



42A12SE0379 2.14795 JAMIESON

010

REPORT ON  
MAGNETIC SURVEY

VENNE AND MEDLEE OPTIONS  
GODFREY & JAMIESON TOWNSHIPS  
NTS: 42-A/12                      PROJ # 8218

FOR  
FALCONBRIDGE LIMITED

2.14795  
RECEIVED  
NOV 13 1992  
MINING LANDS BRANCH

AUGUST 1992

D. LONDREY  
TIMMINS GEOPHYSICS LTD.

## SUMMARY AND RECOMMENDATIONS

A magnetic survey was carried out for Falconbridge Limited over the Venne and Medlee options in Godfrey and Jamieson Townships.

The survey outlined a number of north-northwest striking diabase dikes. Deflections in a large dike which passes through the middle of the property suggest the presence of faults, shears or geological contacts which strike at approximately N50°W. A 50 metre wide break in this dike is explained by a fault which strikes N60°E.

The survey did not map the different volcanic units and the granite, however the edge of the granite is marked by a high magnetic anomaly. The Jamieson deposit is located within an area of low magnetic field which may be due to a dipole effect from the diabase dikes rather than due to alteration.

The results of the magnetic survey should be re-assessed with the results of the geological survey which is in progress. Consideration should be given to areas of isolated magnetic high anomalies which may reflect pyrrhotite mineralization within a sulphide deposit, areas of low magnetic susceptibility which may reflect alteration and areas of strong shearing which may be located by deflections in the diabase dikes.

Since there are no airborne EM anomalies on the property and most of it has been covered by conventional ground EM techniques, a deep searching EM system such as the Crone DEEPEM should be considered in any geologically favourable areas. An induced polarization survey would help map weakly mineralized horizons which may lead to a deeper deposit.



42A125E0379 2.14795 JAMIESON

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ii

TABLE OF CONTENTS

	page
SUMMARY AND RECOMMENDATIONS .....	i
INTRODUCTION .....	1
GENERAL GEOLOGY .....	3
PREVIOUS WORK .....	4
SURVEY DESCRIPTION .....	7
MAGNETIC RESULTS .....	8
REFERENCES .....	12

LIST OF MAPS

1. MAGNETIC RESULTS (POSTING AND CONTOURS)
2. MAGNETIC RESULTS (CONTOURS ONLY)

LIST OF FIGURES

	page
1.(a) LOCATION MAP .....	2
(b) CLAIM MAP .....	2
2. COLOUR IMAGE OF TOTAL MAGNETIC FIELD .....	9
3. COLOUR IMAGE OF 1944 HOLLINGER MAGNETIC SURVEY .....	10

LIST OF TABLES

	page
1. SUMMARY OF PREVIOUS WORK .....	5

## INTRODUCTION

During June 1992, a magnetic survey was carried out for Falconbridge Limited over a property which straddles the Godfrey Jamieson Township line. The former Canadian Jamieson mine is located on the property and the purpose of the survey was to map the stratigraphy around this deposit.

The property is situated approximately 18 kilometres northwest of the city of Timmins, in the Porcupine Mining Division (Figure 1(a)). It was accessed from Highway 576 which cuts through the middle of the survey area.

The survey covered 8 claims located in south half of Lot 10 and the south quarter of Lot 9, Concessions VI, Jamieson Township (Figure 1(b)) and all or parts of thirteen claims in Lots 9 and 10, Concession VI, Godfrey Township.

Two claim blocks within the survey area have been optioned by Falconbridge Limited. Claims which belong to the Venne Option include P 20411, 27860, 27862, 27864 and 27912; and claims which belong to the Medlee Option include P 27861, 27863 and 27865.

The rest of the claims are held by Falconbridge Limited and are numbered as follow:

P 591258, 653910, 725177

P 725178, 779876, 779877

P 528933, 537009, 585703, 585707

P 849489, 871593, 1189507

The field data was collected by D. Londry.

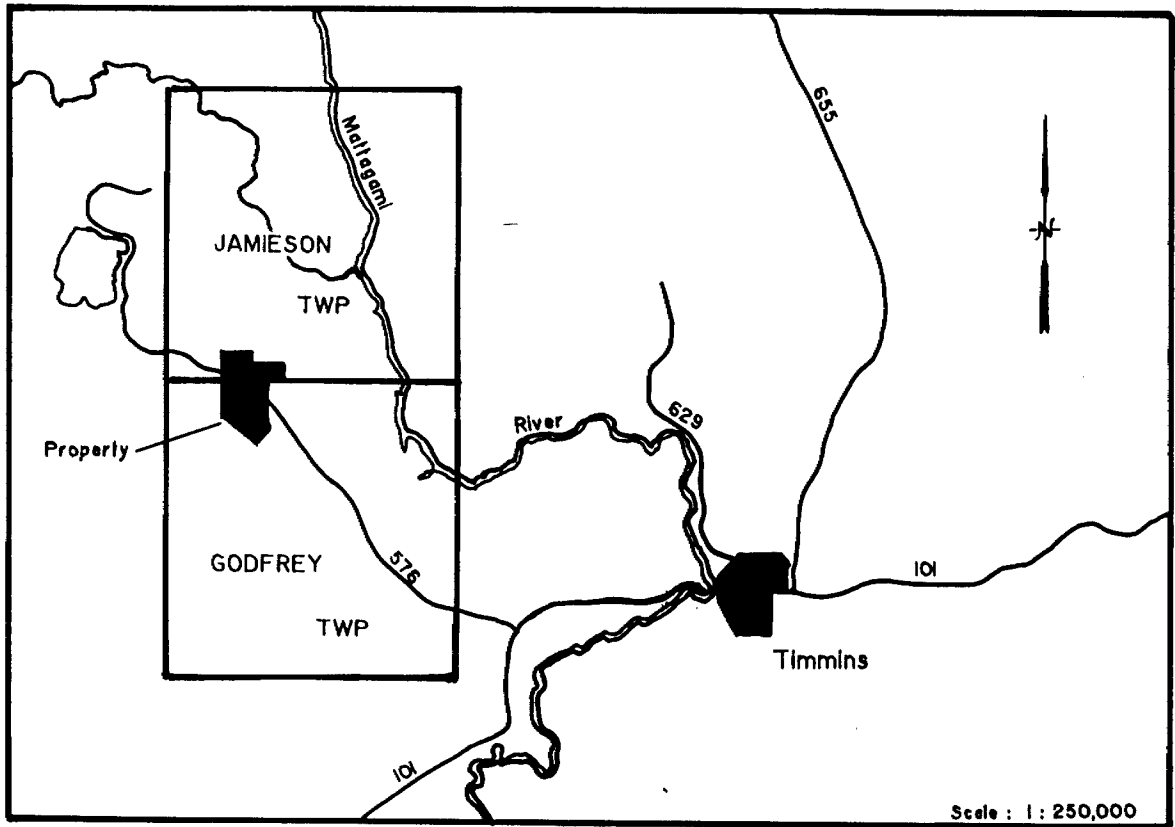


Figure 1(a) : Location map

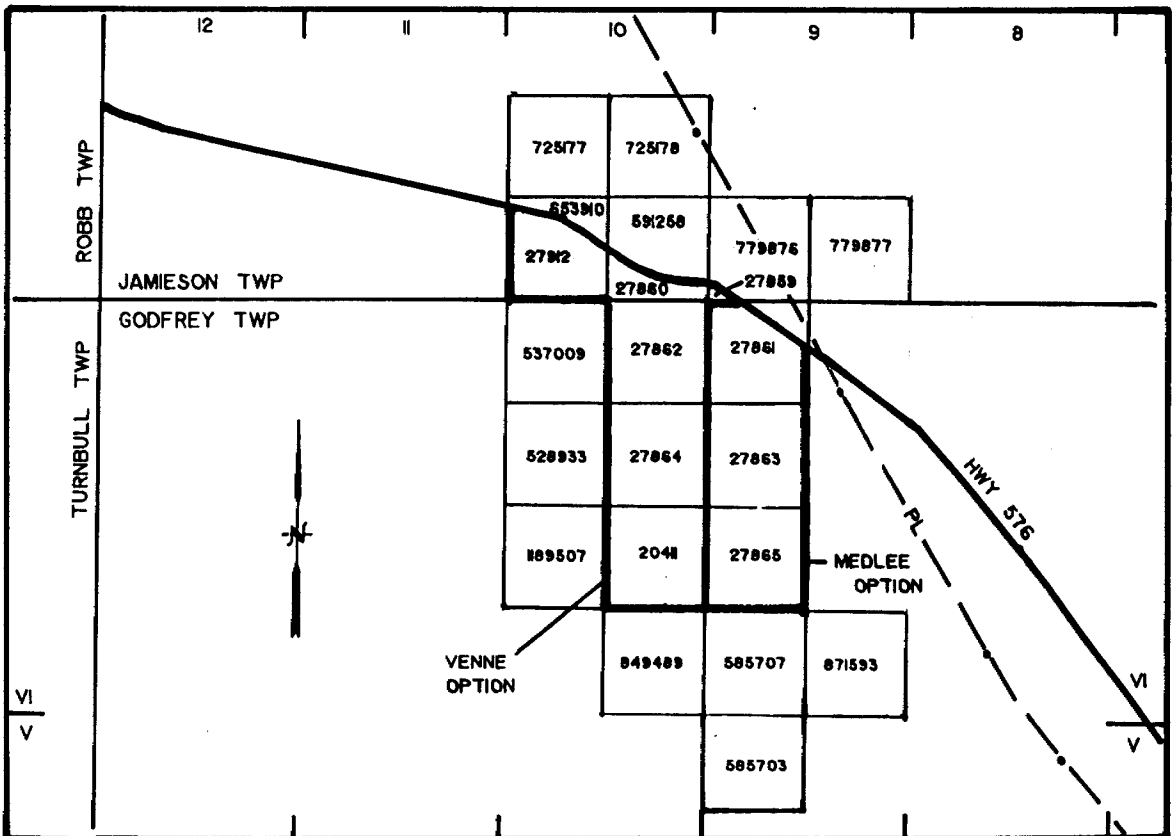


Figure 1(b) : Claim map

## GENERAL GEOLOGY

The property is situated at the west end of the Abitibi Greenstone Belt, which consists of Archean metasediments and felsic to mafic metavolcanics intruded by granitic and mafic bodies.

Godfrey and Jamieson Townships were first mapped by F. L. Finley in 1924 (Finley, 1925). Jamieson Township was later mapped by L. G. Berry in 1940 (Berry, 1944) and Godfrey Township was mapped by N. Hogg in 1951 and 1952 (Hogg, 1954).

In 1969 and 1970, Middleton (1972, 1973) remapped the geology of Jamieson, Godfrey, Robb and Turnbull Townships, based on a combined magnetic and geological survey. The magnetic work included a compilation of all previous magnetic surveys in the four townships (Middleton, 1969, 1971).

The geology on the property consists of northwest-southeast striking Keewatin acid and intermediate volcanics. A large granite stock centered to the west of the property, underlies the southwest corner of the survey area and all of the rocks on the property have been intruded by north-northwest striking diabase dykes.

The diabase dikes are the most numerous source of magnetic anomalies in the area. The dikes have intruded along fractures and faults which strike between  $N10^{\circ}W$  and  $N20^{\circ}W$ ; these parallel the Mattagami River Fault located along the east side of Godfrey and Jamieson Townships. Locally, the diabase dikes are deflected to a northwest direction along geological contacts or faults which sub-parallel the contacts. A large northwest deflection in a diabase dike immediately south of the Jameland deposit, in Jamieson Township, was interpreted to be an andesite-rhyolite contact between east-west shear zones at both ends of the deflection (Paterson, 1957).

Faults may also be located at interruptions or breaks in the magnetic expression of a diabase dike. Paterson (1957) suggests that these features are due to a breakdown of magnetic minerals by later movements on the fault, by erosion in the fault zone, or by the actual termination of the dike.

Magnetic surveys over two sulphide deposits, to the north in Robb and Jamieson Townships, are well documented. There is a magnetic high anomaly associated with the Kam-Kotia deposit which can be explained by the amount of pyrrhotite present in the ore (Jones, 1947). The Jameland deposit does not have a coincident magnetic anomaly, however, it is located within a magnetic depression which may be explained by a breakdown of magnetic minerals during alteration (Paterson, 1957).

A description of the geology on the former Jamieson property is given by Ferguson (1944), Hogg (1952), Middleton (1972) and Pyke et al. (1970). Sulphide mineralization on the property is located within a highly altered and sheared band of rhyolites, close to the upper contact with intermediate volcanics. The sulphides that are present include pyrite, chalcopyrite and sphalerite.

#### PREVIOUS WORK

The Godfrey Jamieson area has been explored since the turn of the century, first for gold and then for base metals. Middleton has compiled all work in Godfrey Township prior to October, 1970 (Middleton, 1971) and in Jamieson Township prior to February, 1971 (Middleton, 1973). MacCrae (1981) compiled all work filed for assessment in Godfrey Township before April 1980.

The original Jamieson property was staked by J.G. Jamieson in 1941. It



consisted of 9 claims in Godfrey Township (in Lot 9 and the east half of Lot 10, Concession VI) and 3 adjoining claims in Jamieson Township. Much of the early work on a copper showing, which included stripping, trenching and 12 diamond drill holes, was carried out or financed by Mr. Jamieson himself. The property was later optioned to Violamac Mines Ltd. and, in 1959, they drilled an additional 16 holes. Canadian Jamieson Mines Limited brought the property into production in 1966 and over the next five years it produced 39.5 million tons copper and 47.1 million tons zinc.

YEAR	COMPANY	GEOPHYSICS	DRILL HOLES	ASSESSMENT FILE
1944	GEORGE JAMIESON PROPERTY	MAG,RES,GEOL	HOLES 1-12	69
1944	CANADIAN JAMIESON MINES LTD.	MAG,GEOL		742
1944	C. O. HAGGQUIST PROPERTY	MAG,RES	HOLE 1	491
1955	DOMINION GULF COMPANY	MAG,GEOL		579
1964	CU-KAM PORCUPINE MINES LIMITED	MAG,JEM		963
1981	KIDD CREEK MINES LTD.	MAG,GEOL,VLF,PEM		2613
1981	SAMIN CANADA LTD.	GEOL		2527
1983	KIDD CREEK MINES LTD.	MAG,HLEM,VLF	JM12-01	2543

**Table 1.** Summary of previous work

In the 1940's, Hollinger Consolidated Gold Mines Ltd. carried out magnetic and resistivity surveys on a grid which covered the Jamieson property and three adjoining claims (653910, 725177 and 725178) held by C. O. Haggquist in Jamieson Township. In the magnetic survey, readings were taken every 50 feet along lines spaced every 300 feet and oriented at 25 north of east. R. MacDonald staked claims 725177 and 725178 after C. O. Haggquist and, in 1952, drilled one hole on claim 725178. The log for this hole can be found in Haggquist's assessment file (Timmins file 491).

In 1955, Dominion Gulf Company ran magnetic and geological surveys over 8 claims located to the east and along the southern edge of the present survey area. Claims 585703, 585707 and 871593 were covered by these surveys.

In 1964, Cu-Kam Porcupine Mines carried out magnetic and JEM surveys over a block of 43 claims which included the most southern claims (849489, 585707 and 871593) on the present property. In 1970, one hole was drilled on what is now claim 849489; no sulphides were encountered in the hole.

In 1982 Samin Canada Ltd. covered claims 779876 and 779877 in Jamieson Township with a geological survey along pace and compass lines.

Between 1981 and 1984, Kidd Creek Mines Ltd. carried out an exploration program over claims 585703 and 585707 which included geological, magnetic, VLF, and Pulse EM surveys. The grid on the property consisted of east-west lines spaced every 60 metres; no bedrock conductors were detected in the EM surveys.

In 1984 Kidd Creek Mines Ltd. conducted magnetic, very low frequency (VLF) and horizontal loop electromagnetic (HLEM) surveys over the claims in Jamieson Township. The grid lines were oriented east-west and spaced every 100 metres except on claim 779877, where they were spaced every 50 metres. The magnetic survey mapped a number of north-northwest striking diabase dykes. There were

no anomalies outlined in the HLEM survey and north-south VLF anomalies were explained as geological contacts. A DEEPEM survey, to look below the detection limit of the HLEM survey, was recommended.

In 1983 and 1984, Kidd Creek Mines Ltd. also filed some mechanical stripping on the claims in Jamieson Township and, in 1985 drilled one hole (JM-12-01) on claim 779877.

#### SURVEY DESCRIPTIONS

A baseline, at an orientation of 128 Az, was established through the middle of the property; the 0 North, 0 East grid coordinate (UTM coordinates 5375567.8 N, 458592.98 E) was located at the southwest corner of the old Canadian Jamieson Mine shaft. Orthogonal grid lines were cut every 50 metres and stations were spaced every 20 metres; tie lines were cut every 400 metres.

The magnetic readings were taken every 10 metres with a Scintrex IGS-2/MP-4. This instrument is a proton precession magnetometer which measures the earth's total magnetic field to an accuracy of 0.1 gammas. Diurnal variations were monitored every 3 seconds with a Scintrex MP-3 base station magnetometer. The base station was situated on the Godfrey 43/53 property at 2740 East on Line 1800 North. The base value at this location, to which all reading were corrected, is 59150 nanoTeslas.

## MAGNETIC RESULTS

The magnetic results are posted and contoured on Map 1 at a scale of 1:5000. An interpretation of the results is presented on Map 2 at a scale of 1:5000 and a colour image of the results is given in Figure 2 at a scale of 1:15000. The readings in a large area, centered by the Jamieson mine site, have been omitted from the data set because of interference from scrap metal. Some of the readings along Highway 576 have also been omitted because of cultural features.

Figure 3 is a colour image of the magnetic survey which Hollinger ran in 1944. This data is presented here because the survey covered the Jamieson deposit before it was developed and before the existence of cultural features which are present today. It also shows the continuation of magnetic features to the east of the present survey area.

The volcanics and granite have similar magnetic susceptibilities and cannot be mapped using the results of this survey. A linear magnetic high anomaly, labelled 'M1' on map 2, however, is located along the edge of the granite in the southeast corner of the property. Similar magnetic 'halos' around felsic intrusives have been reported by Middleton (1973) in northern Robb Township. Anomaly 'M2', on Lines 850 and 900 West at 0 North, may also be related to a small intrusive that appears on regional geology maps.

A large diabase dike strikes north northwest through the center of the property, to the west of the Jamieson deposit. Discontinuities and northwest deflections along dike's linear magnetic high anomaly suggests the presence of faults, shears or geological contacts.

On Line 500 East, the dike stops at a linear magnetic low anomaly which

Lot 10

Lot 9



JAMIESON TWP  
GODFREY TWP

CON VI  
CON V

Instrument : Scintrex IGS-2/MP-4  
Type : Total Field Proton Precession  
Contour Interval : 100 nT

FALCONBRIDGE LIMITED	
MAGNETIC SURVEY	
VENNE AND MEDLEE OPTIONS	
NTS : 42-A/12	PROJ : 8218
Scale : 1 : 15000	Date : July 1992
Work By : <i>Timmins Geophysics Ltd.</i>	

Lot 10

Lot 9



JAMIESON TWP  
 GODFREY TWP

CON VI  
 CON V

Instrument : Scintrex IGS-2/MP-4  
 Type : Total Field Proton Precession

FALCONBRIDGE LIMITED	
MAGNETIC SURVEY	
VENNE AND MEDLEE OPTIONS	
NTS : 42-A/12	PROJ: 8218
Scale : 1 : 15000	Date : July 1992
Work By : <i>Thorns Geophysics Ltd</i>	

Lot 10

Lot 9



JAMIESON TWP  
GODFREY TWP

Area covered by  
1992 Falconbridge survey

CON VI  
CON V

Instrument : Askania  
Type : Vertical Field Schmidt-type

HOLLINGER CONS. GOLD MINES LTD.	
MAGNETIC SURVEY	
JAMIESON AND HAGGQUIST PROPERTIES	
Scale : 1 : 15000	Drawn By : TG Ltd
Date of Survey : 1944	

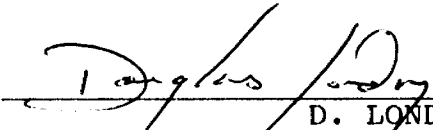
has been interpreted in previous assessment work as a fault with a strike of  $N60^{\circ}E$ . The continuation of this fault, to the east of the present survey area, can be mapped by similar 'breaks' in other diabase dikes which were outlined in the Dominion Gulf survey of 1955; further to the northeast, in Lots 4 to 7, a fault mapped by N. Hogg (1954) is located on strike to this feature. To the southwest of the property, in Lots 10 and 11, this fault may be occupied by diabase.

There appears to be an offset in the dike at 400 North on Line 150 East. This appearance may be due to the fact that a smaller dike crosses the main dike at this point; if a cross fault or shear zone does exist here, it's strike is difficult to determine. Anomaly 'M3', located just to the west of this point, may reflect magnetic minerals along a shear zone which were formed during the same process as those at the granite contact.

The strike of the dike changes to northwest between Lines 300 and 450 West and again between Lines 850 and 1000 West. This may be due to geological contacts, shears or faults which strike at approximately  $N50^{\circ}W$ . The low amplitude of the anomaly between these two features is likely due to deeper overburden.

Small branches of this dike which are known to exist in the area of the Jamieson deposit are not well defined close to the main dike, in either the present survey or the 1944 survey. This may be due to their small size and their response is hidden by the strong anomaly from the main dike. Small diabase dikes can be identified, in other parts of the property, by their north-northwest strike.

AUGUST 17/92  
DATE

  
D. LONDROY  
TIMMINS GEOPHYSICS LTD.



## REFERENCES

- FERGUSON, S.A., 1944**  
Some copper properties in Robb, Jamieson and Godfrey Townships;  
Ontario Dept. of Mines, Vol. 53, pt.4, p.17-32.
- FINLEY, F.L., 1925**  
Kamiskotia Gold Area, District of Cochrane; Ontario Dept. of  
Mines, Vol.34 pt.6,p.43-64. Accompanied by Map 34f. Scale 1  
inch to 3/4 mile.
- HOGG, N., 1954**  
Geology of Godfrey Township; Ontario Department of Mines, Vol  
63, Part 7. Accompanied by Map 1954-4, Scale 1 inch to 1000  
feet.
- JONES, W.A., 1947**  
Experience With Some Electrical and Magnetic Methods in  
Prospecting, Trans. Can. Inst. Mining Met., Vol. 50, pp.537-  
557, 1947.
- MACCRAE, B.A. AND DEOSARAN MAHARAJ, 1981**  
Godfrey Township, Cochrane District; Ontario Geological Survey  
Preliminary Map P.2075, Timmins Data Series. Scale 1:15840  
or 1 inch to 1/4 mile. Data Compiled 1980.
- MIDDLETON, R.S., 1969**  
Jamieson Township, District of Cochrane; Ontario Department of  
Mines, Prelim. Map P.521, Geophys. Series, Ground Vertical  
Field Magnetics. Scale 1 inch to 1/4 mile.
- MIDDLETON, R.S., 1971**  
Godfrey Township, District of Cochrane; Ontario Department of  
Mines, Prelim. Map P.639, Geophys. Series, Ground Vertical  
Field Magnetics. Scale 1 inch to 1/4 mile.
- MIDDLETON, R.S., 1972**  
Geology of Turnbull and Godfrey Townships, District of  
Cochrane; Ontario Department of Mines, Prelim. Map P.2330,  
Scale 1 inch to 1/2 mile.
- MIDDLETON, R.S., 1973**  
Magnetic survey of Robb and Jamieson Townships, District of  
Cochrane, GR.1. Accompanied by Geological Map 2255, Scale 1  
inch to 1/2 mile.
- PATERSON, N.R., 1957**  
A Sulphide Discovery, Robb-Jamieson Area, Ontario; p.246-259 in  
Methods and Case Histories in Mining Geophysics, 6th  
Commonwealth Mining and Metallurgical Congress, Montreal.

PYKE, D.R. and MIDDLETON, R.S., 1970

Distribution and characteristics of the sulphide ores of the Timmins area; Ontario Dept. of Mines, MP41, 24p. Accompanied by sketch map, scale 1 inch to 2 miles.

# Report of Work Conducted After Recording Claim

Mining Act

MINO LANDS  
Transaction Number  
**W9260.00133**

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 8A5, telephone (705) 870-7264.

**2.14795**

- Instructions:**
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for require Recorder.
  - A separate copy of this form must be completed fo
  - Technical reports and maps must accompany this
  - A sketch, showing the claims the work is assigned



900

Recorded Holder(s) <b>FALCONBRIDGE LIMITED</b>		Client No. <b>130679</b>
Address <b>571 Moneta Ave., P.O. Box 1140, Timmins, Ont. P4N 7H9</b>		Telephone No. <b>267-1188</b>
Mining Division <b>PORCUPINE</b>	Township/Area <b>GODFREY &amp; JAMIESON TWP.</b>	M or G Plan No. <b>G-3250</b>
Dates Work Performed From: <b>June 24, 1992</b>		To: <b>July 8, 1992</b>

**Work Performed (Check One Work Group Only)**

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	<b>LINECUTTING AND GEOPHYSICAL SURVEY (MAG)</b>
<input type="checkbox"/> Physical Work, Including Drilling	
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

RECEIVED

NOV 13 1992

MINING LANDS BRANCH

RECORDED

OCT - 1 1992

Receipt \_\_\_\_\_

Total Assessment Work Claimed on the Attached Statement of Costs \$ ~~19,129~~ 13,529 P.R.

**Note:** The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

**Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)**

Name	Address
<b>Bruce Pigeon - Linecutting Contractor</b>	<b>201 Elm St S., Timmins, P4N 1W9</b>
<b>Bong Londry - Timmins Geophysics</b>	<b>1680 Letimer Cres., Sudbury, P3E 2V7</b>

(attach a schedule if necessary)

**Certification of Beneficial Interest \* See Note No. 1 on reverse side**

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date <b>Sept. 22, 1992</b>	Recorded Holder or Agent (Signature) <i>[Signature]</i>
--	-------------------------------	--

**Certification of Work Report**

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying <b>PAUL ROOS, 227 TORE ST., TIMMINS, ONT. P4N 6V3</b>		
Telephone No. <b>264-0491</b>	Date <b>Sept. 22, 1992</b>	Certified By (Signature) <i>[Signature]</i>

**For Office Use Only**

\$13,529	Date Recorded <b>OCT. 1/92</b>	Mining Recorder <i>[Signature]</i>	<div style="border: 2px solid black; padding: 5px; font-weight: bold; font-size: 24px;">RECEIVED</div> <p style="font-weight: bold; font-size: 18px;">OCT 1 1992</p> <p style="font-size: 18px;">3:30 pm <i>[Signature]</i></p>
	Deemed Approval Date <b>DEC. 30<sup>th</sup> 1992</b>	Date Approved <i>[Signature]</i>	
	Date Notice for Amendments Sent		



W9260.00133

Claim #	Claim Units	Value of Assessment Work Done on this claim	Value Applied to this claim	Value Assigned from this claim	Reserve: Work to be Claimed at a Future date
P- 20411 ✓	1	1100	0	0	1100
P- 27859 ✓	1	40	0	0	40
P- 27860 ✓	1	350	0	0	350
P- 27862 ✓	1	1200	0	0	1200
P- 27864 ✓	1	1150	0	0	1150
P- 27912 ✓	1	669	0	0	669
P- 528933 ✓	1	1200	0	0	1200
P- 537009 ✓	1	1250	0	0	1250
P- 591258 ✓	1	850	400	380	70
P- 653910 ✓	1	300	400	0	0
P- 725177 ✓	1	1200	400	300	500
P- 725178 ✓	1	1150	400	0	750
P- 725201 ✓	1	200	400	0	0
P- 779876 ✓	1	1050	400	0	650
P- 779877 ✓	1	1000	400	0	600
P- 1189507 ✓	1	800	400	0	400
P- 1189508 ✓	1	20	400	0	0
<b>17</b>		<b>\$13,529</b>	<b>\$3,600</b>	<b>\$680</b>	<b>\$9,929</b>
Total Number of claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

RECORDED  
OCT - 1 1992  
Receipt \_\_\_\_\_

RECEIVED

NOV 13 1992

MINING LANDS BRANCH

File: CLAIMS2.LST  
October 16, 1992

... of the facts -

*[Handwritten signature]*

7

Statement of Costs  
for Assessment Credit

État des coûts aux fins  
du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction  
**W9260.00133**

**2.14795**

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4<sup>e</sup> étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'œuvre		
	Field Supervision Supervision sur le terrain	300	300
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type LINECUTTING	10110 <del>14309</del>	P.R.
	GEOPHYSICS	3117 <del>1440</del>	P.R.
			P.R. 13229 10829
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			19129

P.R. 13527

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

2. Indirect Costs/Coûts indirects

\*\* Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work.  
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			—
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			—
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)		Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)	19129

P.R. 13527

Note: Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	x 0.50 =

Certification Verifying Statement of Costs

I hereby certify:  
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Field Geologist I am authorized  
(Recorded Holder, Agent, Position in Company)

to make this certification

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Evaluation totale demandée
	x 0,50 =

Attestation de l'état des coûts

J'atteste par la présente :  
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de \_\_\_\_\_ je suis autorisé  
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature [Signature] Date Sept. 22, 1992



Ontario

Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

Mining Lands Branch  
Geoscience Approvals Section  
933 Ramsey Lake Road  
6th Floor  
Sudbury, Ontario  
P3E 6B5

Telephone: (705) 670-5853  
Fax: (705) 670-5863

December 15, 1992

Our File: 2.14795  
Transaction #W9260.00133

Mining Recorder  
Ministry of Northern Development  
and Mines  
60 Wilson Avenue  
Timmins, Ontario  
P4N 2S7

Dear Sir/Madam:

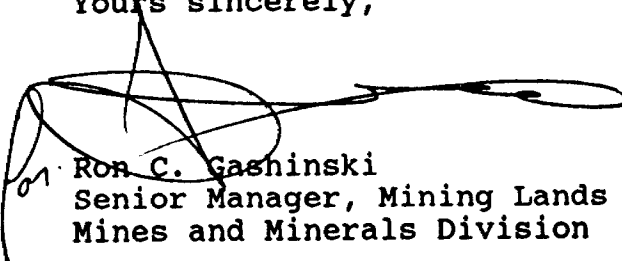
**Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS  
P20411 ET AL IN GODFREY AND JAMIESON TOWNSHIPS**

The assessment work credits for the Geophysical Survey filed under Sections 14 of the Mining Act Regulations have been approved as originally filed.

The approval date is November 30, 1992.

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5855.

Yours sincerely,

  
Ron C. Gashinski  
Senior Manager, Mining Lands Branch  
Mines and Minerals Division

ALJ/jl  
Enclosures:

cc: Resident Geologist  
Timmins, Ontario

✓ Assessment Files Library  
Toronto, Ontario

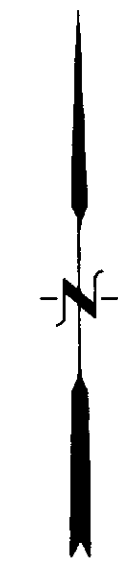
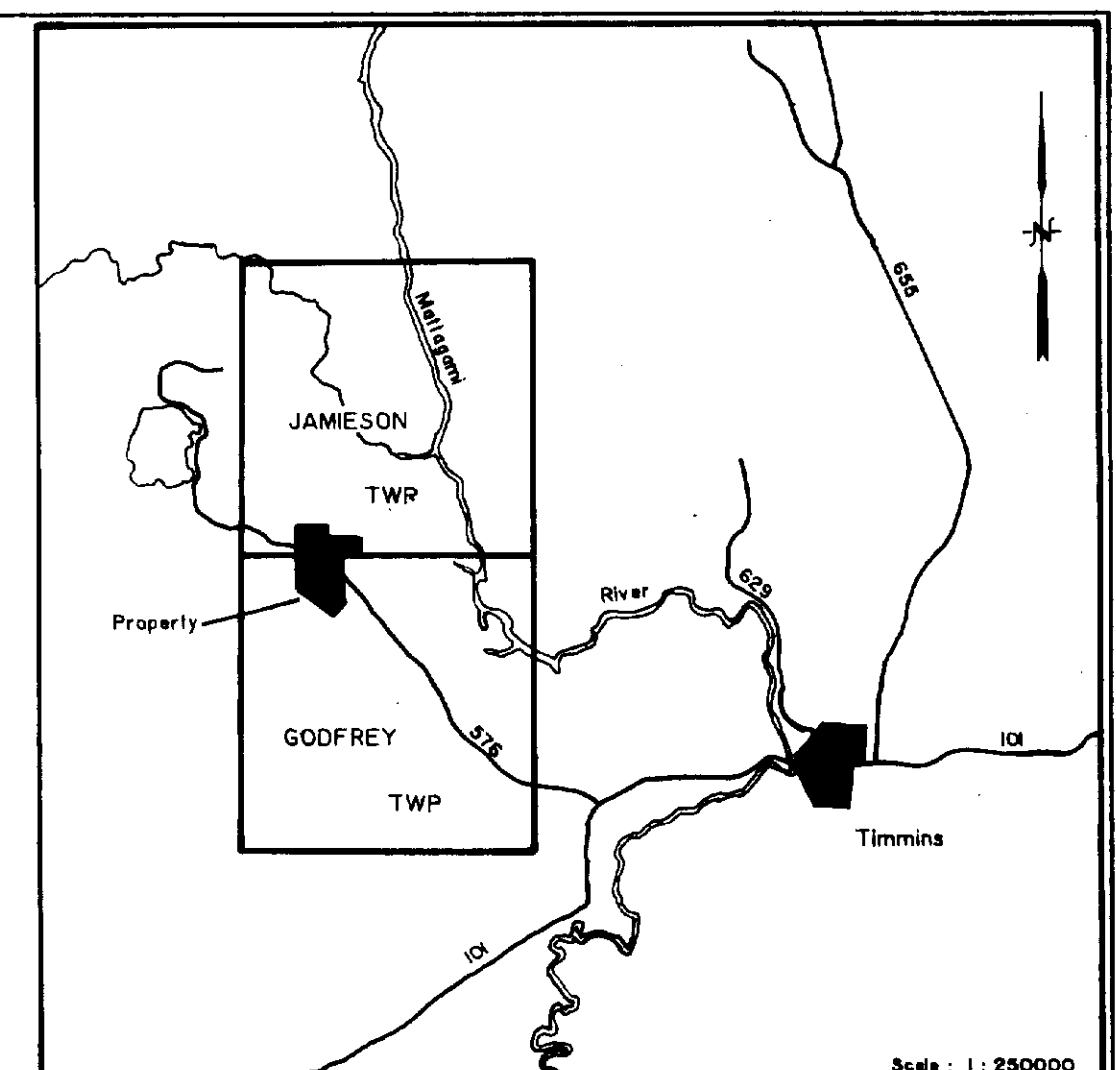












Instrument : Scintrex IGS-2/MP-4  
 Type : Total Field Proton Precession  
 Datum Level : 58000 gammas  
 Contour Interval : 100 gammas  
 Gridded By : Geosoft BIGRID  
 Cell Size : 10 metres  
 Filters : 1 pass 9 point Hanning

Powerline ———  
 Mine Tailings   
 Claimpost □

CON VI  
CON V

**2.14795**

FALCONBRIDGE LIMITED

MAGNETIC SURVEY

VENNE AND MEDLEE OPTIONS

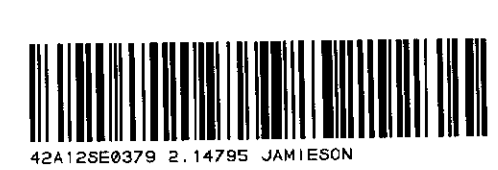
JAMIESON & GODFREY TOWNSHIPS

NTS: 42-A/12      PROJ: 8218

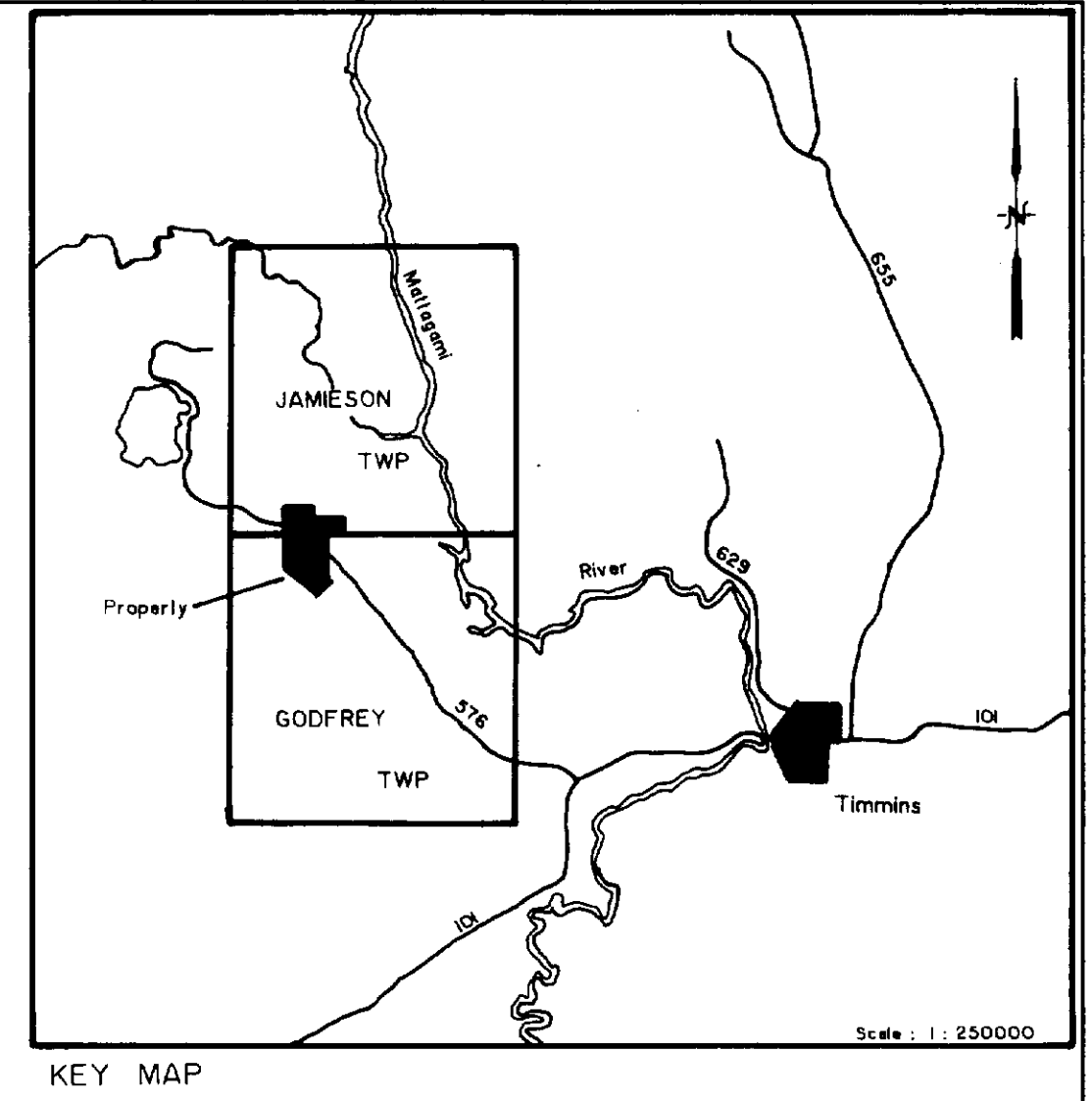
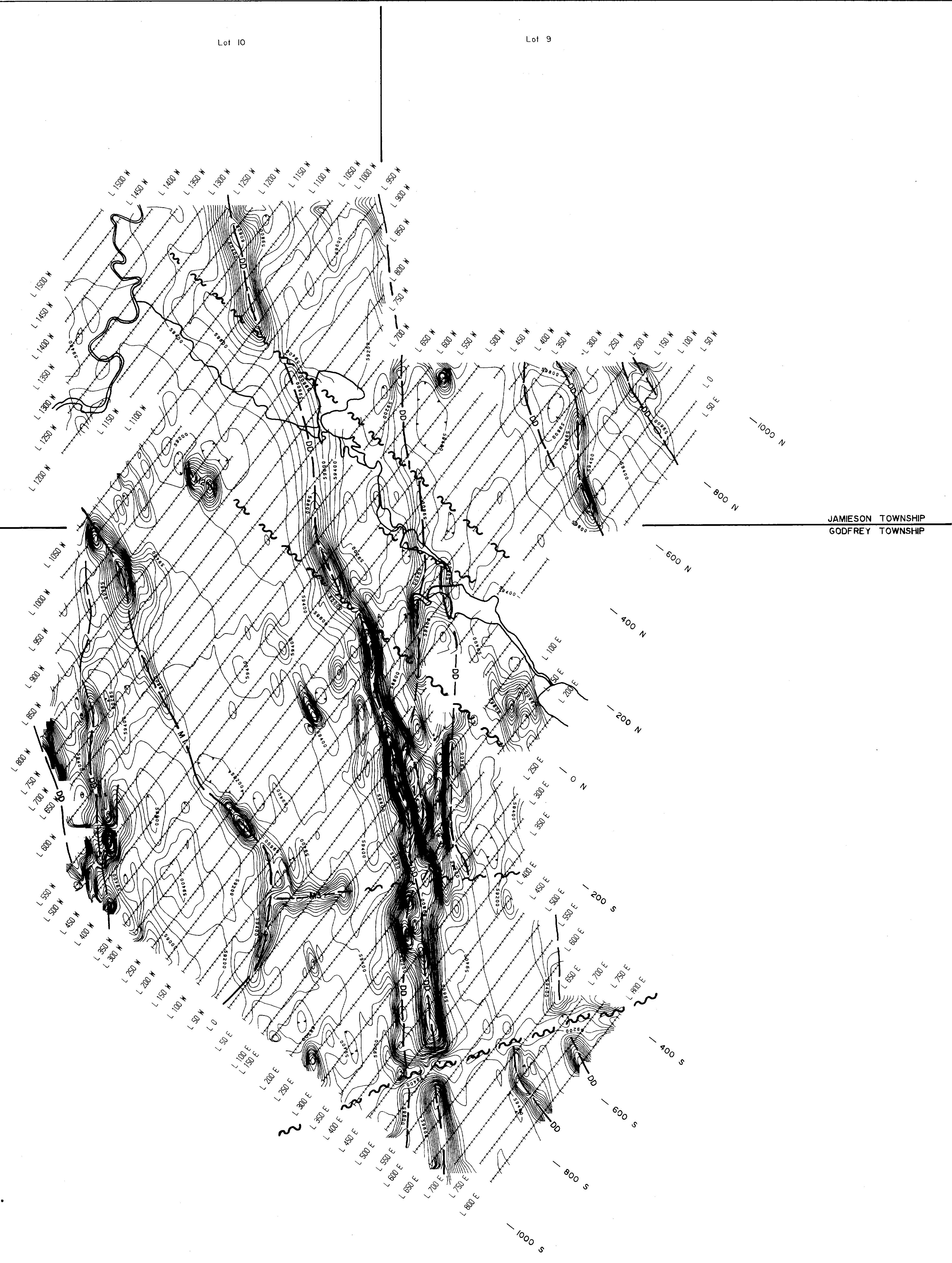
SCALE : 1: 5000      DATE : JULY 1992

FILE : CANJAM.MAG

WORK BY : *Timmins Geophysics Ltd.*







JAMIESON TOWNSHIP  
GODFREY TOWNSHIP

Instrument : Scintrex IGS-2/MP-4  
 Type : Total Field Proton Precession  
 Contour Interval : 100 nanoTeslas  
 Gridded By : Geosoft BIGRID  
 Cell Size : 10 metres  
 Filters : 1 pass 9 point Hanning

Possible Fault ~~~~~  
 Diabase Dike — DD —

**2.14795**

FALCONBRIDGE LIMITED	
MAGNETIC SURVEY	
VENNE AND MEDLEE OPTIONS	
JAMIESON & GODFREY TOWNSHIPS	
NTS: 42-A/12	PROJ: 8218
SCALE : 1: 5000	DATE : JULY 1992
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WORK BY :	Timmins Geophysics Ltd.

