010

2.13038

GEOPHYSICAL REPORT

Claims L-1012961,1012962,1046165
1046166 and 1047203

Bryce Township, Ontario

January 10 1990

by

R H Spooner P/Eng
Member Engineering Institute Canada

INTRODUCTION

This report concerns two VLF-EM surveys carried out in November 1989 by Gary Dunn.One survey covers parts of claims L1046165,1046166, 1012961 and 1012962 and includes some overlap of a previous survey (December 1988). The other survey covers much of claim L1047203. Cut grids were established for the surveys.

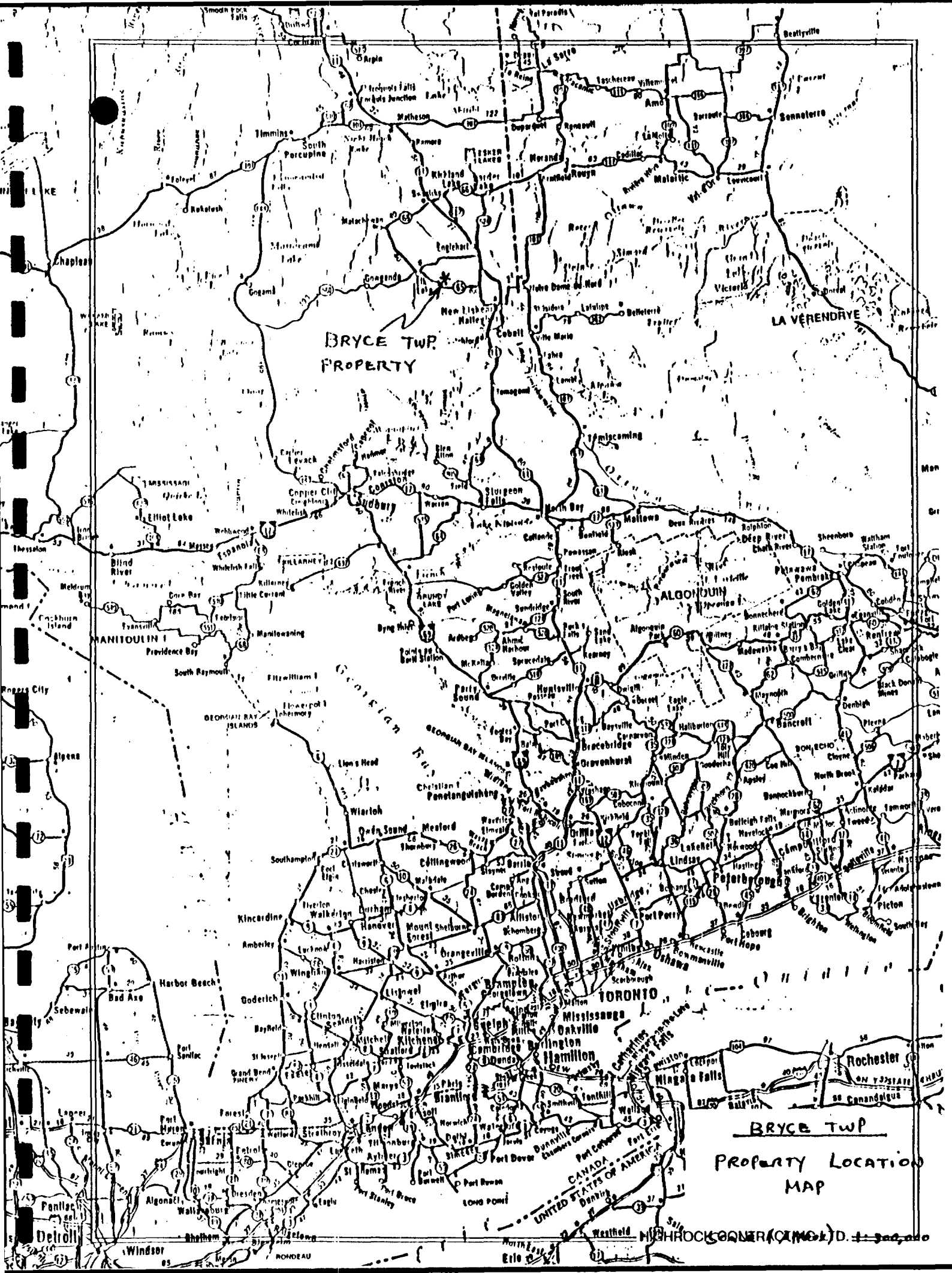
The relevant technical and logistical data is tabulated below:

Operator: Gary C Dunn
Box 995 La Ronge Sask. SOJ ILO
Instrument: Geonics EM-16
Sensitivity: In-phase ± 150%
Quadrature ± 40%
Resolution: ± 1%
Transmitter Station: NAA Cutler Maine; 24.0 khz
Kilometers Surveyed: L 1046165 = 2.45km(1.53mi)
1046166 = 2.48km(1.55mi)
1012961 = 0.90km(0.56mi)
1012962 = 0.75km(0.47mi)
1047203 = 2.43km(1.52mi)

Total 9.01km(5.63mi)

Line Spacing: 50 m
Reading Interval: 20m
Survey Dates: October 31 to November 5, 1989

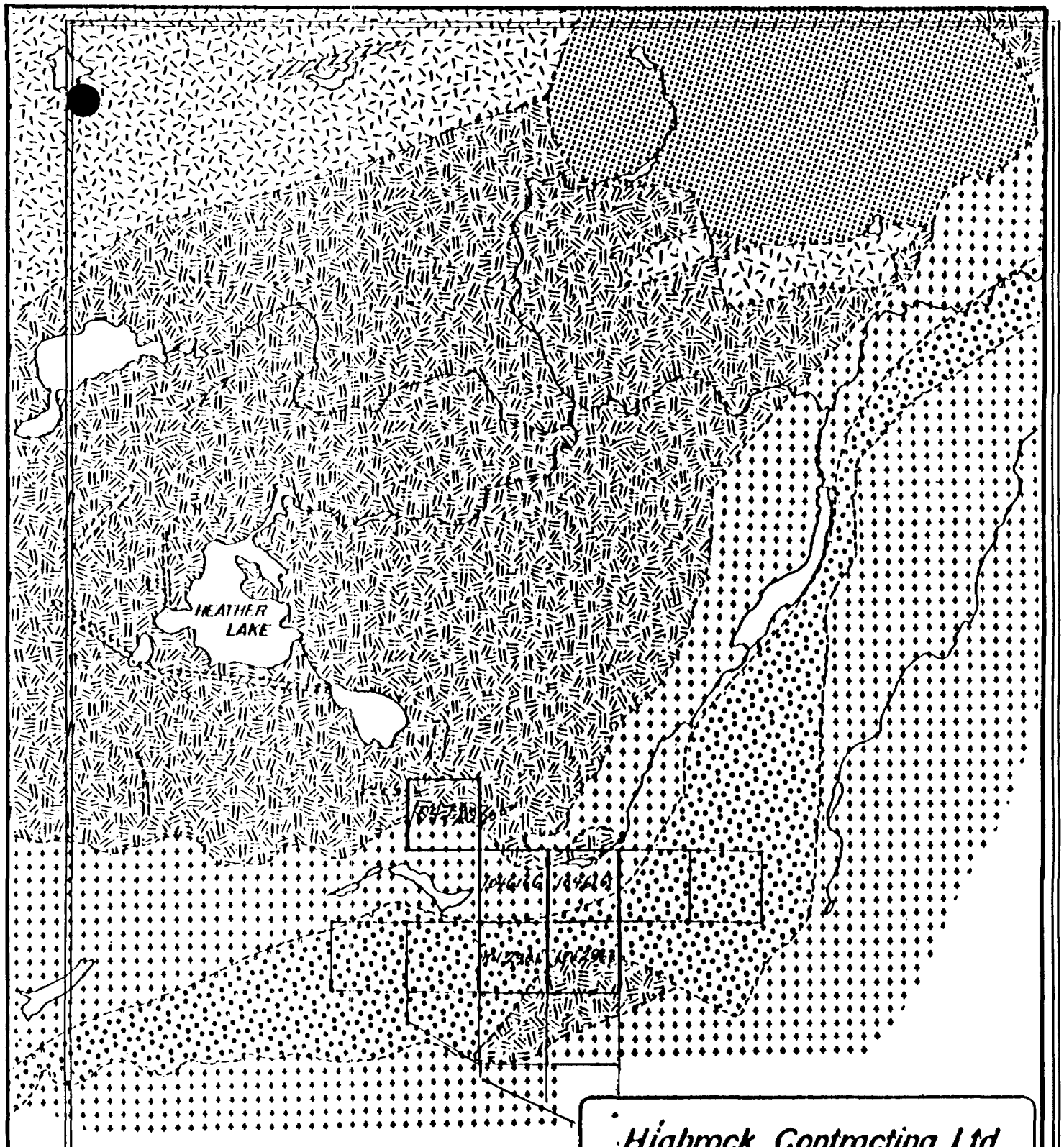
All survey lines are oriented north-south, and all readings were taken facing north.



BRYCE TWP

PROPERTY LOCATION MAP

HIGHROCK GARNET (CANADA) LTD.



LEGEND

- MAFIC VOLCANICS
- FELSIC VOLCANICS
- METAMORPHOSED MAFIC INTRUSIVE ROCKS
- METAMORPHOSED FELSIC TO INTERMEDIATE ROCKS
- UNMETAMORPHOSED MAFIC INTRUSIVE ROCKS
- GOWGANDA FORMATION
- NIPISSING DIABASE
- CLAIMS SURVEYED (EM-16)
- CLAIM GROUP HELD BY R. SPOONER

Highrock Contracting Ltd.

BRYCE TOWNSHIP CLAIMS GEOLOGY

Scale By:

Compiled by: ONT. GEOLOGICAL SURV. /85
Drafted by: PRO-TECH DRAFTING /08/88
N.T.S.: SCALE: 1" = 1 mile
Disposition(s):

Dwg. No.:

HIGHROCK CONTRACTING LTD.

RESULTS

A series of weak east-west striking conductors has been outlined by the survey, confirming other data collected from an earlier survey. The conductor responses are consistent with structurally-induced phenomena such as shearing. It is known from previous work that north-northwest striking shears are also present, however under the grid orientation chosen for this survey, these did not show up geophysically.

The larger survey, on L1012961,1012962,1046165 and 1046166 had it's southern limit at an outcropping hill of Nipissing Diabase, which is not considered a prospective host rock for gold mineralization.

The smaller survey, on L1047203, shows a couple of very tenuous east-west responses, probably shears. The known occurence, the No.1 Post Zone, has a northwest-trending shear direction, and it is possible that the predominant shear sense in this area is northwesterly, in which case this grid orienation was not optimum.

PROPERTY LOCATION AND ACCESS

The 5 claims are located within Bryce Township, south 1/2 Lot 9 concession 11, and can be reached by driving from New Liskeard, Ontario towards Elk Lake, on highway 65. At Osseo, a grid road is taken north and then west to its end in a field, approximately four miles. From the northwest end of this field, an old logging road trail runs to Pike Lake. The claims straddle this trail as well as a newer logging road which passes through the claim group and can be driven by 4X4.

These 5 claims are part of a 14 claim group presently held by Rod Spooner of La Ronge Saskatchewan.

REVIEW

The property is underlain by distal felsic volcanics, conglomerates, and Nipissing Diabase. Minor feldspar porphyry has been noted on the property also. Three previously unreported trenches were discovered, which expose shearing and related quartz veins. Two pits are about two meters apart and are about 1.5 meters deep. The third pit is off-strike, about 50 meters south of the northern two pits, and exposes a vein/shear abutting a feldspar porphyry dike.

During April 25 to 30, 1989, the author and several assistants including G. Dunn carried out overburden stripping and sampling in the area of these old pits which have been named the "GD Zone". The occurrences are in sheared tuffs, the shear sense being either east-west or northwest. The shears are present in a series of parallel trends which are clearly detected in VLF-EM surveys done over the vicinity. 0.05 oz/Ton Au was detected in grab samples.

Further to the south on claim 1012972 a series of old unreported trenches occur along a northwesterly trending structure. Very little work has been done to date in this area, however grab samples from the pyritic quartz stockwork assay to 0.229 oz/Ton Au with a 4 foot channel sample returning 0.1 oz/Ton Au.

Near the No.1 Post of claim 1047203, old trenches have been found. Assays of 0.05 oz/Ton Au in fuchsite-bearing,sheared pyroclastics are present.

RESULTS

A series of parallel to subparallel conductive trends have been located and labelled on the accompanying maps.Anomalies A,B,C,D and E occur on EM Map 1, while anomalies F,G,and H are showing on EM Map 2. As shown on the Compilation Map, the series of shears delineated by the surveys has significant strike length and may underlie the entire 5 claim width of the Bryce Property.

Anomaly A: Location 3+20S from line 2+00E to 5+00E.This is a weak conductor traced for 300 meters.Parts of the trend were exposed in April 1989's overburden stripping program at the "GD"zone.The shear varies up to a few meters wide with only minor quartz veining exposed.Chalcopyrite and pyrite is sparsely present, and best assays yield 0.05 oz/ton Au.A curve at it's east end may be caused by northwest-trending cross-faulting.

Anomaly B: Location 3+90S from line 5+50E to 7+00E.Again a weak conductor with positive quadrature, probably representing shearing, is traceable for 200 meters or so.The earlier survey suggested that B may be the offset continuation of A, however this apparent break seems to show up along strike to the southwest, geophysically indicated for at least 120 meters in this direction and open to the northwest.

Anomaly C: Location 4+50S line 4+00E to 6+50E. This is a fainter,tenuous zone whose response has been masked by a stronger conductor (D) about 80 to 100 meters to the south.Anomaly C actually seems to be truncated at it's mid-point, on strike with the apparent break between A and B.There is however no offset of C.

Anomaly D: Location between 6+40S and 5+40S from 1+00E to 7+50E.This conductor exhibits the sharpest In-Phase response of the survey, but the values still are negative.The weak positive quadrature suggests this anomaly,too,is derived from a shear zone.At the extreme eastern limit of the anomaly, In-Phase becomes positive while quadrature drops to lower positive values, possibly indicating a strengthening conductor or shallower overburden.

Anomaly E: Location 6+80S from line 1+00E to 3+50E.This is similar to the other anomalies in that it is fairly consistent, weak, with no actual cross-over, and positive quadrature.This anomaly is also probably shear-derived.It occurs within 50 meters of the diabase dyke.

On EM-Map 2 three very faint but persistent responses trending east to east-southeast have been discerned.No actual In-Phase cross-overs are present and Out- of- Phase is fairly flat.All readings are of low magnitude .The interpretation here is rather tentative.Previous geological investigation indicates that the only known showing near here is the Number 1 Post Zone which is related to northwest striking shearing.

Anomaly F: Location 1+10N from line 2+50W to 0+50W.This anomaly possibly is related to shearing.It is a very feeble trend that seems to persist for some distance.

Anomaly G: Location between 1+20N and 0+20N from line 1+50W to 3+50W.This is an east-southeast striking anomaly exhibiting low conductance.It has in it's central portion a negative quadrature indicating a

strengthening of conductivity around line 2+50W.

Anomaly H: Location 0+40S from line 1+50W to 3+00W.This is the least obvious of any of the anomalies.There is a very small positive In-Phase with a correspondingly weak Out-of-Phase negative on lines 1+50W and 2+00W.This conductor may be associated with a zone of shearing.

1 The EM-16 survey indicates that a series of weakly conductive, roughly east-trending, sub-parallel shear zones underlies the survey area and probably extends both to the east and west of the survey's boundaries.

2 The shears appear to be roughly aligned with the contact of the diabase dyke intrusive complex. Those conductors closer to the dyke seem to be better developed than those further away.

3 Conductors in the northern claim,L-1047203 are very tenuous.This could be due to several factors, one of which is a change in predominant shear orientation to northwesterly.In this event, the survey is oriented incorrectly.

CONCLUSIONS

1 The EM-16 survey indicates that a series of weakly conductive, roughly east-trending, sub-parallel shear zones underlies the survey area and probably extends both to the east and west of the survey's boundaries.

2 The shears appear to be roughly aligned with the contact of the diabase dyke intrusive complex. Those conductors closer to the dyke seem to be better developed than those further away.

3 Conductors in the northern claim,L-1047203 are very tenuous.This could be due to several factors, one of which is a change in predominant shear orientation to northwesterly.In this event, the survey is oriented incorrectly.

RECOMMENDATIONS

1 Ground checking of the conductors is warranted.This may include prospecting, geochemical sampling, overburden stripping, and geological mapping.

2 If budgeting considerations allow, a grid oriented such that baselines run northwest, should be established and surveyed by EM-16. The existing grid depicted on EM map 1 should be extended to cover the possible eastward and westward extensions of the conductors.

3 A grid should be established over the DU zone, covering claims 1012972,1012973,1013275 and 1013276. Prior to constructing the grid, a certain amount of geological mapping should be done to determine grid orientation. A VLF-EM survey is recommended.

4 Again, given budget allocations, consideration should be given to carry out a detailed magnetic survey on all grid areas.

Rodney H Spooner P/Eng

M E I C

1046166
1012972

Box 450
La Ronge Sask.
January 19,1990

W.R.Cowan
Assessment Branch
Ministry of Northern Development and Mines

Dear Sir

Enclosed are assay receipts and a location map. Results were forwarded to Mineral Development Section earlier, copies also enclosed.

Also enclosed are the Geophysical Report and grid map covering assessment credits recently claimed.

Yours truly,

R H Spooner

21319

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
TELEPHONE (705) 642-3241 FAX (705) 642-3300

JOUR DAY	DATE MOIS MONTH	ANNÉE YEAR	TRANSPORTEUR SHIPPED VIA
13	Dec	1989	

VENDU À SOLD TO:
Mr. Gary Dunn
Box 905
LaRonge, Saskatchewan
S0J 1L0

1.5% LATE CHARGE OVER 30 DAYS (ANNUAL RATE 18%)

NO D'EXEMPT DE TAXE FÉD. FED. LICENCE NO.	NO D'EXEMPT DE TAXE PROV. PROV. LICENCE NO.	VOTRE NO DE COMMANDE YOUR ORDER NO.	NOTRE NO DE COMMANDE OUR ORDER NO.	CONDITIONS TERMS	REP. DES VENTES SALES REP.
				NET 30 DAYS	

QUANTITÉ QUANTITY	DESCRIPTION	PRIX UNITAIRE UNIT PRICE	MONTANT AMOUNT
7	Geo Scan & Au assays	$ 17.50	$ 122.50
7	Sample Handling	3.00	21.00
	Cert.#77049 Dec. 7 & 12, 1989		

SWASTIKA LABORATORIES LTD

PAID
JAN 10/90

WITH THANKS
PER L D Gardner

TOTAL.....$ 143.50

FACTURE/INVOICE

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS
ESTABLISHED 1928

21319

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO, P0K 1T0
TELEPHONE (705) 642-3244 FAX (705) 642-3300

DATE: JOUR/DAY 13 | MOIS/MONTH Dec | ANNÉE/YEAR 1989

TRANSPORTEUR / SHIPPED VIA

VENDU À / SOLD TO:
Mr. Gary Dunn
Box 995
LaRonge, Saskatchewan
S0J 1L0

1.5% LATE CHARGE OVER 30 DAYS (ANNUAL RATE 18%)

NO D'EXEMPT DE TAXE FÉD / FED LICENCE NO	NO D'EXEMPT DE TAXE PROV / PROV LICENCE NO	VOTRE NO DE COMMANDE / YOUR ORDER NO	NOTRE NO DE COMMANDE / OUR ORDER NO	CONDITIONS / TERMS	REP. DES VENTES / SALES REP.
				NET 30 DAYS	

QUANTITÉ / QUANTITY	DESCRIPTION	PRIX UNITAIRE / UNIT PRICE	MONTANT / AMOUNT
7	Geo Scan & Au assays	$ 17.50	$ 122.50
7	Sample Handling	3.00	21.00
	Cert.#77049 Dec. 7 & 12, 1989		

SWASTIKA LABORATORIES LTD

PAID
JAN 10/90

WITH THANKS
PER D Gardner

TOTAL.... $ 143.50

FACTURE/INVOICE

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS
ESTABLISHED 1928

Swastika Laboratories
A Division of Assayers Corporation Ltd.
Assaying - Consulting - Representation
Established 1928

Certificate of Analysis

Certificate No. 77049 - A Date Dec. 12, 1989

Received Dec. 4, 1989 7 Rock Samples

Submitted by Mr. G[illegible] Dunn, La Ronge, Saskatchewan.
"GEO-SCAN"

	7001	7002	7003	7004	7005	7006	7007
Ag PPM	<0.1	<0.1	0.9	<0.1	3.4	<0.1	1.5
* Al %	2.0	2.0	0.3	2.8	0.7	0.05	0.4
As PPM	<10	<10	125	<10	12	<10	104
Bi PPM	<10	<10	<10	<10	<10	<10	<10
* Ca %	1.1	1.1	0.4	0.9	12.6	0.3	2.5
Cd PPM	18	22	34	18	<10	<10	10
Co PPM	42	95	18	106	13	<10	29
* Cr PPM	231	257	10	40	37	15	39
Cu PPM	26	347	165	20	278	68	132
Fe %	5.3	6.2	3.3	5.2	1.8	0.7	2.2
* Mg %	2.3	2.4	0.1	2.0	3.8	0.09	0.3
Mn PPM	1573	1543	97	573	2265	1670	610
Mo PPM	12	14	<10	16	<10	<10	<10
Ni PPM	118	144	22	87	44	18	46
P %	0.03	0.03	0.01	0.03	0.01	0.01	0.01
Pb PPM	239	131	68	94	58	11	38
S %	0.1	0.3	3.4	3.0	0.5	0.07	2.1
Sb PPM	<10	<10	<10	<10	<10	<10	<10
Sr PPM	<10	<10	16	13	25	<10	17
Th PPM	<10	<10	<10	<10	<10	<10	<10
U PPM	<10	<10	<10	<10	<10	<10	<10
* V PPM	107	118	<10	68	21	<10	11
* W PPM	<10	<10	<10	10	<10	<10	<10
Zn PPM	275	287	2860	104	77	10	41

NOTE: Digestion may not be complete for those elements marked by an asterisk.

Per G. Lebel
G. Lebel - Manager

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1928

Certificate of Analysis

Certificate No. 77049 Date Dec. 7, 1989

Received Dec. 4, 1989 7 Rock Samples

Submitted by Mr. Gary Dunn, La Ronge, Saskatchewan, Alberta.

SAMPLE NO.	GOLD Oz/ton	
7001	Nil	DIABASE
7002	0.002	"
7003	0.042	#1
7004	0.124/0.112	Du Zone
7005	0.002	GD "
7006	Nil	Du "3"
7007	0.006	GD

NOTE: Geo Scan results to follow

Per G. Lebel - Manager /ns

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705)642-3300

Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Certificate of Analysis

Certificate No. 77049 - A Date Dec. 12, 1989

Received Dec. 4, 1989 7 Rock Samples

Submitted by Mr. G[illegible] Dunn, La Ronge, Saskatchewan.
"GEO-SCAN"

	7001	7002	7003	7004	7005	7006	7007
Ag PPM	<0.1	<0.1	0.9	<0.1	3.4	<0.1	1.5
* Al %	2.0	2.0	0.3	2.8	0.7	0.05	0.4
As PPM	<10	<10	125	<10	12	<10	104
Bi PPM	<10	<10	<10	<10	<10	<10	<10
* Ca %	1.1	1.1	0.4	0.9	12.6	0.3	2.5
Cd PPM	18	22	34	18	<10	<10	10
Co PPM	42	95	18	106	13	<10	29
* Cr PPM	231	257	10	40	37	15	39
Cu PPM	26	347	165	20	278	68	132
Fe %	5.3	6.2	3.3	5.2	1.8	0.7	2.2
* Mg %	2.3	2.4	0.1	2.0	3.8	0.09	0.3
Mn PPM	1573	1543	97	573	2265	1670	610
Mo PPM	12	14	<10	16	<10	<10	<10
Ni PPM	118	144	22	87	44	18	46
P %	0.03	0.03	0.01	0.03	0.01	0.01	0.01
Pb PPM	239	131	68	94	58	11	38
S %	0.1	0.3	3.4	3.0	0.5	0.07	2.1
Sb PPM	<10	<10	<10	<10	<10	<10	<10
Sr PPM	<10	<10	16	13	25	<10	17
Th PPM	<10	<10	<10	<10	<10	<10	<10
U PPM	<10	<10	<10	<10	<10	<10	<10
* V PPM	107	118	<10	68	21	<10	11
* W PPM	<10	<10	<10	10	<10	<10	<10
Zn PPM	273	287	2860	104	77	10	41

NOTE: Digestion may not be complete for those elements marked by an asterisk.

Per G. Lebel

G. Lebel - Manager

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1928

Certificate of Analysis

Certificate No. 77049 Date Dec. 7, 1989

Received Dec. 4, 1989 7 Rock Samples

Submitted by Mr. Gary Dunn, La Ronge, Saskatchewan, Alberta.

SAMPLE NO.	GOLD Oz/ton	
7001	Nil	DIABASE
7002	0.002	"
7003	0.042	#1
7004	0.124/0.112	Du Zone
7005	0.002	GD
7006	Nil	Du '3'
7007	0.006	GD

NOTE: Geo Scan results to follow

Per G. Lebel - Manager /ns

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244, FAX (705)642-3300

Ministry of Northern Development and Mines
Ontario

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

DOCUMENT NO. W9008.00067

41P09NE8467 2.13038 BRYCE

900

Mining Act

2.13038

Type of Survey(s): VLF EM-16 Survey	Township or Area: BRYCE
Claim Holder(s): RODNEY SPOONER	Prospector's Licence No.: L 33032
Address: BOX 450 LA RONGE SASK. S0JILO	
Survey Company: G. Dunn (H.C. Mack Contracting)	Date of Survey (from & to): 31 10 89 / 5 11 89 (Day / Mo. / Yr.)
Total Miles of line Cut: 9.1 Km	
Name and Address of Author (of Geo-Technical report): RODNEY SPOONER BOX 450 LA RONGE SASK.	

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	~~40~~
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
incl. Interpreting and report (map + EM-16 Survey)	- Electromagnetic	10
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
L	1012961	10
	1012962	10
	1046165	10
	1046166	10
	1047203	10

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

RECEIVED
FEB 08 1990
MINING LANDS SECTION

LANDS AND MINING DIVISION
RECEIVED
JAN 8 1990
10:25 a.m.

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
MAR 22 1990

Total number of mining claims covered by this report of work: 1

Expenditures (excludes power stripping)

Type of Work Performed	
Performed on Claim(s)	

Calculation of Expenditure Days Credits

Total Expenditures: $ ÷ 15 = Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only		
Total Days Cr. Recorded: 50	Date Recorded: RECEIVED Jan 8 1990	Mining Recorder:
	Date Approved as Recorded: March 16/90	Branch Director

Date	Recorded Holder or Agent (Signature)
Dec 21/89	

Certification Verifying Report of Work

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 Person Certifying: GARY DUNN Box 991 La Ronge Sask. S0JILO

Date Certified	Certified by (Signature)
Dec 21/89	

1362 (85/12)

Assessment Work Breakdown

M[redacted] Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by [redacted]ltants, draftsmen, etc..

Type of Survey VLF EM-16 Survey

Technical Days			Technical Days Credits	Line-cutting Days		Total Credits	No. of Claims		Days per Claim
5	X	7	35	15	=	50	5	=	10

Type of Survey

Technical Days			Technical Days Credits	Line-cutting Days		Total Credits	No. of Claims		Days per Claim
	X	7			=			=	

Type of Survey

Technical Days			Technical Days Credits	Line-cutting Days		Total Credits	No. of Claims		Days per Claim
	X	7			=			=	

Type of Survey

Technical Days			Technical Days Credits	Line-cutting Days		Total Credits	No. of Claims		Days per Claim
	X	7			=			=	

Ministry of Northern Development and Mines

Ontario

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT NO. W9008•006

(Mining Act)

2.13098

Instructions: – Please type or print.
– If number of mining claims traversed exceeds space on this form, attach a list.
Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
– Do not use shaded areas below.

Type of Survey(s): ASSAYS	Township or Area: BRYCE
Claim Holder(s): RODNEY SPOONER.	Prospector's Licence No.: G 33032
Address: Box 450 La Ronge SASK. S0JILO	
Survey Company	Date of Survey (from & to): 31 Day 10 Mo. 87 Yr. / 5 Day Mo. 89 Yr.
Name and Address of Author (of Geo-Technical report)	Total Miles of line Cut

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
L	1047203	9.5			

RECEIVED
FEB 1990
MINING LANDS SECTION

RECEIVED
JAN 8 1990
10:25 a.m.

Total number of mining claims covered by this report of work: 1

Expenditures (excludes power stripping)

Type of Work Performed: ASSAYS

Performed on Claim(s): 1047203 1046166 1012962

Calculation of Expenditure Days Credits

Total Expenditures: $ 143.50 ÷ 15 = Total Days Credits: 9.5

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date	Recorded Holder or Agent (Signature)
Dec. 21/89	

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
9.5	Jan. 8/90	per
	Date Approved as Recorded: March 16, 1990	Branch Director

Certification Verifying Report of Work

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 Person Certifying	Date Certified	Certified By (Signature)
GARY DUMAS Box 995 La Ronge Sask.	DEC 21/89	

1362 (85/12)

SEE NEW WORK report from Gary

8
7
6
5
4
3
2
CANE TWP M-211
July 30/81
NB

Ministry of Northern Development and Mines

Ontario

Geophysical-Geological-Geochemical Technical Data Statement

2.13038

RECEIVED File

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

MINING LANDS SECTION

Type of Survey(s) VLF EM-16

Township or Area BRYCE

Claim Holder(s) RODNEY SPOONER

Survey Company G. DUND

Author of Report RODNEY SPOONER

Address of Author Box 450 LA RONGE SASK. SOJ1L0

Covering Dates of Survey Oct 31/89 Dec 21/89
(linecutting to office)

Total Miles of Line Cut 9.1 km

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
L	1012961
L	1012962
L	1046165
L	1046166
L	1047203

TOTAL CLAIMS 5

If space insufficient, attach list

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other	
Geological	
Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: Jan 10/90 SIGNATURE: _____
Author of Report or Agent

Res. Geol. _____ Qualifications 2.11380

Previous Surveys

File No.	Type	Date	Claim Holder

OFFICE USE ONLY

837 (85/12)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations 455 Number of Readings 415

Station interval 20 M Line spacing 50 M

Profile scale

Contour interval

MAGNETIC

Instrument

Accuracy – Scale constant

Diurnal correction method

Base Station check-in interval (hours)

Base Station location and value

ELECTROMAGNETIC

Instrument Geonics EM-16

Coil configuration

Coil separation

Accuracy

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency Cutler Maine 24.0 KHz
(specify V.L.F. station)

Parameters measured

GRAVITY

Instrument

Scale constant

Corrections made

Base station value and location

Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time Frequency

– Off time Range

– Delay time

– Integration time

Power

Electrode array

Electrode spacing

Type of electrode

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

_____

_____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

_____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

_____

Drainage Development _____

Estimated Range of Overburden Thickness _____

_____

_____

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

_____

_____

_____

General _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☐
p. p. b. ☐

Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

ROBILLARD TWP M - 579

TUDHOPE TWP M-252

BEAUCHAMP TWP M-412

CANE TWP M-211

CLOSED TO STAKING SUBJECT TO SEC. 38(1) OF MINING ACT (SEPT 20/78)

PIT 364

GRAVEL RESERVE

Sunday

Honeymoon

Hood

Hill Lake

Road

THE TOWNSHIP OF

BRYCE

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

SCALE: 1 INCH 40 CHAINS

LEGEND

PATENTED LAND	or (P)
CROWN LAND SALE	C.S.
LEASES	(L)
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	
CANCELLED	
PATENTED S.R.O.	

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

Areas withdrawn from staking under Section 43 of the Mining Act

File	Date	Disposition

(R1) Surface and Mining Rights Withdrawn from Staking, section 36/80 order No. W 65/83

(R2) Surface and Mining Rights Withdrawn from Staking, section 36/80 order No. W 18/86

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE .....

TIMISKAMING MANAGEMENT UNIT

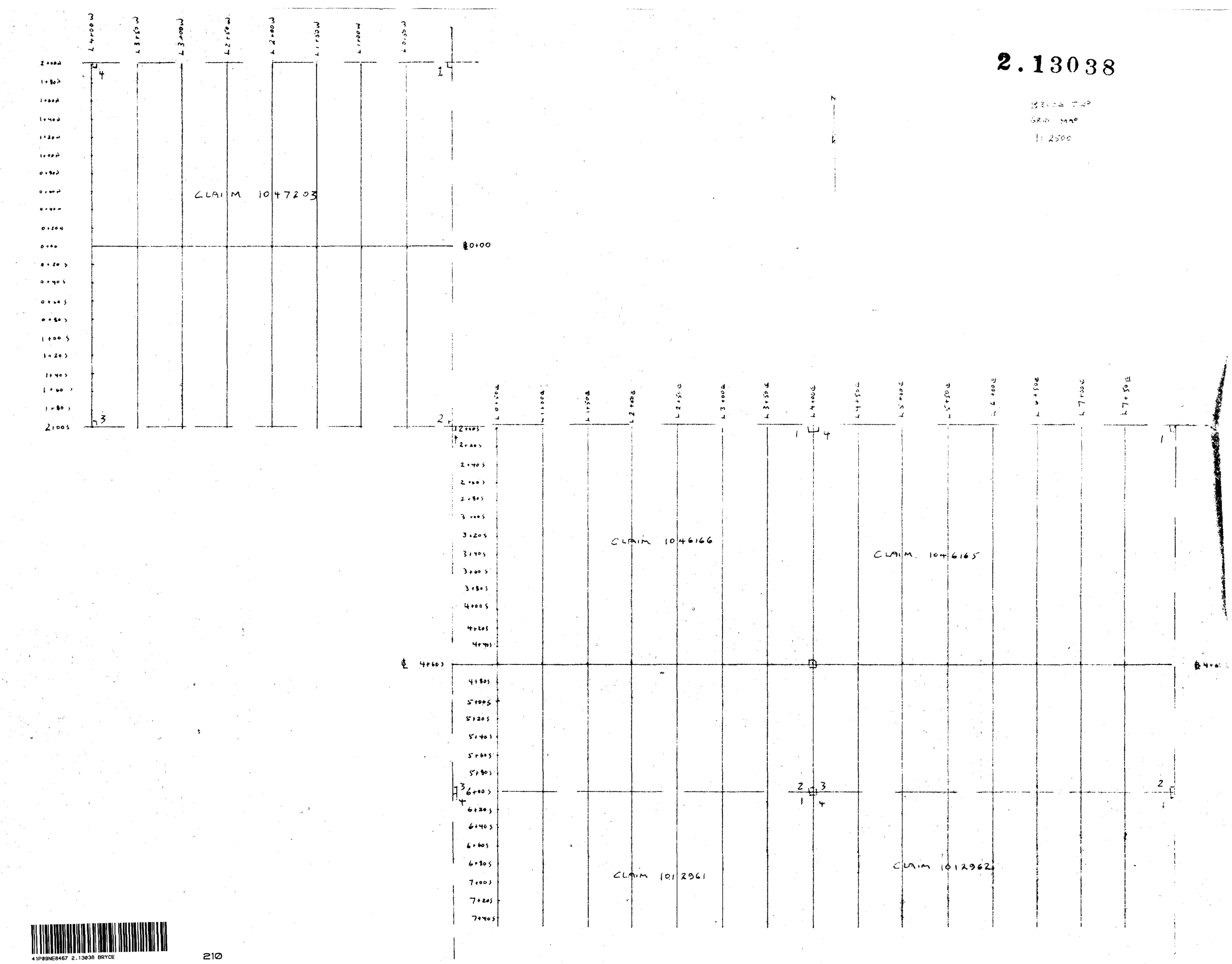
AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 129
SWASTIKA, ONT.
P0K 1T0
705-642-3222

PLAN NO. M-282

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

2.13038

BRYCE TWP
GRID MAP
1: 2500



CONC. II

N

POND

B

A

C

D

E

DYKE

DIABASE

LOT 9

10461651

10461661

10129621

10129611

LINE 7+50S

LINE 7+00S

LINE 6+50S

LINE 6+00S

LINE 5+50S

LINE 5+00S

LINE 4+50S

LINE 4+00S

LINE 3+50S

LINE 3+00S

LINE 2+50S

LINE 2+00S

LINE 1+50S

LINE 1+00S

LINE 0+50S

2+00S 2+20S 2+40S 2+60S 2+80S 3+00S 3+20S 3+40S 3+60S 3+80S 4+00S 4+20S 4+40S BASELINE 4+80S 5+00S 5+20S 5+40S 5+60S 5+80S 6+00S 6+20S 6+40S 6+60S 6+80S 7+00S 7+20S 7+40S

CONTACT OF DIABASE DYKE

TRAIL

CREEK

LOGGING ROAD

QUADRATURE

DIP

OPERATOR: G DUNN

Tx : CUTLER MAINE

2.13038

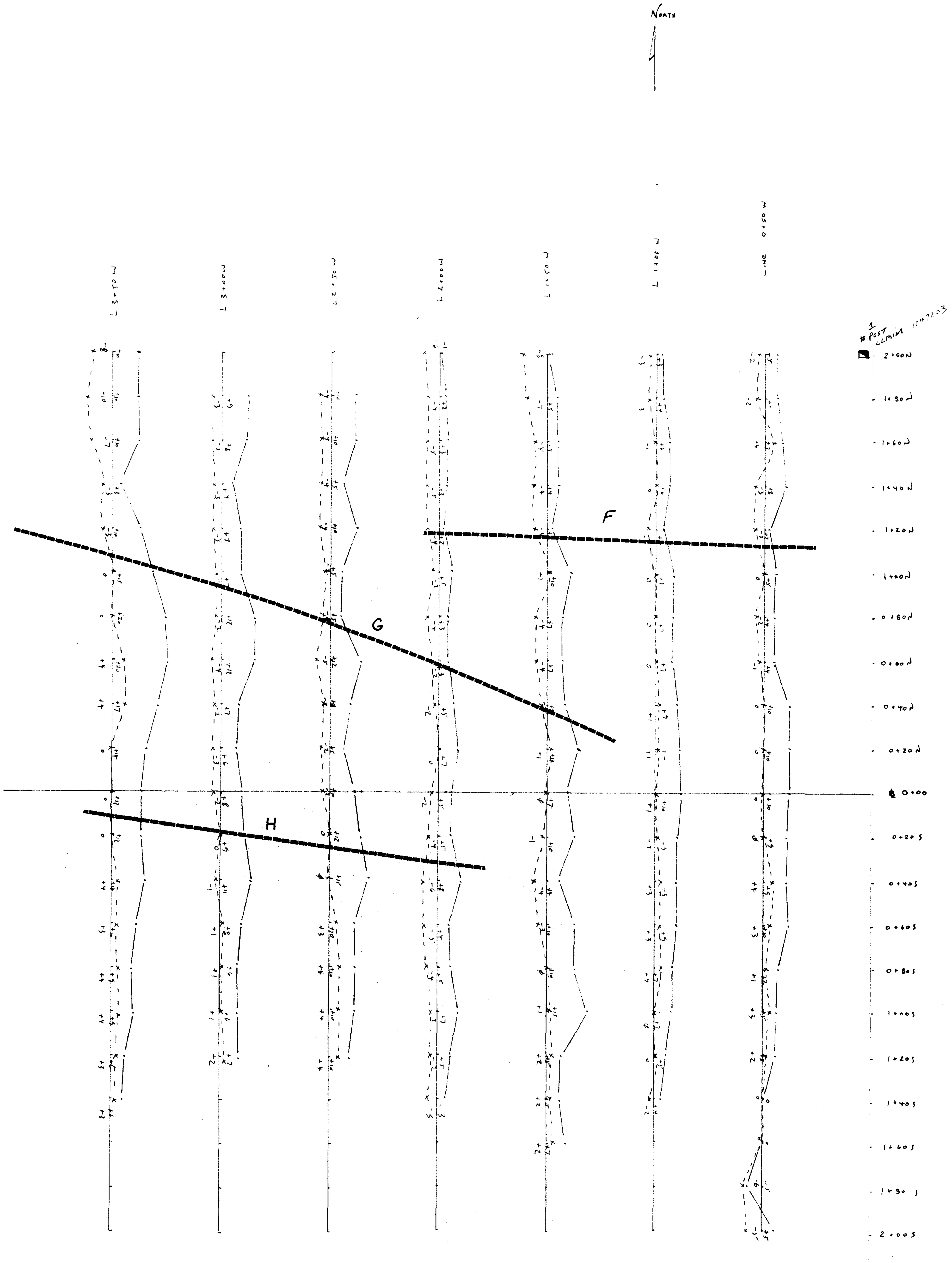
BRYCE TOWNSHIP

VLF-EM SURVEY

WORK BY:
HIGHROCK CONTRACTING LTD.

Compiled by G DUNN 14/1/89	Dwg No
Drafted by G DUNN 21/1/89	EM MAP 1
N.T.S.: 41 P/9 SCALE 1:1000	
Disposition(s): LIMBER (SEE MINING DIV.	

41P09NE8467 2.13038 BRYCE



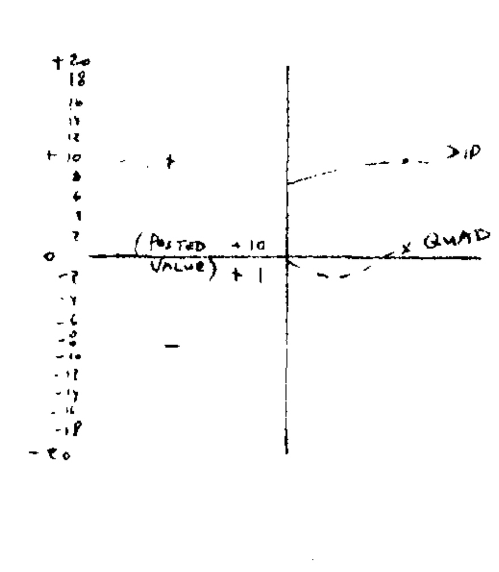
2.13038

BRYCE TWP
CLAIM # 1047203

VLF
EM-16 SURVEY

Tx: CUTLER MAINE
OP: G DUNN

* ALL READINGS TAKEN FACING NORTH



WORK BY:	HIGHROCK CONTRACTING LTD.
Compiled by:	G. Dunn 17/11/89
Drafted by:	G. Dunn 17/11/89
N.T.S.	41 P/9 SCALE 1:1000
Disposition (s):	Larder Lake Mining Div.
Dwg. No.	EM MAP 2

230

N

#1 POST ZONE
SHEAR
X-147 0.025 oz/Ton Au
7003 0.002 oz/Ton Au - 2860 ppm Zn

felsic volcanics

1047203

Cobalt Sediments

TRAIL TO PINE LAKE

felsic carbonatized volcanics

GD ZONE
SHEAR
GD-13 0.028 oz/Ton Au
X-146 0.024 oz/Ton Au
X-147 0.044 oz/Ton Au
7003 0.044 oz/Ton Au
7004 0.008 oz/Ton Au
0.006 oz/Ton Au

Pond

CREEK

1046166

1046165

1012971

(NOT SURVEYED)

OVERBURDEN COVERED

LOGGING ROAD (APPROXIMATE L

(NOT SURVEYED)

7002 Ni 0.002 oz/Ton Au

1035685

1012961

1012962

Nipissing Diabase

P

TRAIL TO PINE LAKE

1013277

1012973

7006 0.001 (oz)

DU ZONE (WRITE OZ JOINS STRIKEWISE)

DU-1	0.229	oz/Ton Au
DU-2	0.084	oz/Ton Au
DU-3	0.184	oz/Ton Au
#1	0.178	oz/Ton Au
#2	0.008	oz/Ton Au
#3	0.096	oz/Ton Au
#4	0.123	oz/Ton Au
7004	0.124	oz/Ton Au

1012972

felsic volcanics

P

1013276

TEMAGAMI LAND CAUTION
(CLOSED TO STAKING)

1013275

Cobalt sediments

LOT 10

LOT 9

LOT 8

N

Au
Tr Au 2860 ppm Zn

TRAIL TO PIKE LAKE

felsic carbonatized Volcanics

GD Zone
GD-13 0.038 oz / Ton Au
7-138 0.020 oz / Ton Au
7-139 0.020 oz / Ton Au
7005 0.042 oz / Ton Au
7007 0.006 oz / Ton Au
SHEAR
GD ZONE

Pond

CREEK

1046166

1046165

1012971

1012974

(NOT SURVEYED)

OVERBURDEN COVERED

LOGGING ROAD (APPROXIMATE LOCATION)

CONCESSION II

7001 Ni
7002 0.002 oz / Ton Au

1012961

1012962

Nipissing Diabase

P

TRAIL TO PIKE LAKE

1012973

7006 0.00 (Ni)

1012972

felsic volcanics

DU ZONE
LAMPRO DYKE VEINS
STOCKWORK

DU-1	0.229	oz / Ton Au
DU-2	0.084	oz / Ton Au
DU-3	0.184	oz / Ton Au
#1	0.178	oz / Ton Au
#2	0.008	oz / Ton Au
#3	0.006	oz / Ton Au
#4	0.123	oz / Ton Au
7004	0.124	oz / Ton Au

P

Cobalt Sediments

1013276

1013275

TEMAGAMI LAND CAUTION
(CLOSED TO STAKING)

Cobalt Sediments

CONCESSION I

Cobalt Sediments

Nipissing Diabase

Carbonatized felsic Volcanics

Mineralized Showings

EM-16 Conductor axis

#1 0.01 oz / Ton Au
Assay Sample Location and Results

LOT 9

LOT 8

2.13038

BRYCE TOWNSHIP

DATA COMPILATION MAP

WORK BY:
HIGHROCK CONTRACTING LTD.

Compiled by: G. Dunn	12/01/90	Dwg. No.
Drafted by: GD	12/01/90	
N.T.S. 41 P/9	SCALE 1:2000	
Division(s): LADDER LAKE MINING DIV.		