



41P11SE8621 2.15035 FAWCETT

010

GEOPHYSICAL REPORT ON THE FAWCETT TOWNSHIP PROPERTIES
LARDER LAKE MINING DIVISION
SUDBURY DISTRICT
FOR
JOHN RAPSKI

2.15035

RECEIVED
MAY 21 1993
MINING LANDS BRANCH

Qual. 2. 7032

S.J. Carmichael Consultants
Kirkland Lake, Ontario

January 26, 1993
NTS 41 P/11



41P11SE8621 2.15035 FAWCETT

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SUMMARY

This report on the Fawcett Township property has been prepared by S.J. Carmichael, B.Sc., FGAC at the request of John Rapski, residence at Toronto, Ontario and is intended to complete the OPAP reporting obligations.

This report will also be submitted to the Ministry of Northern Development and Mines for assessment credits.

Geophysical surveys were completed over two separate claim blocks located in central Fawcett Township in the Shining Tree area.

Both groups are encircled by claims held by Fort Knox Gold Resources Inc. Targeted mineralization includes base metals and gold.

The claims are located in the central portion of Fawcett Township, District of Sudbury, Larder Lake Mining Division, approximately one hundred kilometres west southwest of Kirkland Lake.

This years program included the establishment of a cut grid over the North Grid (east-west baseline, 3.8 km of line) followed by ground magnetometer and VLF-EM surveys. A second grid was cut 2 km to the south with a north-south baseline and 7.6 km of grid line. This grid was surveyed by magnetometer and VLF as well.

The magnetics over the north grid suggest the presence of a diabase dike or sill, roughly trending north northwest with irregular width. A fault appears to bisect this intrusive at 2+00N as indicated by the VLF survey.

The south grid is marked by a strong north-south narrow magnetic feature over the east section of the claims, likely representing a diabase dike. The west portion is magnetically flat, probably due to the (felsic) Miramich Batholith. Numerous VLF anomalies of weak to moderate strength represent shear zones or related structures within the batholith or mark the batholith/volcanic contact. The moderate strength anomalies may have associated disseminated sulfide mineralization.

Massive sulfide style mineralization is not indicated by the surveys.

Additional work should include geological mapping of both properties to determine:

- 1) The cause of the high magnetics on both properties.
- 2) The contact of the Miramich Batholith. If the contact coincides with an EM response, this would be a potential target for diamond drilling.
- 3) Prospecting and investigation of the remaining EM anomalies on both grids which are of moderate strength.

**Report on the Fawcett Township Properties
Larder Lake Mining Division
for
John Rapski**

INTRODUCTION

This report on John Rapski's Fawcett Township mining exploration property has been prepared by S.J. Carmichael Consultants at the request of Mr. Rapski. It is a description and evaluation of ground geophysical surveys completed on two separate claim groups and is intended to fulfil both OPAP and assessment requirements.

Field measurements were taken by Jim Forbes and the author of this report completed the interpretation and drafting of the results. All work on the claims was performed in October, 1992.

PROPERTY LOCATION AND ACCESS

The Rapski claim groups are located in the central portion of Fawcett Township (NTS 41 P/11), District of Sudbury and within the Larder Lake Mining Division. Claim recordings in Fawcett Township are through the Larder Lake Division while assessment reports are filed through the Cobalt Mining Division.

Access to the properties is by secondary highway 560 from Elk Lake to Shining Tree. A logging road leads south from 560 through MacMurchy Township into Fawcett Township a distance of 13 km east of the village of Shining Tree. This logging road cuts through the east portion of claim 1185713 and 1185714. The West Montreal River passes through the central portion of claim 1185714.

LAND TENURE AND OWNERSHIP

The Rapski property comprises two separate staked sections. The

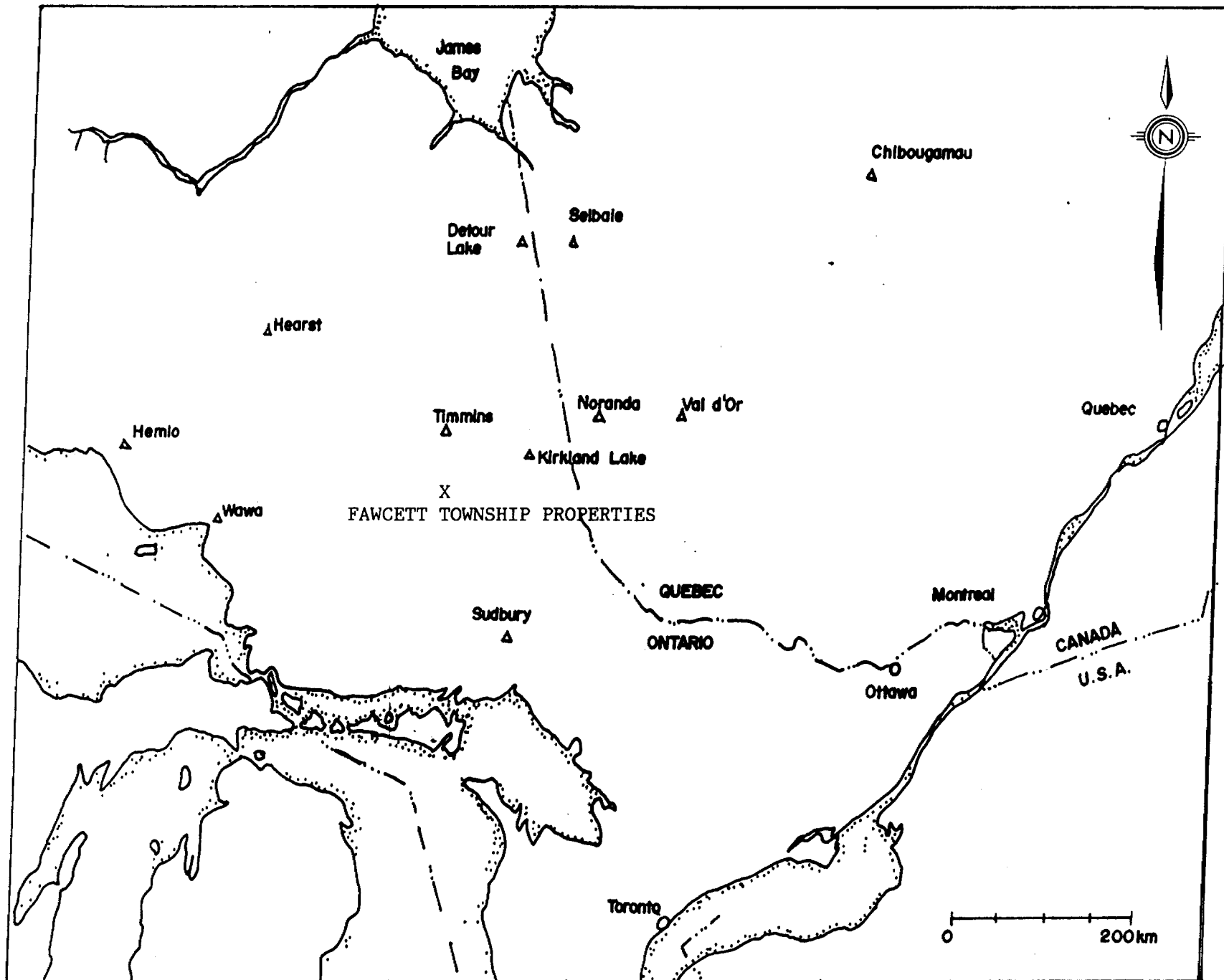
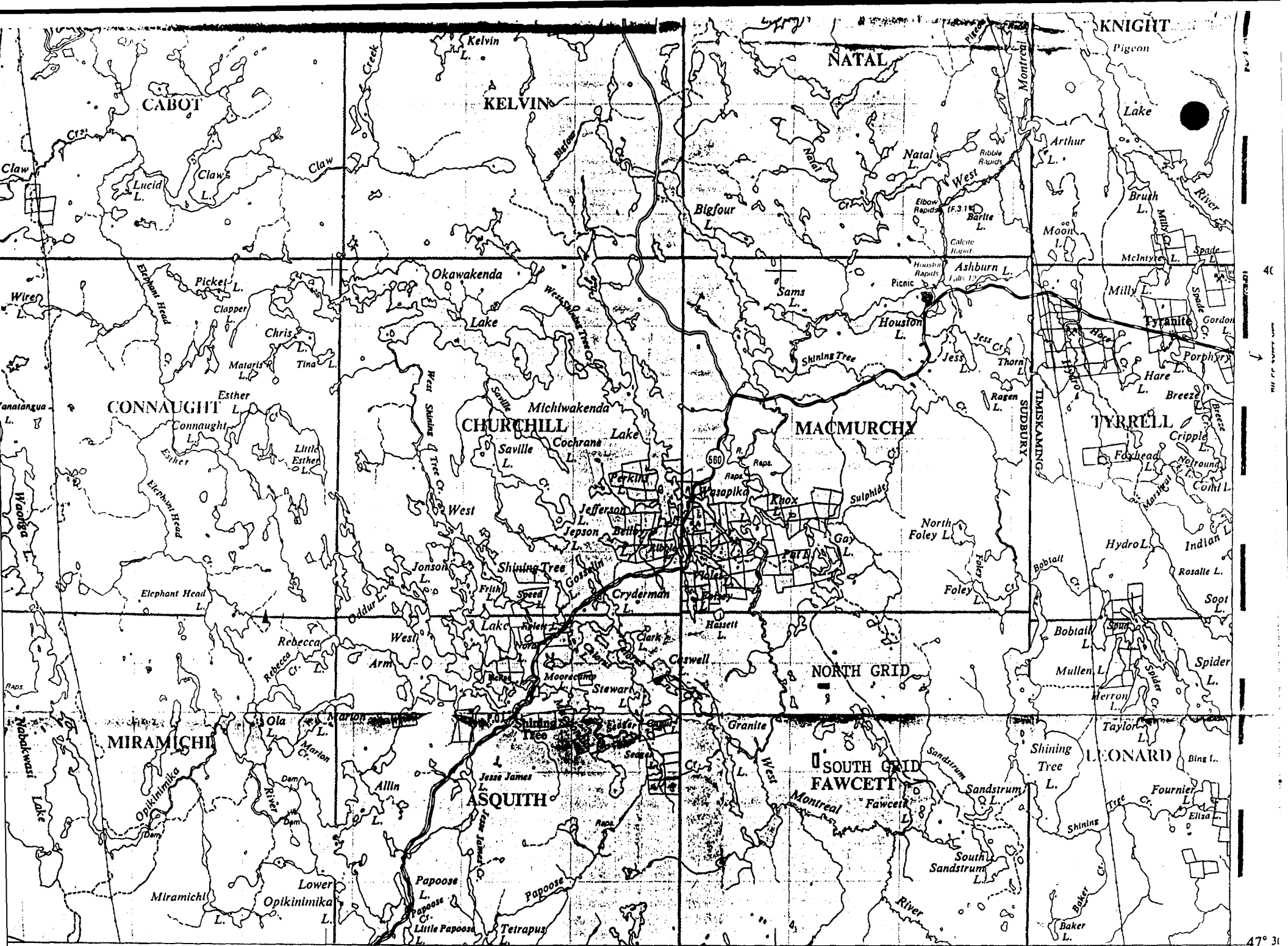


FIGURE 1 - GENERAL LOCATION PLAN



KNIGHT

CABOT

KELVIN

NATAL

CONNAUGHT

CHURCHILL

MACMURCHY

TYRRELL

MIRAMICHI

ASQUITH

NORTH GRID

SOUTH GRID
FAWCETT

LEONARD

20' to Gogama

10'

81° 00'

47° 31'

40

Map of Ontario, Canada

North Group comprises three staked claims (4 units) and the South Group comprises three staked claims (37 units) covering a total combined area of approximately 656 Ha.

The claim numbers, recorded dates and applied assessment credits are listed in the following table:

CLAIM NUMBER	RECORDED DATE	APPLIED CREDITS	COMMENTS
1185803*	Dec. 16, 1991	\$0.0	Requires \$400.00/unit by Dec. 16, 1993
1185726*	Dec. 16, 1991	\$0.0	Requires \$400.00/unit by Dec. 16, 1993
1185725*	Dec. 16, 1991	\$0.0	Requires \$400.00/unit by Dec. 16, 1993
1185713**	Nov. 12, 1991	\$0.0	Requires \$400.00/unit by Nov. 12, 1993
1185714**	Nov. 12, 1991	\$0.0	Requires \$400.00/unit by Nov. 12, 1993
1185715**	Nov. 12, 1991	\$0.0	Requires \$400.00/unit by Nov. 12, 1993

- * Represents North Group
- ** Represents South Group

All claims are in good standing until 1993.

REGIONAL GEOLOGY

Mapping by the Ontario Department of Mines indicates that the north claims are underlain by mafic meta-volcanics with lesser ultramafic komatiitic flows. The general trend of the volcanics is northwest. These have been intruded by Nippising diabasic sills and dikes and by latter north-south trending Matatchewan diabase dikes. Most of the south claims are interpreted to be underlain by hornblende-biotite quartz monzonite of the Miramich Batholith. The extreme northeast corner of claim 1185713 may be underlain by mafic volcanics. Both the batholith and the volcanics have been intruded by north-south diabase dikes.

1992 EXPLORATION PROGRAM

SUMMARY

The 1992 exploration program consisted of gridding and surveying with VLF-EM and magnetometer instruments over both the North and South claim groups. The north grid was cut with an east-west

FAWCETT

M.N.R. ADMINISTRATIVE DISTRICT

GOGAMA

MINING DIVISION

LARDER LAKE

LAND TITLES / REGISTRY DIVISION

SUDBURY

SCALE 1:20000



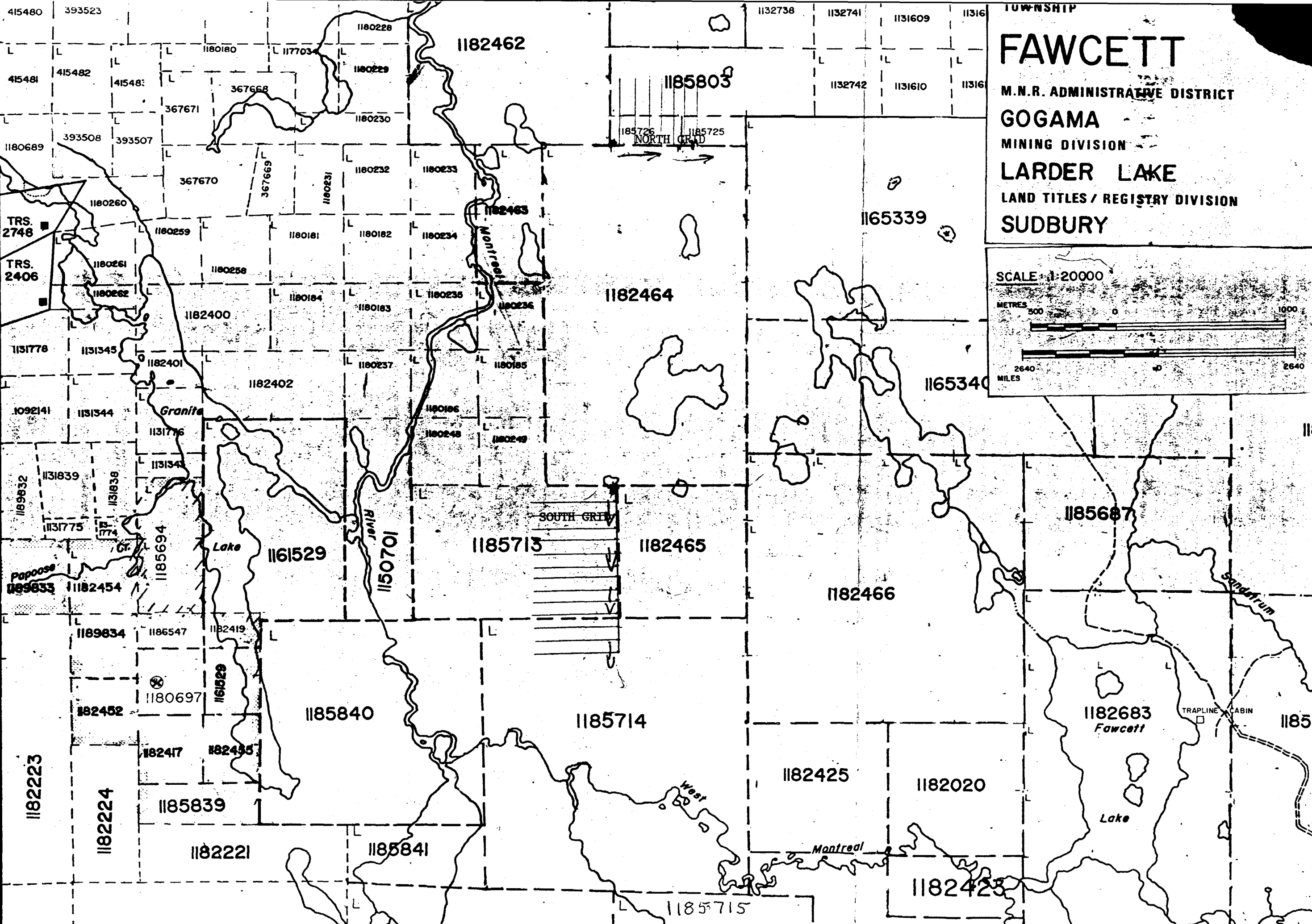
ASQUITH TOWNSHIP

TOWNSHIP

6 M

5 M

4 M



baseline (0.53km) and north-south lines (3.2km) at 75m centres. The grid was then surveyed using the Cutler NAA VLF station at 25m intervals as well as the proton magnetometer. This grid covered all of claim 1185726 and parts of 1185725 and 1185803.

The south grid, located 2km south of the north grid, was cut with a north-south baseline (.98km) and east-west lines (6.6km) at 75m centres. The grid was then surveyed by the proton magnetometer and the Annapolis NSS VLF station at 25m intervals. The VLF-EM results were then Fraser Filtered and contoured as well as the In Phase component profiles for both grids.

1) - NORTH GRID

A) Magnetometer Survey

The North Grid is dominated by a north-south to northwest trending magnetic body interpreted to be a possible sill or wide diabase dike. The anomaly is strongest at 4+00N - 2+50W, 2+75N - 3+75W and 0+75N - 3+75W. The true width is difficult to ascertain, but may be in excess of 25 meters.

An west-east to west northwest trending fault is interpreted to cut the intrusive at 2+00N. This fault is also indicated by a clear weak VLF anomaly.

The two west flanking magnetic lows may be in part a dipole effect caused by the intrusive.

B) VLF-EM Survey

The Cutler NAA (24.0 KHz) VLF station was read using a Phoenix VLF-II instrument. Six weak anomalies were delineated.

Anomalies **A**, **B**, and **F** are related and represent an east-west

trending fault which cuts the intrusive. The trend is strongest at **B** yet is still classified as weak to moderate, possibly with associated disseminated sulfide mineralization.

Anomaly **C** appears to represent a northwesterly trending strike fault or shear. This anomaly is again classified as weak.

Anomaly **D** is an isolated one-line anomaly, possibly open to the west. Further interpretation is made difficult by the lack of data to the west.

Anomaly **E** may represent a weak fault or shear cutting the intrusive. There does not appear to be a magnetic correlation and is also classified as a weak anomaly.

2) - SOUTH GRID

A) Magnetometer Survey

The South Grid is dominated by a north-south strong magnetic feature interpreted to represent a Matatchewan(?) diabase dike with a width of approximately 10-15 meters. Multiple dikes may be present, the secondary dikes showing intermittent high magnetics (Bulls-eyes) located on line 3+75S - 0+50W and 9+75S - 0+00.

The west portion of the grid is characterised by relatively flat magnetics caused by diorite of the Miramich Batholith. Magnetic depressions could be caused by variable amounts of ferrous minerals such as hornblende, an increase in quartz or alkali feldspar, or by later small felsic (ie porphyry) dikes and veins.

B) VLF-EM Survey

The Annapolis NAA station (24.1 KHz) was read using the Phoenix VLF-II instrument. Eight anomalies are indicated, all generally

stronger than those of the North Grid.

Anomaly **A** - Short single line weak anomaly, possibly related to anomaly B. It cuts both a slightly elevated magnetic anomaly as well as a sharp magnetic depression. It may represent a weakly mineralized shear zone.

Anomaly **B** - Short single line anomaly which may be an overburden response.

Anomaly **C** - This is a weak to moderate anomaly, strongest at 2+25S - 2+12W. It closely flanks the mafic intrusive and may represent a mineralized fault.

Anomaly **D** - Single line weak anomaly which faults the intrusive. It is weak, likely without mineralization.

Anomalies **E**, **F** and **H** - The three anomalies form parts of a northwesterly striking structure. Anomaly **F** is strongest on line 7+50S - 2+12W and **H** strongest on line 9+75S - 0+63W. Both of these may have associated disseminated sulfide mineralization. Anomaly **H** is also open to the south.

Anomaly **G** - This is a moderate strength anomaly striking northwest and open to the south. It is the strongest on either grid and requires additional investigation.

CONCLUSIONS AND RECOMMENDATIONS FOR FURTHER WORK

Anomalies **F**, **G**, and **H** are regarded as high priority for further work. The contact between the Miramich Batholith and the volcanic sequences may be represented by **E**, **F** and **H**. Anomaly **G** is the strongest on either the north or south grids and requires further investigation.

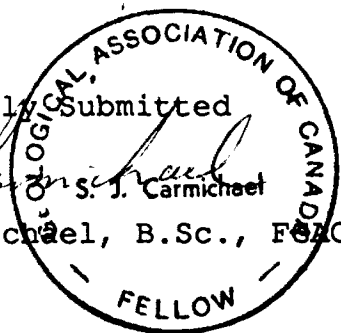
All of the anomalies on the North Grid are very weak, however, anomaly B should be investigated.

I would hesitate to recommend diamond drilling at this time. Traditional prospecting and/or geological mapping would aid in interpreting the geophysical surveys and better defining the magnetic as well as the EM anomalies. The Miramich Batholith-volcanic contact should be located on the south grid with a possible correlation of the EM anomalies.

Respectfully Submitted

S. J. Carmichael
S. J. Carmichael

S. J. Carmichael, B.Sc., F.G.C.



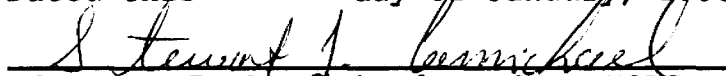
Appendix A

CERTIFICATE OF QUALIFICATIONS

I, Stewart J. Carmichael, of the Town of Kirkland Lake, in the District of Timiskaming, in the Province of Ontario, Canada, do hereby certify that:

- 1) I am a consulting geologist with address 42 Rand Avenue East Kirkland Lake, Ontario, P2N 1X1.
- 2) I am a graduate of McMaster University, Hamilton, Ontario, having received the degree of Bachelor of Science, Geology from the Faculty of Science in 1982. I have since practised in the field of mineral exploration continuously since graduation.
- 3) I am a Fellow of the Geological Association of Canada.
- 4) I have no direct interest, nor do I expect to receive any interest in the John Rapski claims.

Dated this 26 day of January, 1993


Stewart J. Carmichael, B.Sc., FGAC



Ontario



41P11SE8621 2.15035 FAWCETT

900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

~~Geoscience Approvals Section~~
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

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

Our File: 2.15035
Transaction #: W9380.00099

September 29, 1993

Mining Recorder
Ministry of Northern
Development and Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Madam:

**RE: APPROVAL OF ASSESSMENT WORK SUBMITTED FOR GEOPHYSICS
ON MINING CLAIMS L1185713 ET AL IN FAWCETT TOWNSHIP**

A Notice of Deficiency was not issued on this Report of Work prior to the 90 day deemed approval date and as outlined in subsection 6(5) of the Mining Act Regulations this Report of Work is deemed approved as of AUGUST 09, 1993. The Assessment credits are as listed on the original submission.

Please indicate this approval on your records.

If you require further information please contact Lucille Jerome at (705) 670-5855.

Yours sincerely,

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

LJ/dm

cc: Resident Geologist
Cobalt, Ontario

Assessment Files Library ✓
Toronto, Ontario

Report of Work Conducted After Recording Claim
Mining Act

Transaction Number
W9380.00099

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 6A5, telephone (705) 670-7264.

2.15035

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

OFFICE 416 368 4411

Recorded Holder(s) JOHN P. RAPSKI		Client No. 185903
Address 404-2649 BLOOR ST. W TORONTO ONT. M8X1A3		Telephone No. 2360063
Mining Division LARDER LAKE	Township/Area FAWCETT. TWP.	M or G Plan No. G971
Dates Work Performed From: SEPT. 5/92 OCT. 10/92	To: SEPT. 13/92 OCT 18/92	@

Confirmed by John Rapski on telephone May 18/93.

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	GEOPHYSICAL - MAG & VLFEM RECEIVED
Physical Work, including Drilling	
Rehabilitation	MAY 21 1993
Other Authorized Work	MINING LANDS BRANCH
Assays	
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ **9025**

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
JOHN RAPSKI	404-2649 BLOOR ST. W. ETOBICOKE ONT. M8X1A3
JIM FORBES	Box 821 KIRKLAND LAKE ONT. P2N 3K4
PATRICK HARRINGTON	17 FOSS LANE KIRKLAND LAKE ONT. P2N 1L8
STEWART DARMICHAEL <small>AUTHOR REPORT</small>	P.O. Box 271 SWASTIKA, ONT. P0K 1T0

(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 March 25/93	Recorded Holder or Agent (Signature) <i>John Rapski</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
JOHN RAPSKI 404-2649 BLOOR ST. W TORONTO ONT M8X1A3

Telephone No. 2360063	Date March 25/93	Certified By (Signature) <i>John Rapski</i>
---------------------------------	----------------------------	--

For Office Use Only

Total Value Cr. Recorded \$9025	Date Recorded May 10, 1993	Mining Recorder <i>[Signature]</i>	Received Starting LARDER LAKE MINING DIVISION MAY 10 1993
	Deemed Approval Date August 25, 1993	Date Approved	TIME 11 AM
	Date Notice for Amendments Sent		



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

W9380.00099

2.15035

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^e 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'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type 11/4" MAG + VLF	3850	
	11/4" LINE CUT + CHAIN	3300	
	REPORT & MAPS	535	7685
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type MAG + VLF RENTAL	300	
Total Direct Costs Total des coûts directs			300 7985

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 CAR RENTAL	460	
	GAS	260	
Sub Total of Indirect Costs Total partiel des coûts indirects			720
Food and Lodging Nourriture et hébergement		320	320
Mobilization and Demobilization Mobilisation et démobilisation			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			1040
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)			9025
Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			9025

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.

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.

RECEIVED
MAY 21 1993

Filing Discounts

MINING LANDS BRANCH
Remises pour dépôt

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:

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.

Total Value of Assessment Credit	Total Assessment Claimed
	× 0.50 =

Valeur totale du crédit d'évaluation	Evaluation totale demandée
	× 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.

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.

that as RECORDED HOLDER I am authorized
(Recorded Holder, Agent, Position in Company)

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

to make this certification

à faire cette attestation.

Signature John Kapski Date March 25/93

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

Description	Order No.	Date	Disposition	File
M.R.O. - MINING RIGHTS ONLY				
S.R.O. - SURFACE RIGHTS ONLY				
M.+S. - MINING AND SURFACE RIGHTS				
SEC. 36/80	W-12-90 NR	APR. 3/90	M + S	
SEC. 36/80	W-13-90	APR. 3/90	M + S	
O-12-90 NR	OPENS W-13-90 ON JULY 9 1990			

Part of order W-12-90 NR reopened by order O-NT-07/92 NR/CR dated March 23 1992 at 8:45 am E.S.T. This Order comes into effect of 7:00 AM E.S.T. on JUNE 1, 1992.

NOTES

NOTICE OF FORESTRY ACTIVITY
THIS TOWNSHIP/AREA FALLS WITHIN THE SHINGLETREE MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT:
P.O. BOX 129 LOW AVENUE
GOGAMA - ONTARIO
POM - IWO
705-894-2000

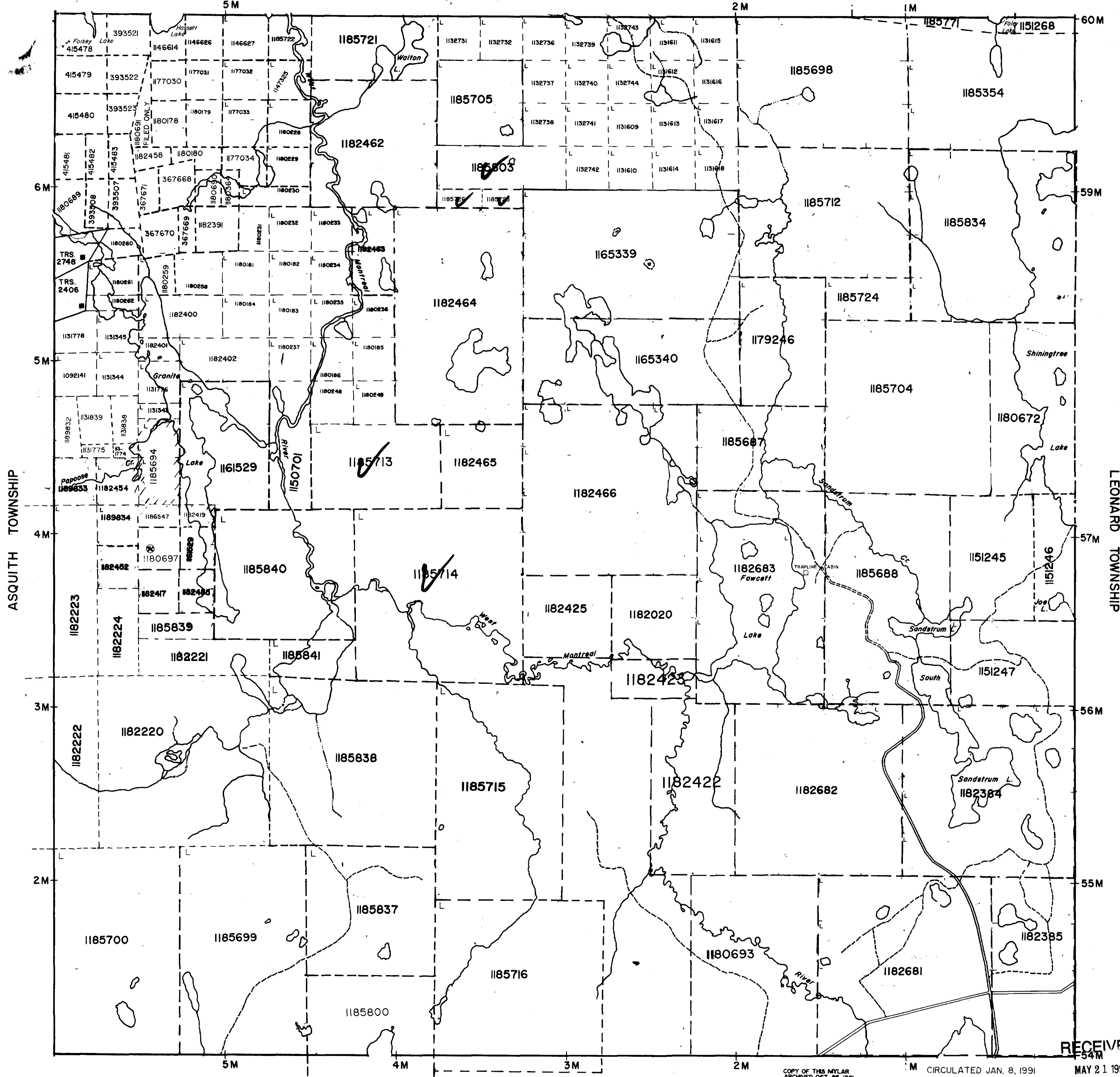
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE



200

MACMURCHY TOWNSHIP

GEOLOGY REFERENCE-COBALT
RESIDENT GEO.

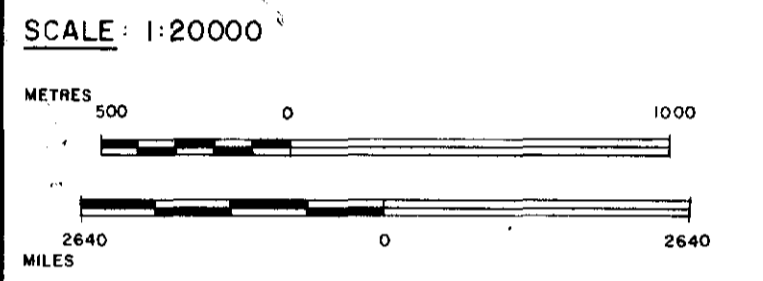


LEGEND

HIGHWAY AND ROUTE NO.	
OTHER ROADS	
TRAILS	
SURVEYED LINES:	
TOWNSHIPS, BASE LINES, ETC.	
LOTS, MINING CLAIMS, PARCELS, ETC.	
UNSURVEYED LINES:	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC.	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON-PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH OR MUSKEG	
MINES	
RAVERSE MONUMENT	

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	



400' RESERVATION AROUND ALL LAKES AND RIVERS

2.15035

DATE OF ISSUE
MAY 11 1993
LARDER LAKE
MINING RECORDERS OFFICE

TOWNSHIP
FAWCETT
M.N.R. ADMINISTRATIVE DISTRICT
GOGAMA
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
SUDBURY

Ministry of Natural Resources Ontario
Ministry of Northern Development and Mines

Date JAN 8 1991
Number
G-971

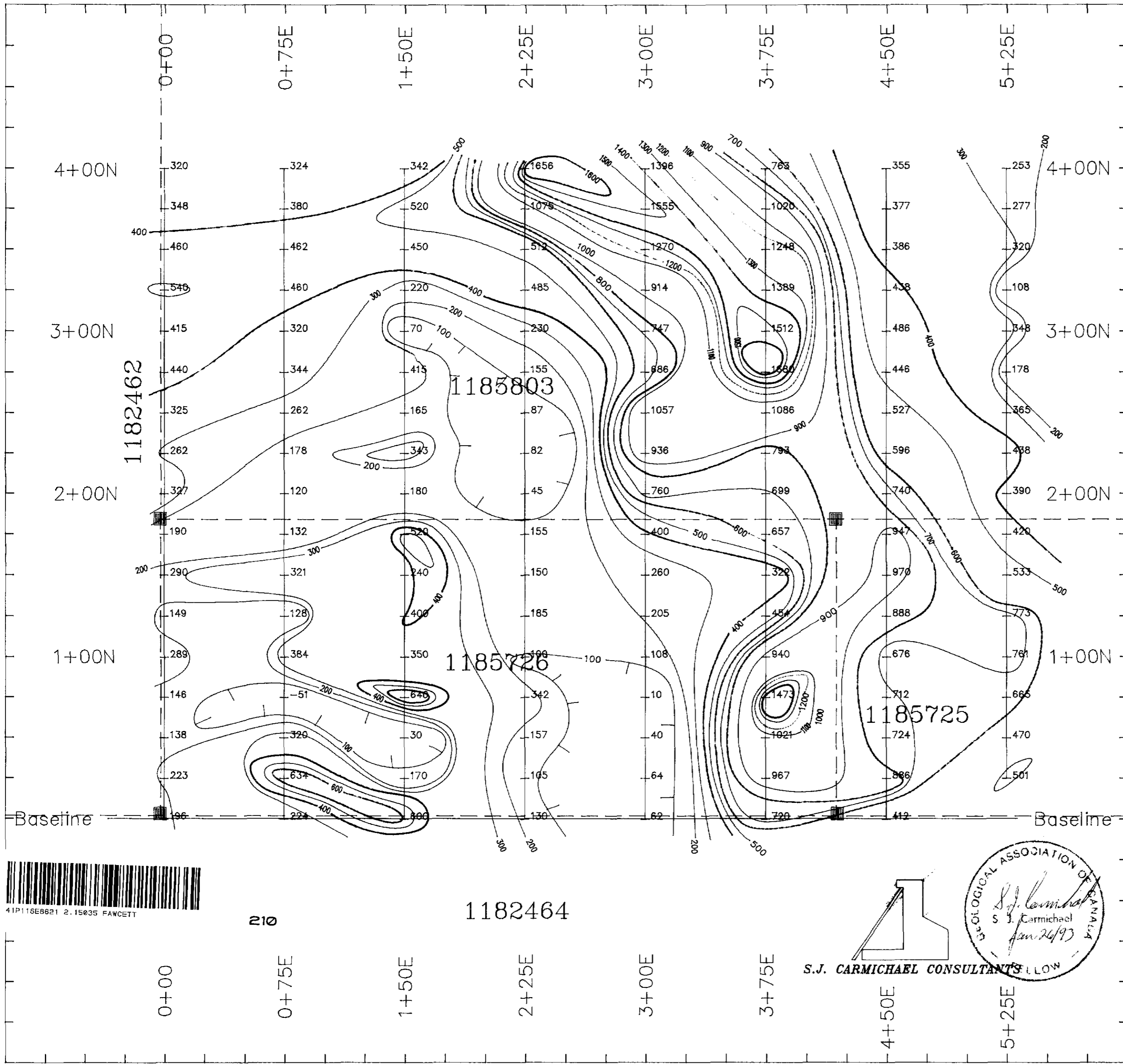
RECEIVED
MAY 21 1993
MINING LANDS BRANCH
CIRCULATED JAN. 8, 1991
MAY 21 1993
COPY OF THIS MYLAR ARCHIVED OCT. 25, 1991
COPY OF THIS MYLAR ARCHIVED SEPT 23, 1991

OGILVIE TOWNSHIP

5-971

FAWCETT TWP

G-971



ASTRONOMIC NORTH



DECLINATION 9'30"W

LEGEND

INSTRUMENT: GEOMETRICS G-826 PROTON
 PRECISION MAGNETOMETER
 SURVEY BY: J. FORBES
 CONYOUR INTERVAL: 100 NANO TESLAS

- 1600 NT
- 1400 NT
- 1200 NT
- 1000 NT
- 800 NT
- 600 NT
- 400 NT
- MAGNETIC DEPRESSION

ADD 58,000 NANO TESLAS TO EACH STATION

SCALE: 1:2000



METRES

FAWCETT TWP. PROSPECT

NORTH GRID 15035

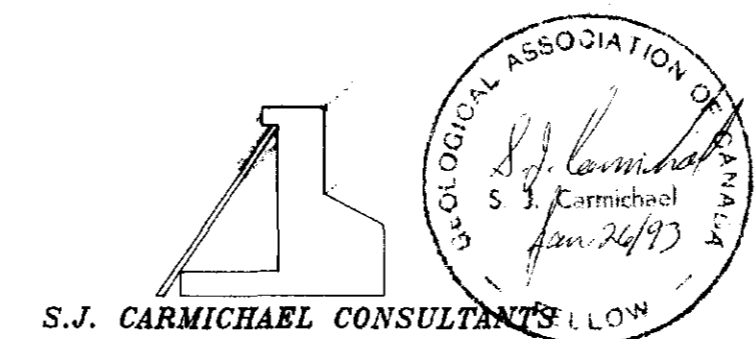
MAGNETOMETER SURVEY

FAWCETT TOWNSHIP
 DISTRICT OF SUDBURY, ONT.
 LARDER LAKE MINING DIVISION



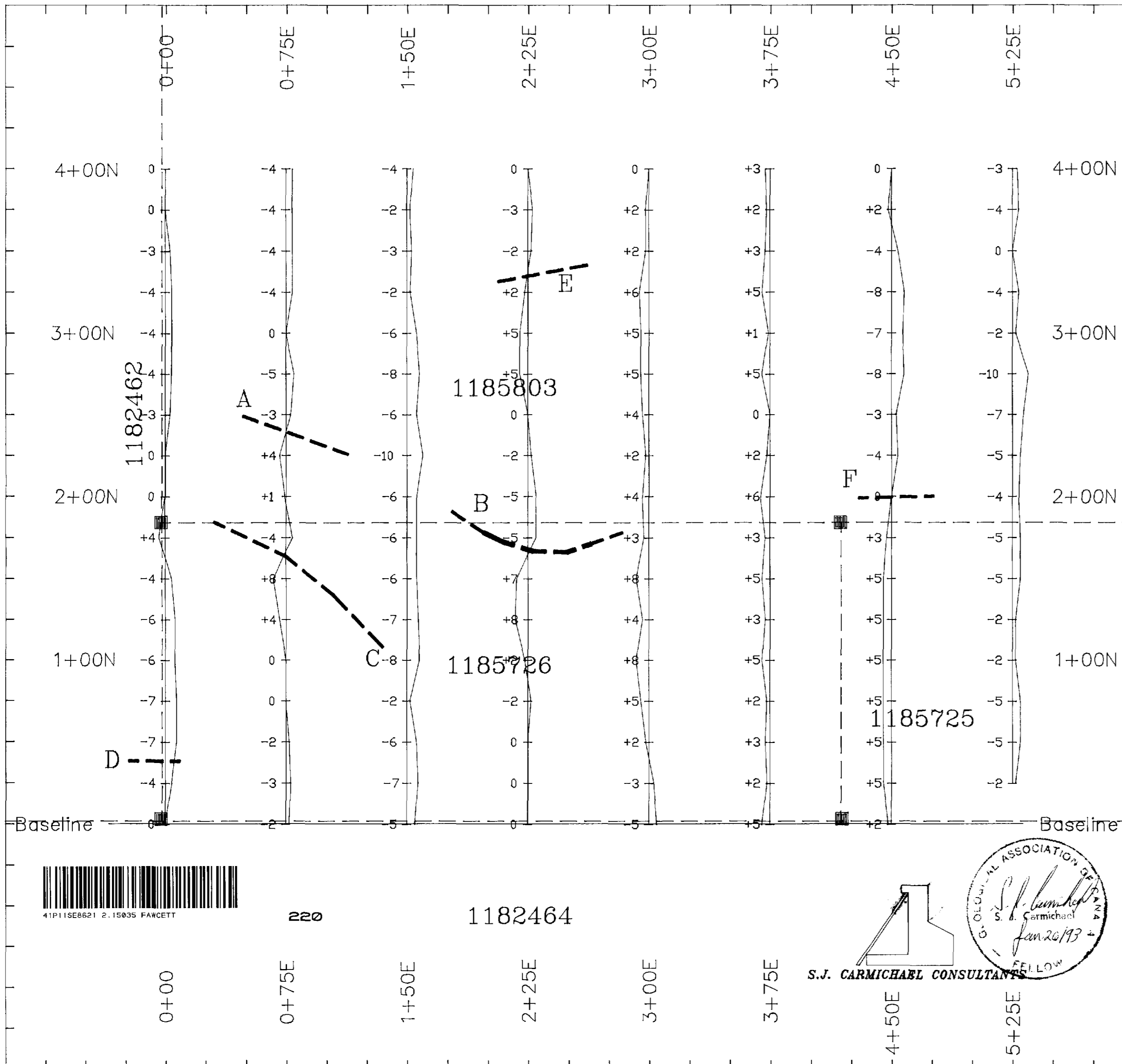
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1182464

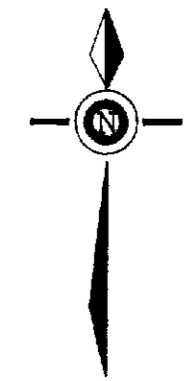


S.J. CARMICHAEL CONSULTANTS

NTS: 41 P/11	SCALE: 1:2000 METRIC	REVISED: DATE: JANUARY, 1993
PROJECT No.	DRAWN BY: S.J.C.	DRAWING No.



ASTRONOMIC NORTH



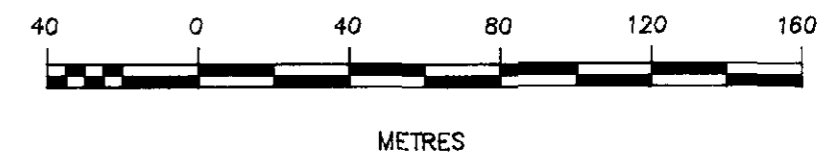
DECLINATION 9°30'W

LEGEND

INSTRUMENT: PHOENIX VLF-II
 SURVEY BY: J. FORBES
 STATION: CUTLER, MAINE. 24.0 KHZ
 OPERATOR FACING EAST
 NORTH DIP +
 SOUTH DIP -
 PROFILE SCALE: 1cm=20% IN PHASE

F --- --- AXIS OF ANOMALY (WEAK, MODERATE)

SCALE: 1:2000



FAWCETT TWP. PROSPECT

NORTH GRID

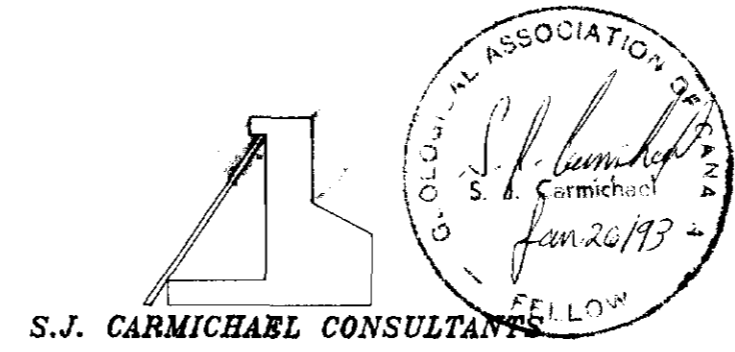
VLF-EM SURVEY
 PROFILED DATA
 CUTLER, MAINE, 14.0 KHZ

FAWCETT TOWNSHIP
 DISTRICT OF SUDBURY, ONT.
 LARDER LAKE MINING DIVISION



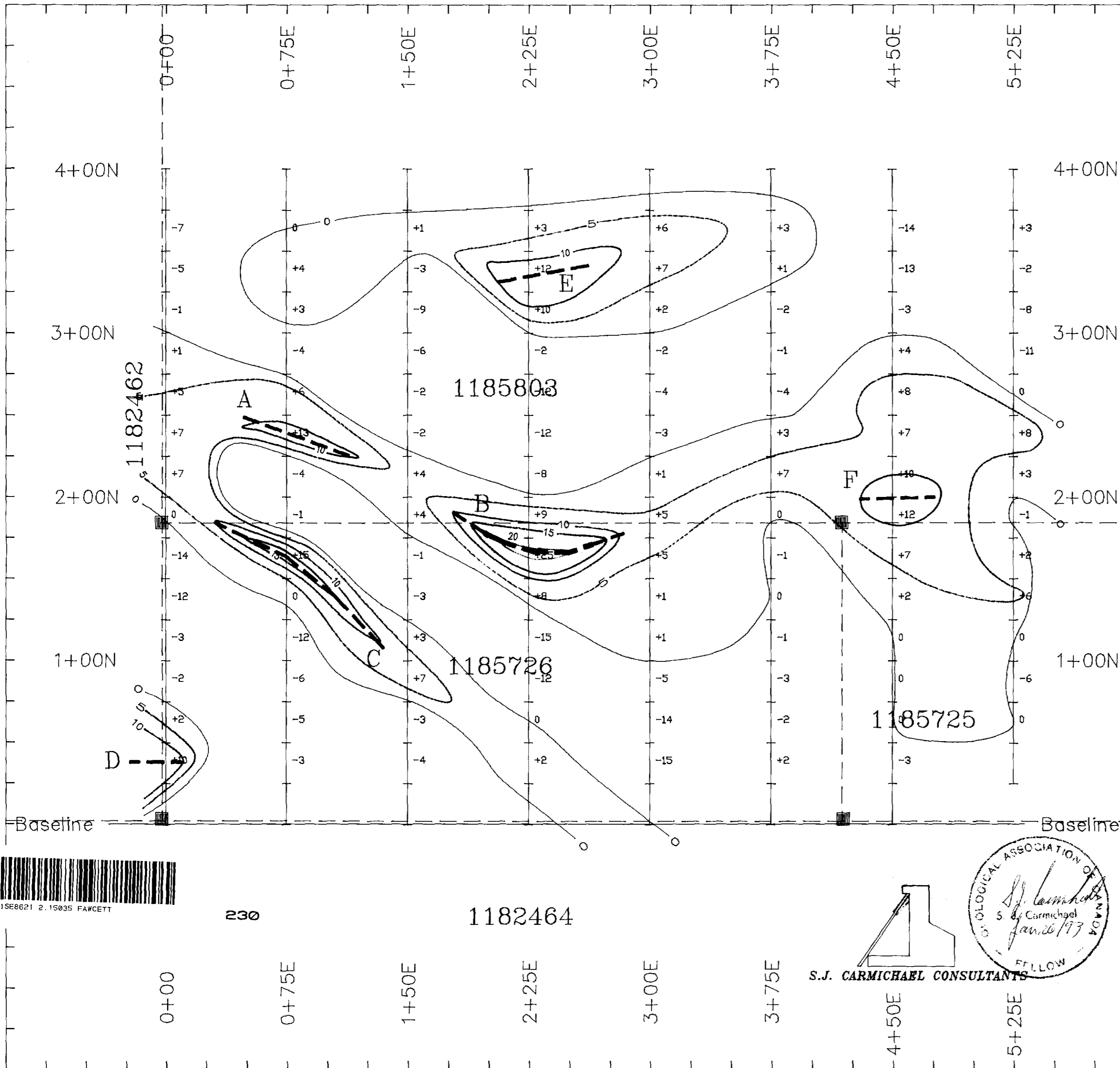
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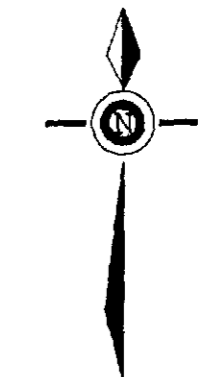


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NTS: 41 P/11	SCALE: 1:2000 METRIC	REVISED: DATE: JANUARY, 1993
PROJECT No.	DRAWN BY: S.J.C.	DRAWING No.



ASTRONOMIC NORTH

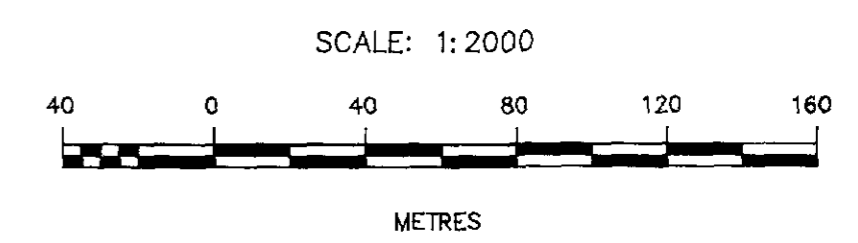


DECLINATION 9°30'W

LEGEND

INSTRUMENT: PHOENIX VLF-II
 SURVEY BY: J. FORBES
 STATION: CUTLER, MAINE, 24.0 KHZ
 OPERATOR FACING EAST
 NORTH DIP +
 SOUTH DIP -
 CONTOUR INTERVAL = 5 UNITS I.P.

- 5
- 10
- 15
- 20
- 25
- F** --- --- AXIS OF ANOMALY (WEAK, MODERATE)



FAWCETT TWP. PROSPECT

NORTH GRID

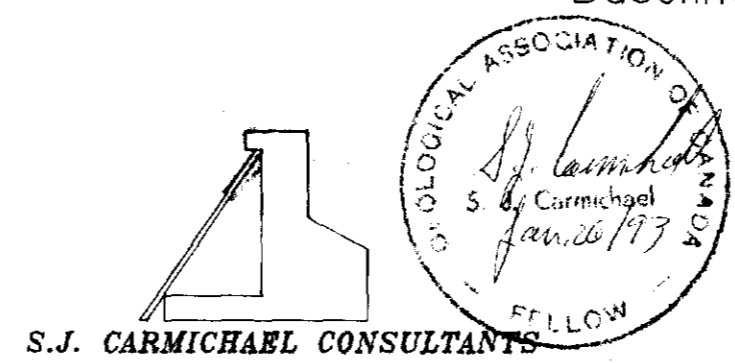
VLF-EM SURVEY
 FRASER FILTER DATA
 CUTLER, MIANE, 24.0 KHZ

FAWCETT TOWNSHIP
 DISTRICT OF SUDBURY, ONT.
 LARDER LAKE MINING DIVISION



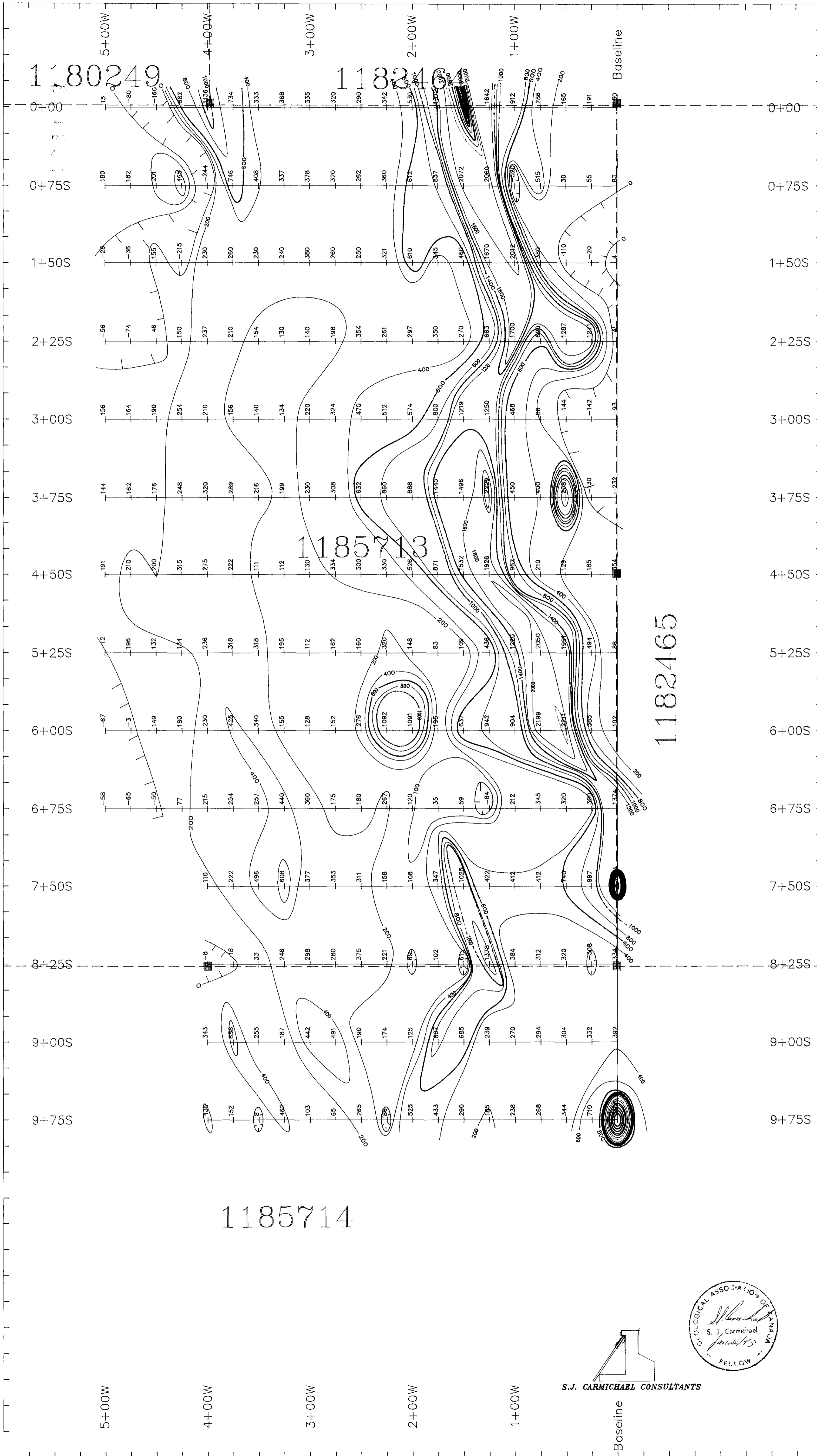
230

1182464



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NTS: 41 P/11	SCALE: 1:2000 METRIC	REVISED: DATE: JANUARY, 1993
PROJECT No.	DRAWN BY: S.J.C.	DRAWING No.



ASTRONOMIC NORTH



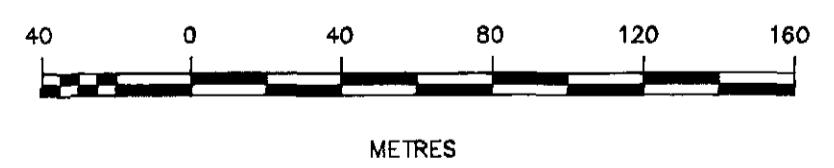
DECLINATION 9°30'W

LEGEND

INSTRUMENT: GEOMETRICS G-826 PROTON
PRECISION MAGNETOMETER
OPERATOR: J. FORBES
CONTOUR INTERVAL = 200 NANO TESLAS

- 3000+ NT
- 2600 NT
- 2200 NT
- 1800 NT
- 1400 NT
- 1000 NT
- 600 NT
- MAGNETIC DEPRESSION
ADD 58,000 NT TO EACH STATION

SCALE: 1:2000



FAWCETT TWP. PROSPECT

SOUTH GRID

MAGNETOMETER SURVEY

FAWCETT TOWNSHIP
DISTRICT OF SUDBURY, ONT.
LARDER LAKE MINING DIVISION

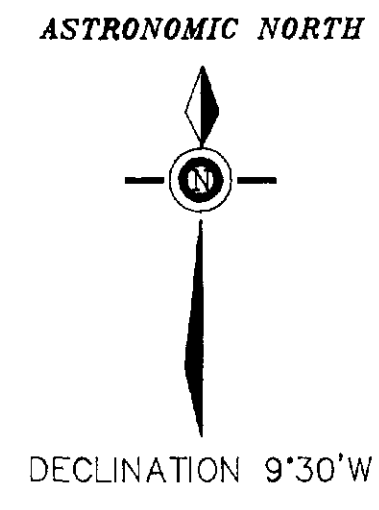
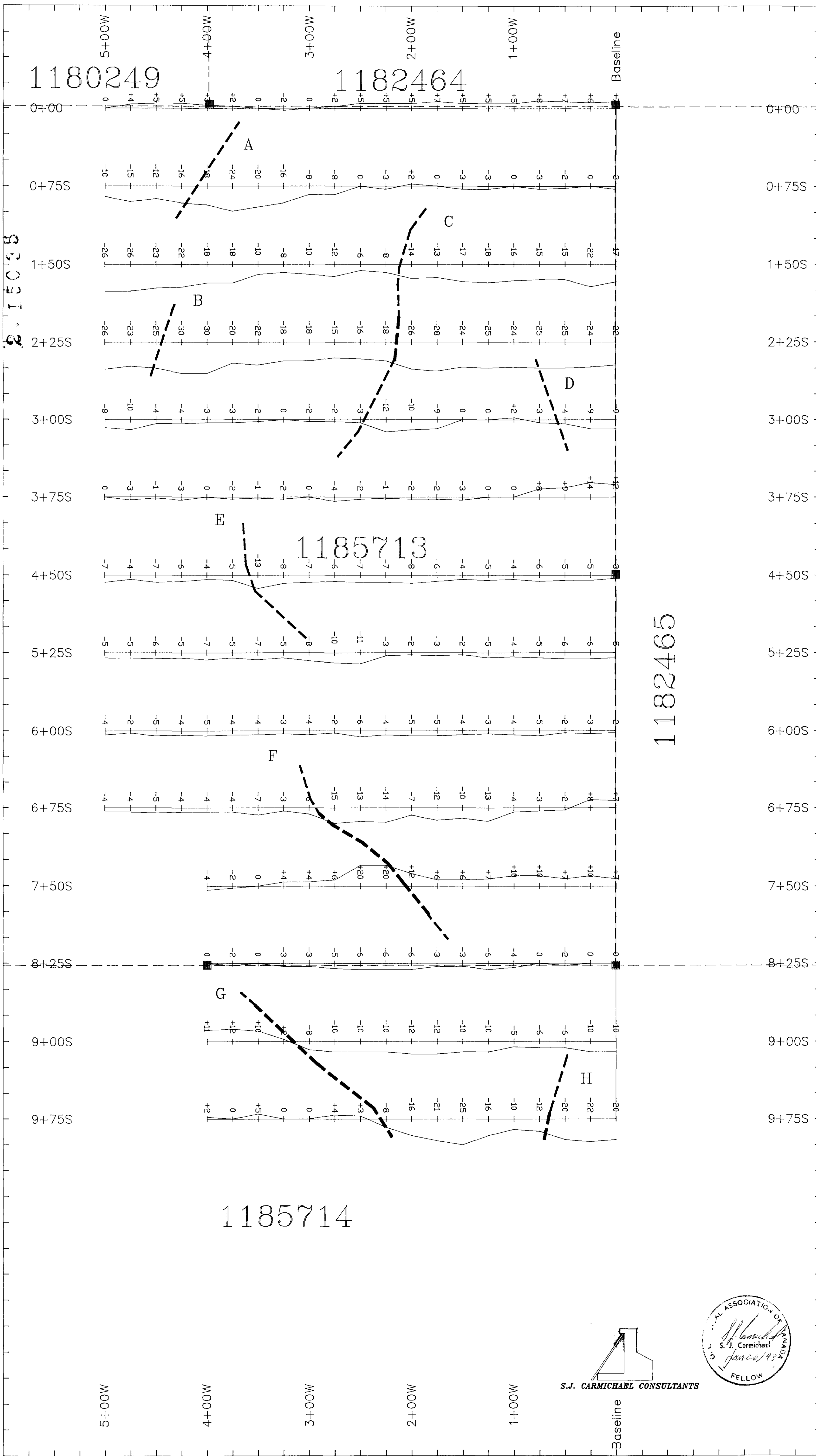


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NTS: 41 P/11	SCALE: 1:2000 METRIC	REVISED:
PROJECT No.	DRAWN BY: S.J.C.	DATE: JANUARY, 1993
		DRAWING No.



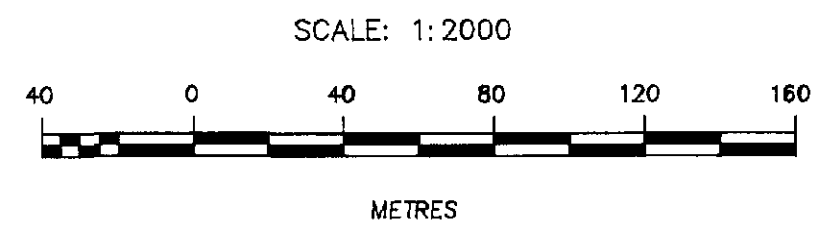
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LEGEND

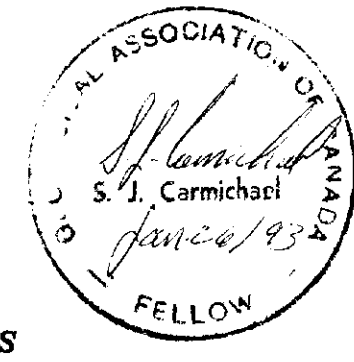
INSTRUMENT: PHOENIX VLF-II
 SURVEY BY: J. FORBES
 OPERATOR FACING NORTH
 STATION: ANNAPOLIS, MY., 21.4 KHz
 EAST DIP +
 WEST DIP -
 PROFILE SCALE: 1cm=20% I.P.

F - - - - - AXIS OF ANOMALY (WEAK, STRONG)



FAWCETT TWP. PROSPECT

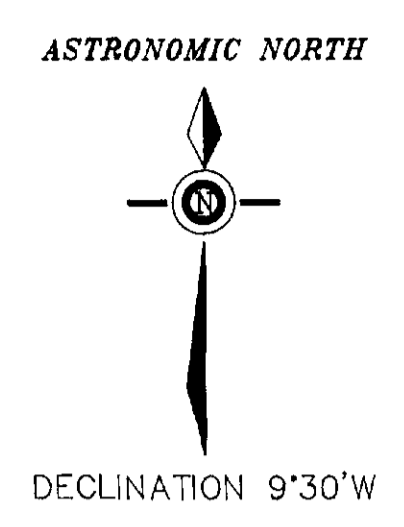
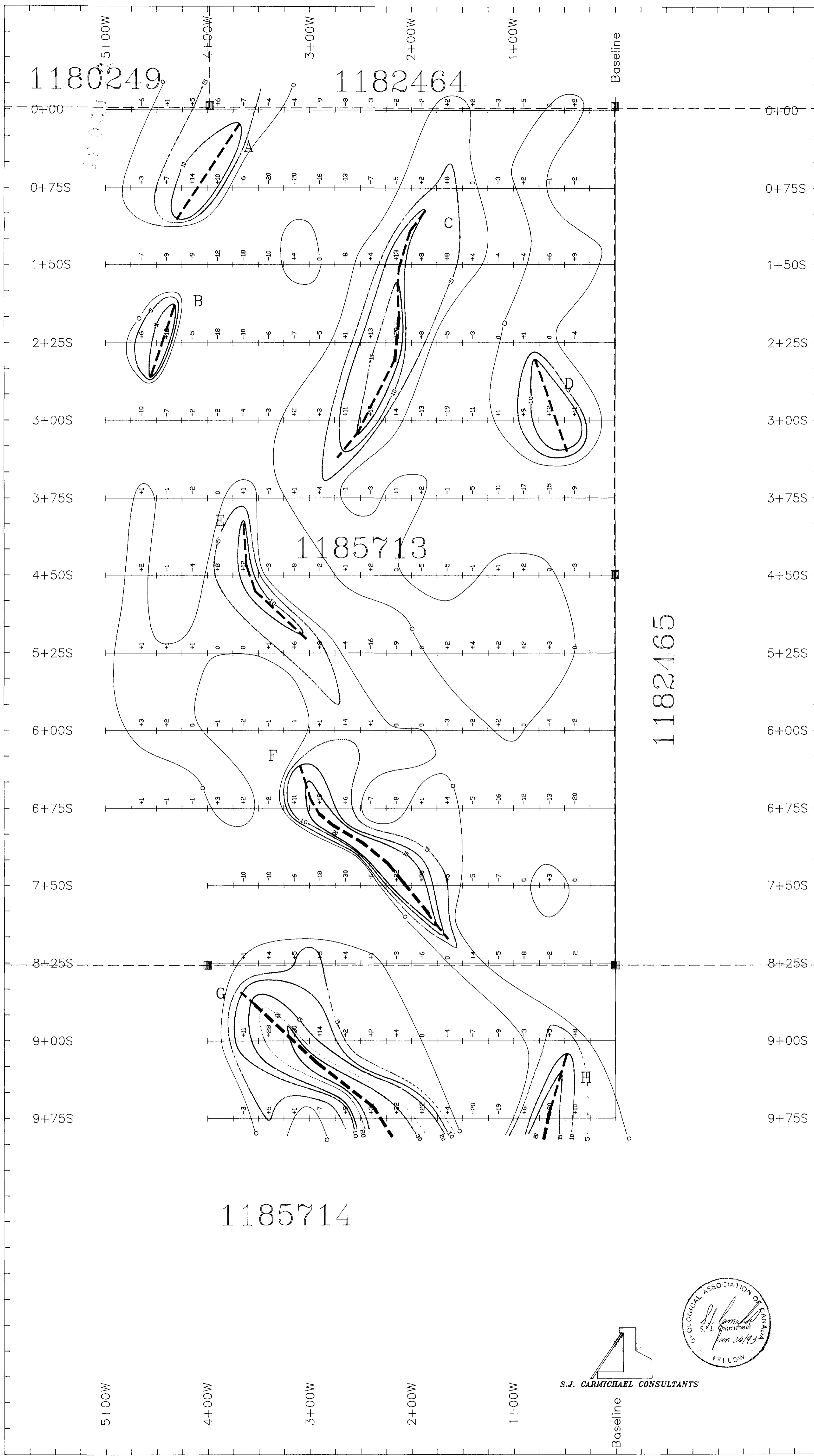
SOUTH GRID
 VLF-EM SURVEY
 PROFILED DATA
 ANNAPOLIS, MY., 21.4 KHz
 FAWCETT TOWNSHIP
 DISTRICT OF SUDBURY, ONT.
 LARDER LAKE MINING DIVISION



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NTS: 41 P/11	SCALE: 1:2000 METRIC	REVISED: DATE: JANUARY, 1993
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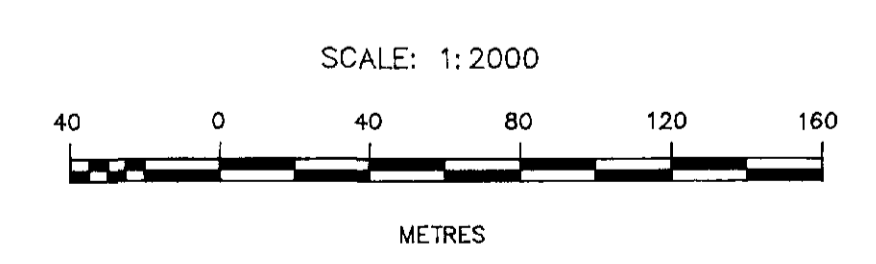




LEGEND

INSTRUMENT: PHOENIX VLF-II
 SURVEY BY: J. FORBES
 OPERATOR FACING NORTH
 STATION: ANNAPOLIS, MY. 21.4 KHZ
 EAST DIP +
 WEST DIP -

- 5
- 10
- 15
- 20
- 25
- 30
- AXIS OF ANOMALY (WEAK, MODERATE)



FAWCETT TWP. PROSPECT

SOUTH GRID

VLF-EM SURVEY
 FRASER FILTER DATA
 ANNAPOLIS, MY., 21.4 KHZ

FAWCETT TOWNSHIP
 DISTRICT OF SUDBURY, ONT.
 LARDER LAKE MINING DIVISION



S.J. CARMICHAEL CONSULTANTS

NTS: 41 P/11	SCALE: 1:2000 METRIC	REVISED: DATE: JANUARY, 1993
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