S AAM I E	* .	
		D	TING		1'	1 . 1. 0	CUITTE		
		744		i					



G-3140

50'903

