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GEOLOGICAL REPORT OF CLAIM SSM 581686

BY DANIEL J, GIGNAC

DUNRAINE MINES LTD.

WAWA, ONTARIO.

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Location:

Claim SSM 581686 is situated in McMurray Twp. immediatly to the west of claim SSM 3124, approximatly 2.5 miles south - east of the town of Wawa in the Algoma District.

The Parkhill Gold Mine is located 600 feet to the east of the number three post of the claim. This wedge shaped claim has an area of 2.98 acres.

Geology:

Five different rock types were observed on this claim. (as per map)
Unit numbers I and 4 are felsic volcanics. A distinction
exists as unit 4 is a feldspar crystal tuff and unit 1 is a
fine grained felsic volcanic tuff.

The felsic volcanic outcrops on this claim are fairly massive as opposed to those found nearer the Parkhill mine which display graded bedding and banding and are probably reworked.

A narrow band of conglomerate (unit2) occurs three hundred feet north of the number three post.

A granodiorite intrusion (unit 5) occupies the north half of the claim. This intrusion is part of the so-called Jubilee Stock and is a major geologic feature in the township.

Finally, a mafic intrusive rock (unit 6) diabase mostly, is located in two areas on the claim. The most important area

being at the south tip of the wedge.

A wide diabase dyke occupies a fault zone which displaces the Parkhill vein system some 1800 feet to the south. A narrower dyke, 80 to 100 feet to the east, parallels the major one and probably occupies the same zone of weakness as the rocks between the dykes are badly fractured and altered.

Three minor quartz-carbonate veins (E-W striking) are situated in the central portion of the fraction. These veins are narrow and barren and occupy the contact between the granodiorite stock and felsic volcanics. They have little if any economic value.

Submitted May 31, 1982

Daniel J. Gignac

Dunraine Mines Ltd.

P.O. Box 265

WaWa Ontario.

Pos-1k0

DUNRAINE MINES LIMITED GEOLOGY OF CLAIM SSM 58:656 DANIEL J. GISNAC by MAY 18 1982 53 M 3406 LEGEND DIAGASE GRANODIORITE FELSIC VOLCANICS CONGLOMERATE METAVOLCANICS SCALE: ONE INCH TO TWO HUNDRED FEE

55m 3109

2.4844

References: Geological Series Preliminary Map P2441

Precambrian Geology of McMurray Township

Wawa Area, Ontario.

by R. P. Sage O.G.S. 1982

2.4844.

CERTIFICATE OF QUALIFICATION

for

RECEIVED

APR 1 5 1983

MINING LANDS SECTION

DANIEL J. GIGNAC

- Graduated, University of Waterloo, Waterloo
 Ontario, 1980. Bachelor Degree Environmental
 Studies, minor Geology. -
- Successfully completed year one of Mining Technology Program at Northern College, Haileybury School of Mines, Haileybury Ontario, 1979.
 - Have been employed as Exploration Geologist

 May to December 1980, May to September 1981

 by Dunraine Mines Ltd. Toronto.

 September to December 1981, June and July 1982,

 November 1982 to present by J-Q Resources Inc.

 Toronto.

signed,

Daniel J. Gignac B.E.S

Report of Work (Geophysical, Geological, Geochemical and Expenditures)



41N15NE0520 0047A1 MCMURRAY

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3/6	orged Holder or Agent (S	_ 1	(40)	Deu Approved	is Recorded	Branch Di	rector	/
Certification Verifying Report	of Work	1466				l		
I 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 same during and/or after its completion and the annexed report is true.								
Name and Postal Address of Pers		THE STATE	TATO TEPORT IS TO	▼.				
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Technical Assessment

Work Credits

1983 08 22

Mining Recorder's Heport of

JOHN S. GRANT			
MCMURRAY TOWNSHIP			
Type of survey and number of Assessment days credit per claim		Mining Claims Assessed	
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Electromagnetic days	SSN 581686		
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Section 77 (19) See "Mining Claims Assessed" column			
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Credits have been reduced because of partial			
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o credits have been allowed for the following mining clair	ns		
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ne Mining Recorder may reduce the above credits if necessary			The state of the s

1.	Type of Survey Geological
2.	Township or Area - Mc Museray
3.	Numbers of Mining Claims Traversed by Survey
	55M - 581684
	Reason for credit reduction:
	- DDH set up a cone logging not part of
4.	Number of Miles Cest yrecal Survey
* 5.	Number of Statio - no proof of line cutting on map or in
* 6.	I be Considered which
+·7 .	Scale Constant or 4 claim stehing one in the same.
* 8.	Frequency Used an Hayo x 7 = 28 days/claim. Ray
	Summary of Assessment Credits (details on reverse side)
	Total 8 hour Technical Days (Include Consultants, Draughting etc.)
	Total 8 hour Line-Cutting Days
	Calculation
	Technical Line-cutting 36 - 1 - 36 Number Assessment credits of claims per claim
	The dates listed on this form represent working time spent entirely within the limits of the above listed claims Check If otherwise, please explain
	intervals - four North-South Lines run through claim-bedogical survey lines
	Dated: Jun 30/83 Signed: Daniel agnac
	Note: (A) * Complete only if applicable.
	(B) Complete list of names, addresses and dates on Hever 5e 1980e. (C) Submit separate breakdown for each type of survey.
	(D) Submit in duplicate. MINING LANDS SECTION

	FIELD WORK	
		Number of 8 hour days
	Geological Curry - D. annac Wans May/82	<i></i>
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	4.	Number of Miles of Line Cut
		Number of Stations Established
	<b>*</b> 6.	Make and type of Instrument Used
•		Scale Constant or Sensitivity
		Frequency Used and Power Output
	9.	Summary of Assessment Credits (details on reverse side)
		Total 8 hour Technical Days (Include Consultants, Draughting etc.)
١.		Total 8 hour Line-Cutting Days
		Calculation
		Technical + / = 36 · Number Assessment credits of claims per claim
*		The dates listed on this form represent working time spent entirely within the limits of the above listed claims. Check  If otherwise, please explain line cutting mine area good at 100 ft intervals
		- Four North-South lines run through claim - Geological survey Followed claim land survey lines
		Dated: June 30 /83. Signed: Daniel Lugace
		<b>4.</b>
		RECEIVED
		Note: (A) * Complete only if applicable. (B) Complete list of names, addresses and dates on Julers 5 1983.
		(C) Submit separate breakdown for each type of survey. (D) Submit in duplicate.

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Fred Mathews MNR Mining Administrator Mining Lands Suction. Whitney Block Toronto but.

Dunraine Mines Hod. Box 245 WAWA Butario POS-1KO

June 1, 1982

Dear Mr. Mathews.

Enclosed please Find a report and map (in duplicate) of claim 55M 581686 near Wawa.

this survey was conducted for assessment purposes in order to bring the said claim to lease.

order. If not, please do not heritate to

RECE Land Manage CURCUL TE CON EY	ment	
JUN		

Vruly, Daniel Gignac.

## RECEIVED

JUN - 4 1982

MINING LANDS SECTION

Mining Recorder
Ministry of Natural Resources
75 Elgin Street
P.O. Box 669
Sault Ste. Marie, Ontario
P6A 5N2

#### Dear Madam:

We have received reports and maps for a Geological Survey submitted under Special Provisions (credit for Performance and Coverage) on Mining Claim: SSM 581686 in the Township of McHurray.

This material will be examined and assessed and a statement of assessment work credits will be issued.

Yours very truly,

E.F. Anderson Director Land Management Branch

Whitney Block, Room 6450 Queen's Park Toronto, Ontario M7A 1W3 Phone: 416/965-1316

J. Skura/amc

cc: John S. Grant Toronto, Ontario

cc: Dunraine Hines Ltd/Attn: Mr. Daniel Gignac Wawa, Ontario

Mr. John S. Grant Suite 2500 390 Bay Street 25th Floor Toronto, Ontario M5H 2M7

Dear Sir:

RE:

Geological Survey submitted on Mining Claim SSN 581686 et al in the Township of McMurray

Enclosed are the plans and final page of the report, in duplicate, for the above mentioned survey. In order to complete your submission we require the following:

- a) the final pages and maps must be signed.
- a brief resume stating the qualifications of the author of the report for our records - copy of guidelines enclosed.

For further information, please contact Mr. F.W. Hatthews at 416/965-1380.

Yours very truly,

E.F. Anderson Director Land Management Branch

Whitney Block, Room 6450 Queen's Park Toronto, Ontario M7A 1W3 Phone: 416/965-1380

A. Barr:sc

Encls:

cc: Mining Recorder

D. J. Gignac Box 265 Unwa. Ontario

RECEIVE Land Management By CIRCULATE CONNEUTS PLEASE BY	D. Bridge
APR 15 1983	
E. F. ANDERSON	1
J. R. MORTON	
J. C. SMITH	
G. SHERMAN	
J. M. ShiriLL	
RETURN TO R.64	50

Mr. E. F. Anderson M. N. R. Land Management Director Queen's Park Toronto, Ontario April, 111983

TR: Geological survey of Mining Claim 55M 581686 Township of McMurray.

Dear Sir:

Enclosed please Find the required signed Final pages and maps of the report I submitted to your office in May of 1982

You will also bind two signed copies of my qualification certificate.

I apologize Bor the inconvenience.

Vinly, Daniel Gymas

John S. Grant Suite 2500 390 Bay Street 25th Floor Toronto, Ontario M5H 2W7

Dear Sirs:

RE: Geological Survey submitted on Mining Claim SSM 581686 in the Township f McMurray

Examination of your Geological Survey Report and Map covering the above Mining Claim in McMurray Township reveals that assessment of your requested credits may not be considered using the Special Provisions method. This is due to the very small size of your claim.

Credits will be allowed, however, under the man-day method provided you complete and return the enclosed man-day breakdown forms.

Yours very truly,

E.F. anderson Director Land Management Branch

Whitney Block, Room 6450 Queen's Park Toronto, Contario M7A 1W3 Phone: 416/965-1380

R. Pichette/mc Encls:

cc: Mining Recorder
Sault Ste. Marie, Ontario

	to server the server the server to the serve	
	RECEIVED Land Management Branch DIRCULATE COMMENTS PLEASE	
		June 30/83
E.F. Anderson	JUL -5 1983	
Land Management Bran		
m. w. R.	G. SHERMAN	
Toranto.	J. M. SIAME	
Dear Sir:		
Hssess ment Work number 55 m s Crant m N	Breakdau 581686 - Lay af the	u duplicate) the Boc our claim requested to Mr. I.S. s year.
	Truly	
	man free	J. Gynac vaine Mines Wann Ont.
		POS-110.
		RECEIVED
		JUL 5 1983
		MINING LANDS SECTION

Your file:

1983 08 22

Our file: 2.4844

Mrs. M.V. St. Jules
Mining Recorder
Ministry of Natural Resources
875 Queen Street East
P.O. Box 669
Sault Ste. Marie, Ontario
P6A 5N2

Dear Madam:

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. F.W. Matthews at 416/965-1380.

Yours very truly,

E.F. Anderson

Director

Land Management Branch

Whitney Block, Room 6450 Queen's Park Toronto, Ontario M7A 1W3 Phone: 416/965-1316

R. Pichette:sc

Encls:

cc: Mr. John S. Grant Suite 2500 390 Bay Street 25th Floor Toronto, Ontario M5H 2W7

cc: Mr. G.H. Ferguson B45 Mining & Lands Commissioner

## Notice of Intent for Technical Reports

1983 08 22

2.4844

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 need 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 a 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 Lands Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.

1983 09 23

Mrs. M.V. St. Jules
Hining Recorder
Hinistry of Natural Resources
875 Queen Street East
P.O. Box 669
Sault Ste. Marie, Ontario
P6A 5N2

Dear Madam:

RE: Geological Survey on Mining ClaimsSSM 581685 in the Township of McHurray

The Geological Survey assessment work credits as listed with my Notice of Intent dated August 22, 1983 have been approved as of the above date.

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

Yours very truly,

E.F. Anderson Director Land Management Branch

Whitney Block, Room 6450 Queen's Park Toronto, Ontario M7A 1W3 Phone: (416)965-1380

R. Pichette:mc

Encl.

cc: Mr. John S. Grant
Suite 2500
390 Bay Street
25th Floor
Toronto, Ontario M5H 2W7

cc: Resident Geologist
Sault Ste. Marie, Ontario

