

1110NE0010 0016 KELLY

010

GEOLOGICAL REPORT

on the

14 CLAIM GROUP, KELLY TOWNSHIP, ONTARIO

SOUTHGATE RESJURCES L'IMITED

Scott Frostad B.Sc. : Rayan Exploration Ltd. R.R. #2 Hwy 11 N North Bay, Ontarin P1B 863

٠.

RECEIVED

MAY 7 - 1985

MINING LANDS SECTION



010C

8



		Page
1.	Introduction	· 1
2.	Location and Access	
Ј.	Personnel .	1
4.	Topography	2

5. Previous Work 2

6. General Geology 4

7. Property Geology 5 8. Conclusions 6

9. Recommendations 7

10. References

LIST OF FIGURES

2

Fig. 1	Location Map
Fig. 2	Regional Location Map
Fig. J	Claims Map
fig. 4 and 5	Compilation Sketches of Previous Work and Present Geological Survey.

LIST OF MAPS

Map no. 1

Geological Map

1. INTRODUCTION

A geological survey was carried out on a claim block comprised of fourteen (14) unpatented claims in SW Kelly Township, Ontario during August of 1984. The claim numbers are 6476(1 - 18 and 647626 - 31 and are recorded in the name of Southgate Resources Ltd.

2. LOCATION AND ACCESS

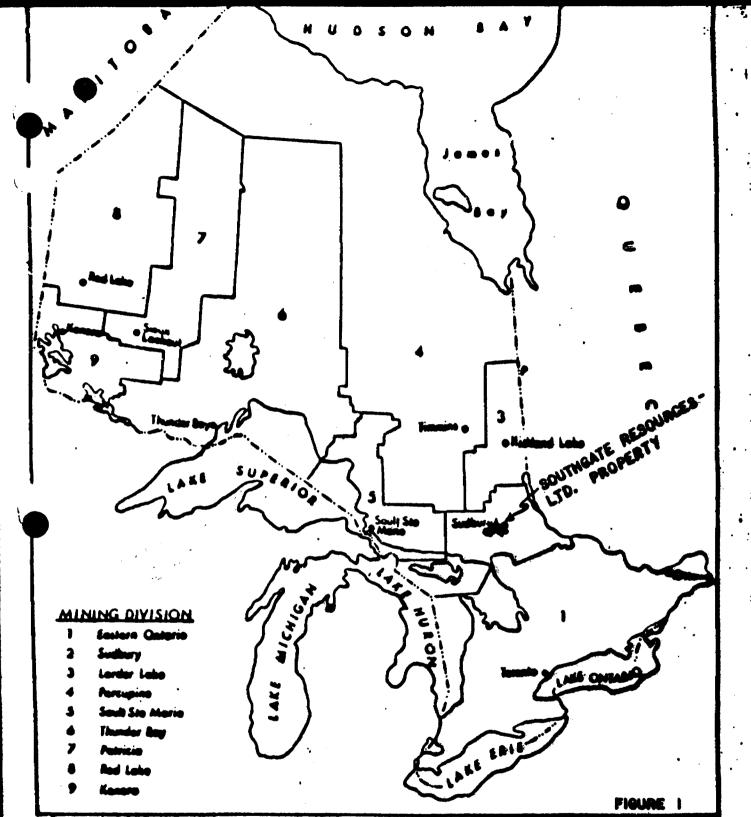
The claim block of fourteen claims is situated approximately 25 miles NE of Sudbury. They can be reached by taking the Kukagami Lake gravel road north from Stinson to the Sportsman's Lodge.

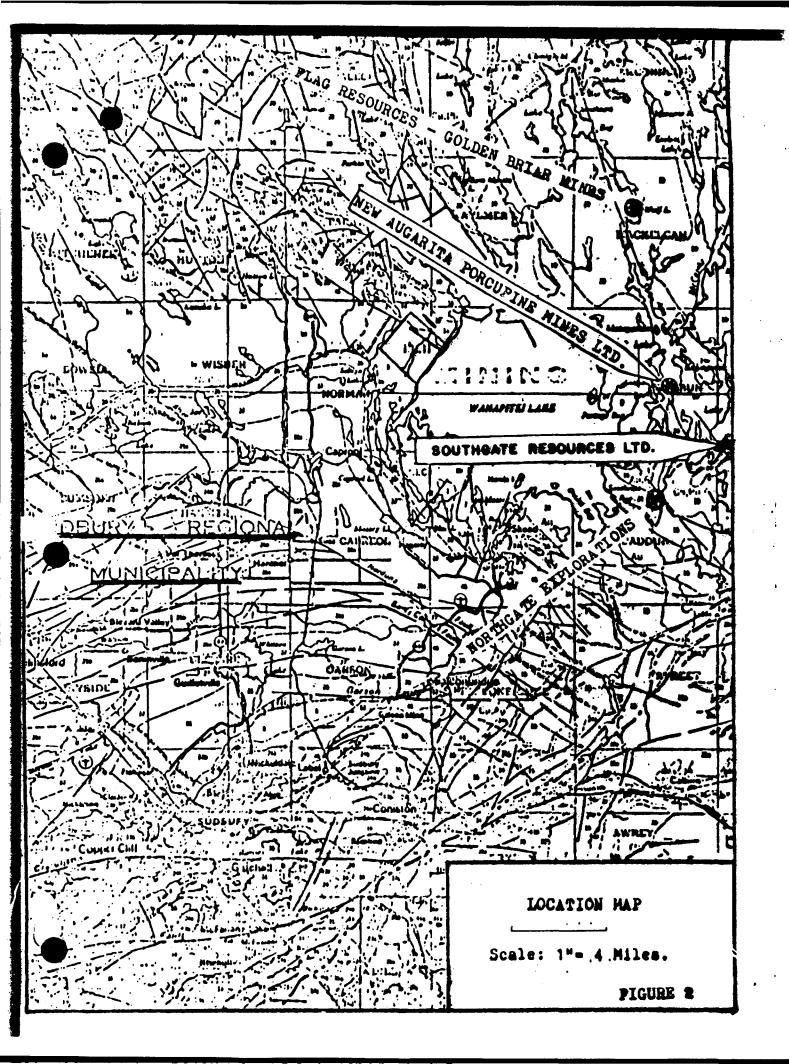
From the Sportman's Lodge a boat is required to head east to the large peninsula that the claim block covers.

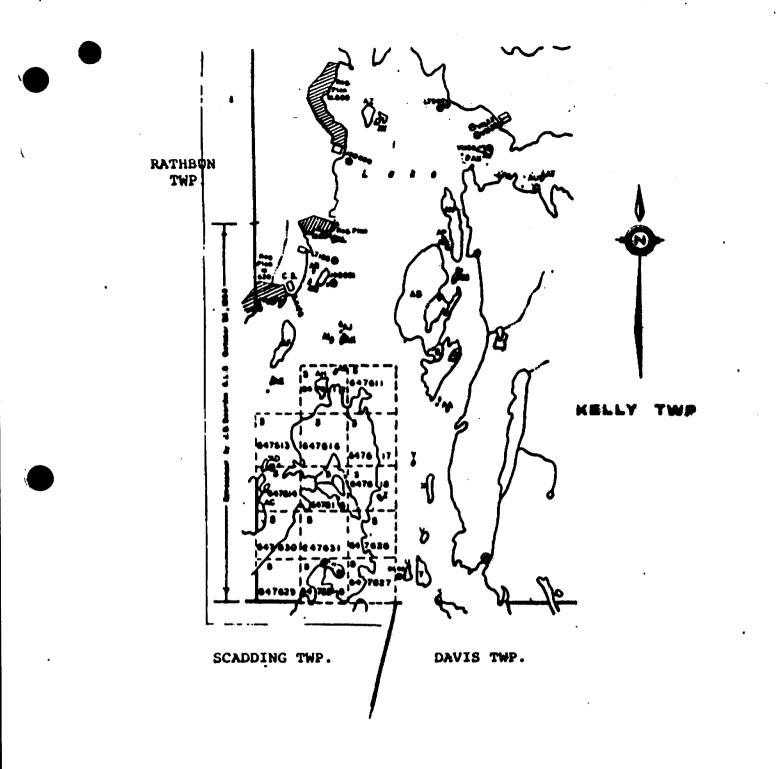
J.___PERSONNEL

The following personnel were involved with this survey from August 21-26, 1984 inclusive.

> S. Frostad North Bay, Ontario J.D. Walker London, Ontario







XELLY TWP. CLAIMS SCALE 1" = } mile

• •

FIGURE 3

4.____T<u>QPQ&RACHY</u>

The peninsula has well exposed outcrops along its shorelines with shallow overburden and two large N-S trending swamps within the interior.

5____PREVIOUS WORK

There are a number of old test pits located on the property from former operators.

Mid-Nations Developments Ltd. conducted an electromagnetic survey over an area of the peninsula now covered by the Southgate

In 1966 Kelly-K-Mines Limited conducted a combined magnetic - self potential survey over a group of six claims on the peninsula. An east-northwest striking magnetic anomaly was discovered near the west shore of the peninsula. It is about 240 metres long, showed more than five times normal geomegnetic background, and strikes across a northwest-striking quartz-carbonate vein (Figure 4). This vein was tested by two short drill holes; only one of these intersected it at depth and returned a nil gold value.

A high intensity, self potential response was recorded over another northwest-striking quartz carbonate vein at the east shore of the peninsula (Vein #1, Figure \$). In 1966 three short

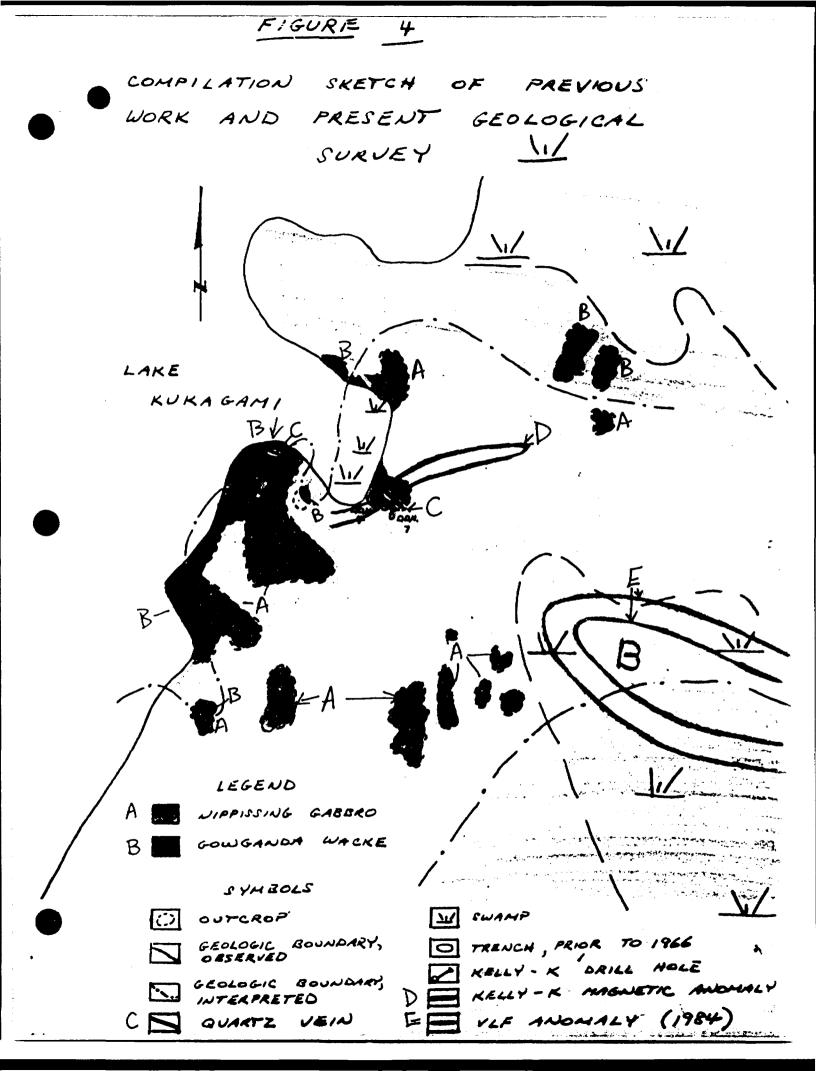
٠,

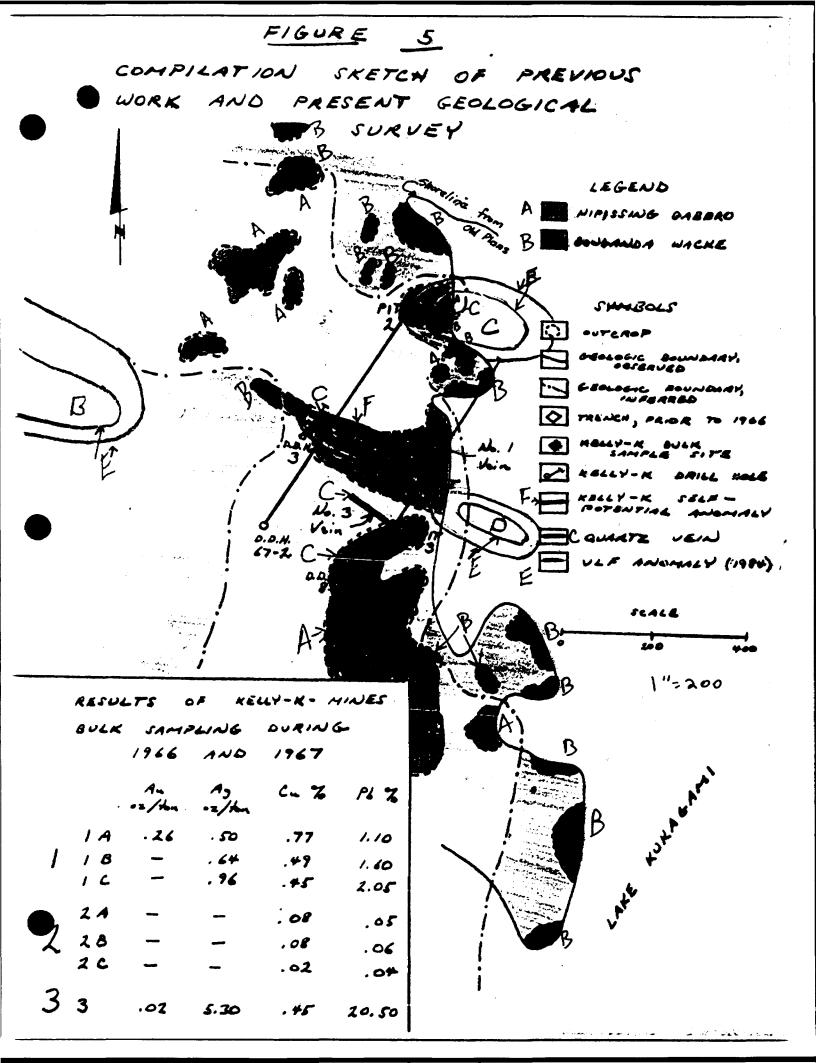
holes intersected this vein returning an average assay of 0.10 ounce of gold per ton, 1.3 ounces of silver per ton, 0.90 percent copper, and 8.78 percent lead. Two other holes testing nearby quartz-calcite veins returned gold values of trace and nil.

From three test pits, several bulk samples were taken. At vein #1 a 300 pound representative sample was removed and split into three equal parts, a 200 pound sample from vein #2 was split into three equal parts and at vein #3 a 150 pound sample was removed then sent for chemical analyses. The results are shown in Figure 5.

In 1967 the company diamond drilled two more holes, this time for lengths of 183.1 m and 183.4 m. Of the six quartz veins intersected by Hole 67-1 only one assay returned a trace gold value with the other five being nil. In the O.G.S. Report 213 by B. Dressler (1982), this hole was incorrectly reported as having returned a 0.24 ounce of gold per ton from an 18 cm thick vein. This incorrect assay was also reported by P. Brown in his 1983 evaluation of the 14 claim group, Kelly Township for Southgate Resources Ltd.

З.





HEET NUMBER _	SECTION FROMTO		. STA	RTED			
ATITUDE	DATUM		. con	APLETED_			
FPARTURE	BEARING				PTH	-	
	DIP				ртн		
DEPTH FEET	FORMATION			-JOLD 8	BLUDGE GOLD E		
HOLE NO. 1	Loc: 12+40E, 25+755; Dir: N.33 E (az.) Dip -4	5°					
0-92	Diabase; Course grained grading to gabbro		GOLD	SILVER	COPPER	LEAD	╂
	18" quartz-calcite vein, sampled	<u>s-3</u>	0.16	1.32	2.30%		+
HOLE NO. 2	loc: 11+85E, 25+25S; Dir: N.33 E (Az.) Dip =45	,			······································	} }	
0-82	Diabase: Course grained grading to gabbro				······		
39-40.5	18" quartz-calcite vein, sampled	5-1	0.16	1.46	0.247	6.1	07
ROLE NO. 3	Loc: 10+55E, 25+005; Dir: N.33 E (Ar.) Dip -4	ບ 5					
0-88	Diabase: Course grained grading to gabbro						
49-50	12" quartz-calcite vein, sampled	<u>\$-5</u>	11	4.12	0.27%	3.	207
HOLE NO. 4	Loc: 0+40W, 15+40S; Dir: N.30°E (az.) Dip -45"						
0-55	Diabase: Course grained grading to gabbro						\vdash
23-24	12" broken calcite vein, sampled	5-2	nil	nil	0.037	0.	57
							

٠

> . .

4

Ż

Ľ

i.

	PIAMOND D'ILL REC PROPERTY KELLY-K MINES LIMITED (Kelly Towns)			EXT C.		ł	•
SHEET NUMBER _	SECTION FROMTO					_0_	:e)
LATITUDE	DATUM		_ CO!	MPLETED_			
DEPARTURE	BEARING		UL1	LIMATE DI	EPTH		
ELEVATION	DIP		_ PRC	POSED DE	PTH		
	PORMATION	BAMPLE No	WIDTH OF SAMPLE	SOLD \$	BLUDGE		
HOLE NO. 5	Loc: 12+40E. 27+105. DIT: 010' Az.: DID -47"						F
0-81	Diabase: Course grained grading to gabbro	-	GOLD	SILVEI	COPPER	LEA	D
74-74.8	9" quartz-calcite vein, sampled	S=4			0.532	8.2	-
HOLE NO.6	Loc: 11+20E, 26+905, Dir: 035 Az.; Dip-43						
0-71	Disbase: Course grained grading to gabbro						
33-33.7	8" quartz-calcite vein, sampled	<u>\$-5</u>	_ni1	0.14	0.027	_0_2	42
HOLE NO. 7	Loc: 0+00, 15+705, Dir: 005"Az.: Dip: -60°						
0-80	Diabase: Course grained grading to gabbro						
		·					
·							·
							F
N.M.P., 1080410-510	CK FORM NS. 501 REV. 13751	J	·			L	<u> </u>

DRILLED BY ADVANCE GEOLOGY & GEOPHYSICS LTD.

**

•

1

÷

4

I

1

SIGNED C.L. KITWAN

~ `

	DIAMOND DE L. REC PROPERTY_KELLY-K NINFS LIMITED, KELLY TWD.			67-1		· _ •	
	60 ⁰	F.3 cla		MPLETED_	<u>June 7. 1</u> June 19 EPTH 60	<u>1967</u> 1	
DEPTH PEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD 8	ILUDOF GOLD	[T (***)
9-601 End	GABBRO: Typical course-grained. Much hornblende. Quartz vein 36-37 ft.	1	Au nil	Ar Ci	<u>. Zn.</u>	Fb.	
	quartz vein 63-63.6 205-207.5 ground core	2		D.24].i	0	0.58	
	227-228. quartz vein 272-272.6 quartz vein	34	nil nil			·	
	329-331 quartz vein (no min.) 473-473.9 Quartz vein	56	Tr. nil				
	475-477.5 ground core						
		-	-				
a 1		-	-				

	PROPERTY_KELLY-K MINES LIMITED. Kelly Twp. SECTION FROMTO. 9+65E, 27+00S or 1365 f DOSDATUM_north. post 3 cl	t.cast,	STA 200 ft.	RTED	iay 23, 19	
	5EBEARING_033 Az	······································	. บเา	IMATE DE	ерт <u>н 602</u> ертн <u>60</u> 0	2
DEPTH PLET	FORMATION	BAMPLE NO	WIDTH OF SAMPLE	BOLD B	ILUDGE GOLD	
0-116	GABBRO: Typical coarse grained. Much hornblende	-				
116-125	DIABASE: Typical Nipissing diabase texture . Grades to gabbro					łł
125-379	(as 0-116) 197-199 slight sulphide min. 272.5-273 highly siliceous					
379-602 end	(as 116-125)					
		· · · · · · · · · · · · · · · · · · ·				
			· · · · · · · · · · · · · · · · · · ·		·	

.∱ ∦• ₽_

Þ

•]

••••

٠

•

•

11

e ch

6. GENERAL GEOLOGY

The Wanapitei intrusion is 1 of over 90 tholeiitic Intrusions distributed across northern Ontario and is part of the Nipissing Diabase intrusive suite (Miller, 1911). Nipissing dikes, sills and irregularly - shaped bodies occur primarily within the Southern Structural Province and generally intrude the less competent Gowganda and Bruce Formations (Card and Pattison, 1973)

Arcuate in shape, the Wanapitei intrusion intrudes Gowganda wacke, arkose, and conglomerate, and is cut by an olivine dike of the Sudbury Swarm. All rocks have been subjected to lower greenschist facies metamorphism and the gabbro has in places been altered due to the addition of water (Dressler, 1982).

All the gold or gold-copper occurences within the area are associated with quartz and quartz-carbonate veins that occur within Gowganda Enrmation wackes, or in Nipissing gabbro near or at the contact wacke with the gabbro (Dressler, 1982). The veins and dikes are a few centimetres to about 18 m thick and strike parallel to the contacts or cut across them (Dressler, 1982).

Z. PROPERTY GEOLOGY

The Kally Township claims block is comprised of Gowganda wackes that have been intruded by Nippissing gabbro and both cut by later olivine diabase. Mineralization is contined to quartzcarbonate veins usually close to the gabbro contact and along the gabbro contact.

Z.___CONCLUSIONS

The typical geological setting of gold occurances in the Wanapitei Lake Area is present on the Kelly claim block.

In the Lake Wanapitei area, gold occurs near or at the contacts of Gowganga wacke and Nipissing gabbro.

Induced Polarization surveys have been successful in the area for tracing the gabbro-wacke contacts and putlining sulphide occurances.

Gold occurs erratically within the quartz-carbonate veins and reliable ore grades can only be determined by bulk sampling.

The occurence of gold near or at contacts of Gowganda wacke and Hippissing gabbro indicates locating this contact through detailed geological mapping, an Induced Polarization survey and diamond drilling essential.

The VLF anomalous zones B and D indicate good exploration targets since they are located near the intersects of a gold-bearing quartz-carbonate vein and gabbro-wacke contacts.

2. RECOMMENDATIONS

- a) Blasting and resempling of veins.
- b) Induced Polarization survey should be conducted to substantiate the VLF anomalies and to locate the Nipissing gabbro and Gowganda wacke contact.
- c) Diamond drilling of VLF anomalies B and D after freeze
- up to intersect vein #1 and rock contact.
- d> Stripping, sampling and detailed geologic mapping of Nipissing gabbro and Gowganda wacke contact.
- e) Further diamond drilling if the above exploration program locates favourable targets.

10.___REFERENCES

Card, K.D., and Pattison, E.F.

1973: Nipissing Diabase of the Southern Province, Ontario; Geological Association of Canada, Special Paper 12, p. 7-30

Dressler, B.O.

1982: Geology of the Wanapitei Lake Area, District of Sudbury, Ontario Geological Survey, Report 213, 131 p. Accompanied by Maps 2450, 2451, scale 1:31,680 (1 inch to 1/2 mile).

kuwall, W.F., and Edgar, A.D.

1983: Petrology, Geochemistry, and Economic Potential of the Nipissing Gabbro, Grant 100, p. 153-157 in Geoscience Research Grant Program, Summary of Research, 1982-1983, edited by E.G. Pye, Ontario Geological Survey, MP 113, 197p.

Miller, W.G.

1911: Notes on the Cobatt Area;

Engineering and Mining Journal, Volume 92, p. 645-649.

CERTIFICATE

I, Scott Frostad of North Bay, Ontario hereby certify that:

- 1) I hold a B.Sc in Geology from the University of Western Ontario.
- 2) I have based conclusions and recommendations contained in this report on knowledge of the area, my previous experience, and on the results of my field work conducted on the property during September of 1984.
- 3) I hold no interest, directly or indirectly in this property other than professionally, nor do I expect to receive any interest in the property.

North Bay, Ontario, Canada

S.R. Frostad, B.Sc.

NOV. 25th, 1984

f#I-



41110NE0010 0016 KEL

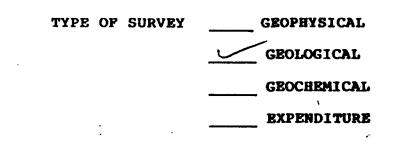
900

Mining Lands Section

File No 2.8069

Control Sheet

()



MINING LANDS COMMENTS:

jerlog is discussion brief overhunder not rapped. lad

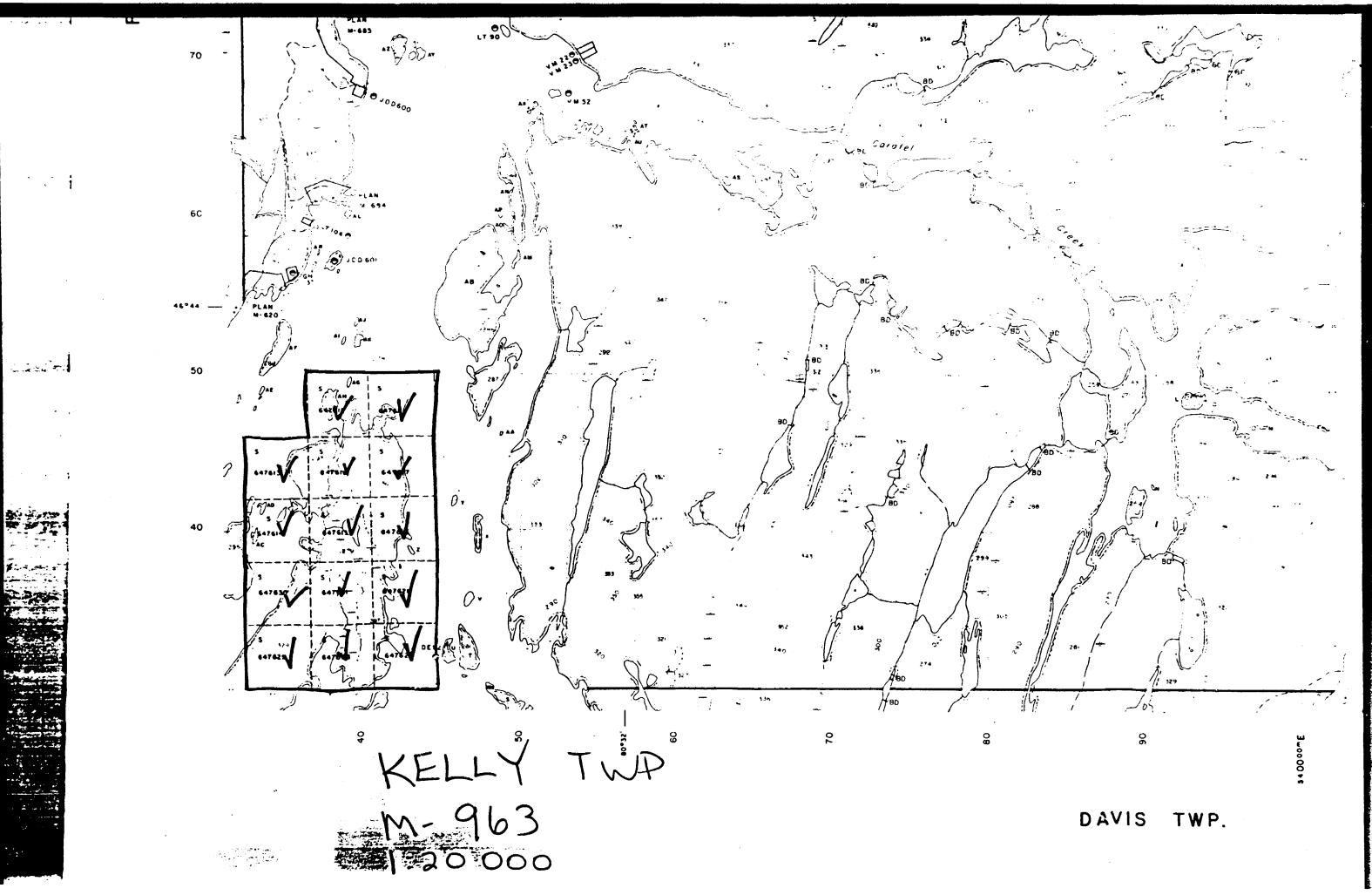
LD

Signature of Assessor

Date

Ontario	GEOPHYSICAL	stry of Natur al Resou – GEOLOGICAL – GE CAL DATA STATE	OCHE	EMICAL
TECH	FACTS SHOWN HER	S AN APPENDIX TO TEC RE NEED NOT BE REPEAT CONTAIN INTERPRETAT	red in	REPORT
Type of Survey(s) Township or AreaR Claim Holder(s)Sout		es Limited	[[MINING CLAIMS TRAVERSED List numerically
Survey Company <u>Ray</u> Author of Report <u>Sc</u> Address of Author <u>Nor</u>	ott Frostad			(prefix) (number)
Covering Dates of Surve	y Aug 21 - 26 (linecutting	5, 1984 incl.	_ _	
SPECIAL PROVISION CREDITS REQUEST ENTER 40 days (inclu- line cutting) for first survey. ENTER 20 days for ea additional survey using same grid. AIRBORNE CREDITS MagnetometerE DATE:April_29/8	ED Geophy udesElectr Magne Radio achRadio achOther & Geolog Geoche (Special provision credits do ilectromagnetic (enter days per claim)	ror.iagnetic etometer ometric ical ical mical mot apply to airborne surveys) Radiometric		
Res. Geol Previous Surveys	Qualifications	26223	[647631 RECEIVED
File No. Type		Claim Holder		MAY 7 - 1985 MINING LANDS SECTION
				TOTAL CLAIMS14
837 (5/79)		•		

Ministry of Technical Assess Natural Work Credits	Dete Mining Recorder's Report of Work No. 85-38
Recorded Holder RANDY CURTIS RC)BINSON
Township or Area KELLY TOWNSHIP	
Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic days	-
Magnetometer days	
Radiometric days	
Induced polarization days	
Other days	
Section 77 (19) See "Mining Cleims Assessed" column	S 647611 to 618 inclusive 647626 to 631 inclusive
Geological days	
Geochemical days	
Man days 🗌 Airborne 🗌	
Special provision 🛛 Ground 🕅	
X Credits have been reduced because of partial coverage of claims.	
Credits have been reduced because of corrections to work dates and figures of applicant.	
pecial credits under section 77 (16) for the following	mining claims
No credits have been allowed for the following mining	
L not sufficiently covered by the survey	Insufficient technical data filed
The Mining Recorder may reduce the above credits if ne	cessary in order that the total number of approved assessment days recorded on
	ollows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77 (19)—80:







Geotechnical Report Approval

File 2 8069

101 на Макан из 1216 година — скловите Али

Mining Lands Comments

	- 15 THE GEOLOGICAL DISC	USSICN ADEGUATI	<u>28 15 17</u>
	TUC BRIEF!		
			•
		a fa annan an an Anna Anna Anna Anna Ann	
	To: Geophysics		
	Comments	<u> </u>	
		,	
		Date	Signature
	Approved Wish to see again with corrections		
X	To: Geology · Expenditures C, KUSTRA		
	Comments General Alise assim in the	take to a the in	a make us fit
	CONTINUE CONTINUES NAC	ing up in m	y money part.
	Not worth serding back.	RECEIV	ED
	Comments Geological alise austion is ske Not worth serving back.	MAY 27 15	ED 885
	Not worth servering back.	mat 27 19	385
	Not worth servering back.	MAY 27 19 MINING LANDS SI	385
	Not worth sending back.	MINING LANDS SI	385 ECTION
		mat 27 19	385 ECTION
	Approved Wish to see again with corrections	MINING LANDS SI	385 ECTION
	Approved Wish to see again with corrections To: Geochemistry	MINING LANDS SI	385 ECTION
	Approved Wish to see again with corrections To: Geochemistry	MINING LANDS SI	385 ECTION
	Image: Approved Image: Wish to see again with corrections To: Geochemistry Comments	MINING LANDS SI	385 ECTION
	Approved Wish to see again with corrections To: Geochemistry	MINING LANDS SI	385 ECTION
	Image: Approved Image: Wish to see again with corrections To: Geochemistry Comments Image: Approved Image: Approve	MINING LANDS SI	385 ECTION
	Image: Approved Wish to see again with corrections To: Geochemistry Comments Image: I	MINING LANDS SI	BS ECTION
	Image: Approved Image: Wish to see again with corrections To: Geochemistry Comments Image: I	MINING LANDS SI	BS ECTION

406 2	0			жыларын аларын айтар улуу т араларын айтар	a antina anti	
-#85-38	ger of Mark	2 201	19 m	- 1 L E		476/1Junice
VV Browners (Geo	iphysical, Geological, memical and Expenditures)	~ 01	2	Note -		n this torm, attack a use dits classicatist on the
Cherry Cherry	a torenapiana, 2 akony tanay				"Expenditures"	section may be entered 1. Days Cr." columns
TODA OF SLIVE, VIST	·	The Mining /	Act	Township c	Do not use shade	d areas below
	AL MAPPING			KELL	I TWP. (M.963)
RANDY CUR	TIS RUBINSCH				C-34	• }
Andress H-621 0	FORMANIVILLE	PORC .				
NORTH B	AY, ONTARIO	PIB	BN 9 Date of Survey	(from & to)	Totel	Miles of line Cut
RAYAN EXPLO	DRATION LTD .		Date of Survey 21 08 E Day Mo.	74 26 C	B B4 Mo. Yr.	4.2
Re#2. HWY #11 (N	(Geo-Technical report) SCU WRTH) NORTH BA	TT FR	OSTAD, RIO PIE	в.5с 3 вбз	S	
Credits Requested per Each (Claim in Columns at right	Mining Cla	ims Traversed (1	List in nume	rical sequence)	
	Geophysical Davs per Ctaim	Prefix	Number	Expend. Devs Cr.	Mining Prefix	Claim Expend. Number Davs Cr.
For first survey: Enter 40 days, (This	Electromagnetic	S	647611			
includes line cutting)	- Magnetömeter	2	647612			
For each additional survey: using the same grid:	- Radiometric	No. 20	647613	ll		
Enter 20 days (for each)	- Other		647614			
	Geological 20		647615			
Man Davs	Geochemical Cays per	2	647616		1248 8 49 A 4 5 4 5 4 5 A 4 5 4 5 4 5	
Complete reverse side	Geophysical Gairn		647617		1.5 m - 18	
and enter totalis) here	- Electromagnetic		647618	}		
	Magnetometer		647626			
	Radiometric		647627			
	Orher		647628			
	Geological		647629			
	- เปิลอมภาคทางส 	1!!!	647630			
Note: South provident			647631			
Note: Spec & provident	Magnetometer		-			
to Airborne Surveys	Balloretto	-				
Expenditures (excludes pow				VEI		
Type of Work Per Mitter G	ANDS SECTION					
Pertormed on Claimis)				ł {	VA	
			<u>.</u>			
					 	
- Conclusion of Expenditure Day - Total Expenditures	s Credits					
i r	÷ 15 =	! L	<u> </u>	<u></u>	fotai number o	
		4			claims coverent i report of work.	ry mis [4
 Sal Zurs Lidd to blay real Hoka, Enter humber of day Sal Sal Sal Sal 			DE L'ALLER L'AR L	λοιγ	Minuta Preside	
		Hecorana	Lan	185	NYCV	
ARIL 26/85	conseq monter or Agent i Signature	1280	Date Approved	as Hecorded	Branch Officerer	mant
Certification Verifying Repo	irt of Work		- idee	100.02	in wall	ine VVI
1 Concernance and Concernance	مريدين مريدين من مريدين المريدين المريدين المريدين المريدين المريدين المريدين المريدين المريدين المريدين المري مريدين المريدين المريد	د. د کار بردوند و کونور کونو		the second statements are spin- on the	un bareto navinu	nerformed the work
A series and Posta has series as Post					~	
K.M. BLAIS	APT 306 - 1 NTARIO PIB 3	30 WOM	KIMIN 67	<u> </u>	مک سا	gnately ?
NORTH BAY, O	NTARIO PIB 3	82	APRIL 2	1985	I HM	Blue
					- 	· · · · · · · · · · · · · · · · · · ·

647611 612 613 614 614 615 615 615 615 617 618
3/4 2/4 3/4 3/4 1/4 1/4 1/4 1/4
:64762 62 62 62 62 62
27 28 9 30
2/4 3/4/14 1/4 1/4 1/4 1/4 1/4 1/4

R.M. Plais & Associates Limited

Civil and Mining Engineers

1425 PINEGROVE CRES.

NORTH BAY, ONTARIO P1B 4P9

Office 705-474-4110 Home 705-474-4793

May 3, 1985

Mr. F.W. Matthews Ministry of Natural Resources Land Management Branch Room 6450 - Whitney Block Toronto, Ontario M7A 1W3

Dear Sir,

RE: GEOLOGICAL MAPPING 14 Claim Group Kelly Township, Sudbury Mining Division Report by S. Frostad, B. Sc.

Please find enclosed the following: 1. Two copies of Geological Mapping Report on 14 claim group, Kelly Township, Sudbury Mining Division, by S. Frostad, B. Sc.

2. Copy of Report of Work submitted to Mining Recorder's Office at Sudbury, Ontario.

Yours truly,

Jaus

R.M. Blais, P. Eng.

RMB/rmb Encl.



Ministry of Natural Resources

July 10/85

1985 06 24

Your File: 85-38 Our File: 2.8069

Mining Recorder Ministry of Natural Resources 199 Larch Street Sudbury, Ontario P3E 5P9

Dear Sir:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. R.J. Pichette at 416/965-4888.

Yours sincerely,

S.E. Yundt Director Land Management Branch

> Whitney Block, Room 6643 Queen's Park Toronto, Ontario M7A 1W3

RDD. Isherwood:mc

Encls.

cc:	Randy Curtis Robinson 8 621 Gormanville Road
	North Bay, Ontario
	P1B 8N9
cc:	R.M. Blais
	Apt 306
	130 Worthington Street West
	North Bay, Ontario
	P1B 3B2



Ministry of Natural Resources

Notice of Intent for Technical Reports

1985 06 24

2.8069/85-38

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you reed not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that 5 re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.

Your File: 85-38 Our File: 2.8069

ŧ

1985 07 18

Mining Recorder Ministry of Natural Resources 199 Larch Street Sudhury, Ontario P3E 5P9

Dear Sir:

RE: Notice of Intent dated June 24, 1985 Geological Survey on Mining Claims S 647611, et al, in Kelly Township

The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

S.E. Yundt Director Land Management Branch

Whitney Block, Room 6643 Queen's Park Toronto, Ontario M7A 1W3 Phone:(416,965-4888

D. Isherwood:mc

cc: Randy Curtis Robinson North Bay, Ontario

cc: R.M. Blais North Bay, Ontario

- cc: Scott Frostad, B.Sc., North Bay, Ontario
- cc: Mr. G.H. Ferguson
- Hining & Lands Commissioner cc: Resident Geologist
 - Sudbury, Ontario

Encl.

