

# GM 53301

1995 DIAMOND DRILLING REPORT ON THE BEAUCANTON AREA

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**1995 DIAMOND DRILLING REPORT  
ON THE BEAUCANTON AREA  
N.T.S. 32D/14, 32E/3**

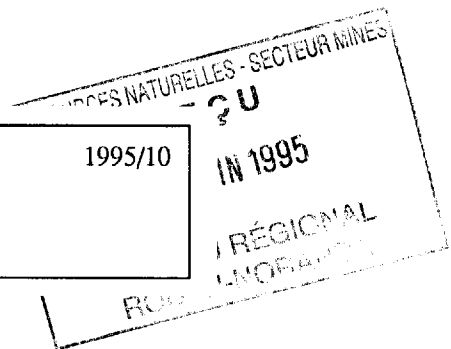
**FALCONBRIDGE LIMITED**



MRN - S.I.S.E.M.

1995/10

**GM 53301**

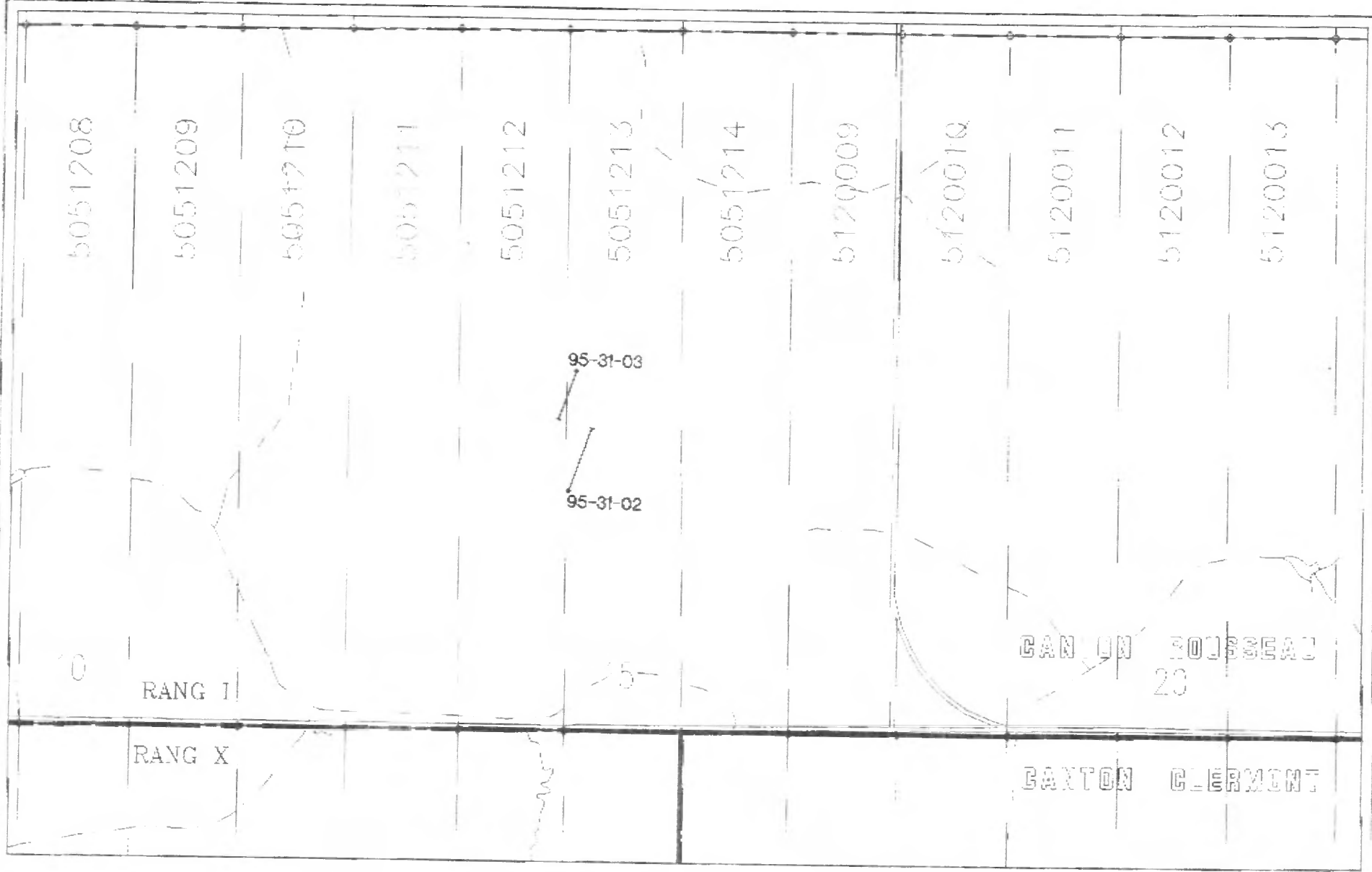


**ROUYN-NORANDA  
QUÉBEC, CANADA  
JUN 1995**

**PASCAL LESSARD  
ASSOCIATE GEOLOGIST**

**NORMAND DUPRAS  
PROJECT GEOLOGIST**

**95 163 013**



1995 DRILLING PROGRAM  
 BEAUCANTON  
 NORMETAL AREA  
 PN-731

## SUMMARY

Falconbridge Limited has completed a program of surface diamond drilling on the Normétal Cominco property, project 08-731 of the Beaucanton area. The program was undertaken to further define and delineate a UTEM anomaly and to verify the possibility of copper and zinc improvement at depth. From May 23 to May 31, 1995, two (2) diamond drill holes for a total of 382.83 metres were completed on the property.

The 1995 diamond drilling program carried out on the Beaucanton area allowed to investigate an UTEM anomaly and to delineate a down dip extension of a sulphide mineralized outlined on a surface exposure. The sulphide zone was intersected in drill hole 95-28-03 to a vertical depth of 60 metres. The sulphides which consist of pyrrhotite and pyrite blebs with trace of chalcopyrite, occur in a small vertical "pipe" within intermediate volcanic rocks. The 95-28-02 targeted in the weak UTEM anomaly, drilled 209.70 metres in mafic intrusive rocks. Anomaly is explained by the occurrence of trace to 3% pyrite disseminated over the entire length of the hole.

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## SECTION 1 - INTRODUCTION

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### 1.1 Scope of work

A diamond drilling program consisting of 2 holes totalling 382.83 metres was completed on the Beaucanton Area between May 23 and May 31 1995. The program was designed to drill test a UTEM anomaly and to verify a possibility of copper and zinc improvement at depth. On the longitudinal section, the drilling pattern was planned to intersect the mineralized "pipe" sulphide at 60 metres below surface. No bore hole Pulse EM surveys were conducted on these diamond drill holes because of the shallow depth of the holes.

### 1.2 Location and Access

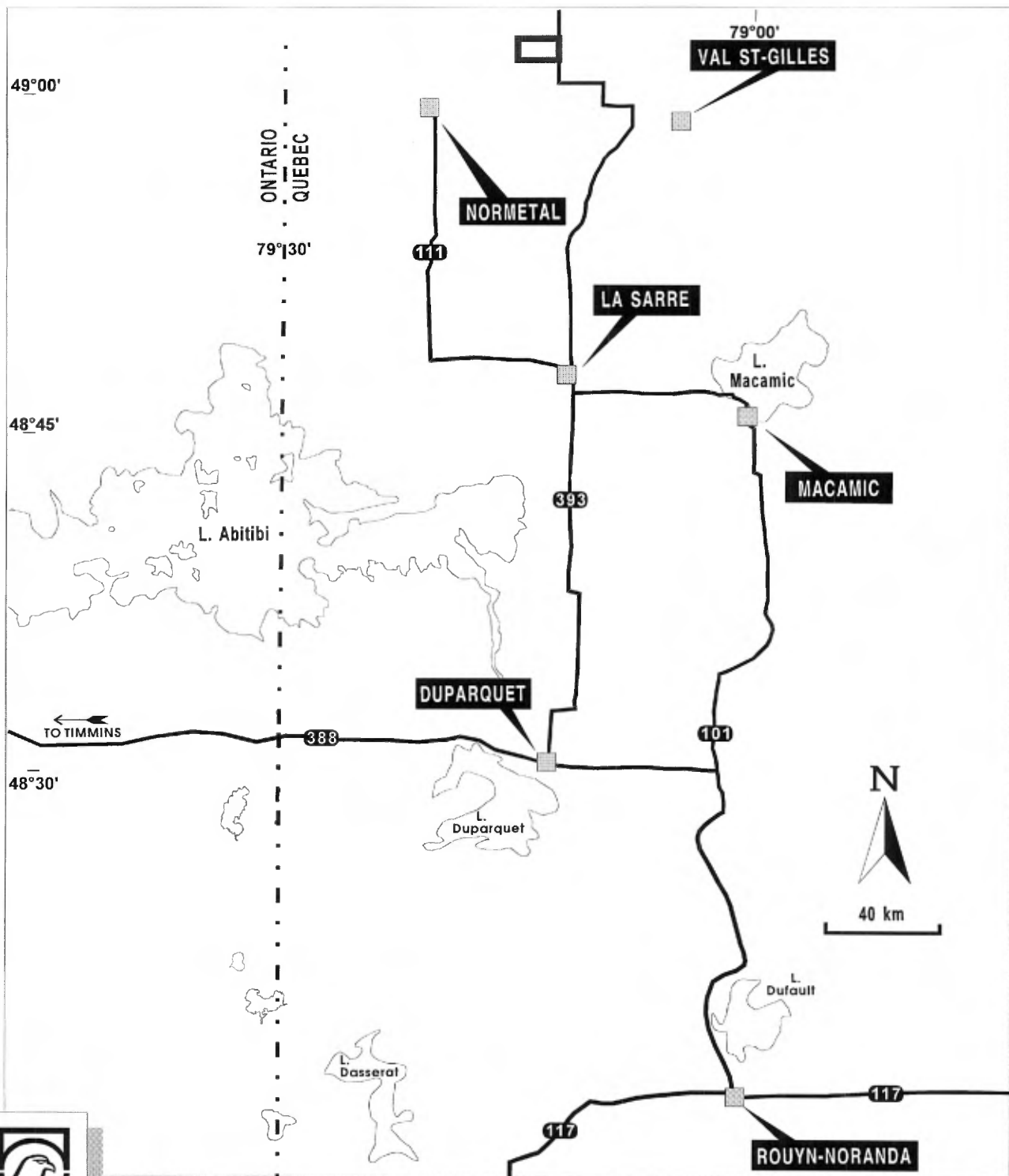
The Normétal Cominco property consists of 22 claims totaling 880 hectares. The claim group is located in the Perron and Rousseau townships in Abitibi county, Québec. The claims are registered in the name of Falconbridge Limited under the following licenses (see Appendix A).

The Normétal Cominco property is situated 110 kilometres north of the town of Rouyn-Noranda. Located in the Normétal area, it is readily accessible by Highway 111 from Rouyn-Noranda and by a network of trails crossing most of the property.

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# BEAUCANTON LOCATION MAP



# **Microfilm**

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## SECTION 2 - GEOLOGY

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### 2.1 Regional Geology

The Normétal area is located in the Gale Group volcanics (Latulippe 1976), in the Archean Abitibi Greenstone belt of Northwestern Quebec. The Gale Group volcanics forms lozenge-shaped volcano-sedimentary terrain, bounded in the North and South by the Casa-Berardi and Chicobi structural breaks, respectively (Daigneault and Archambault 1990). Regional stratigraphy of the Gale Group is poorly defined: volcanic rocks are both abundant and lithologically diverse. These include mafic, intermediate and felsic volcanic lavas and volcanoclastic rocks, epiclastic volcanics, various sediments and iron formations (Gilman 1961, Tolman 1951). The Gale Group volcanic rocks are regionally metamorphosed to the greenschist facies.

### 2.2 Local Geology

The area includes two Cu-Zn showings: Rousseau Leslie Est and Beaucanton Nord. Outcropping throughout the sector is sparse. The area of outcrop is composed mostly of andesite with some rhyolite. Although the rhyolite appears, on the available maps, to have a limited westerly extent, the change in geophysical signature corresponding to its southern contact continues to the West.

The Beaucanton area differs structurally from the other areas of the Normétal property. The dominant schistosity is North-South. Stratigraphic tops in the area could not be determined where the MERQ maps indicated tops the outcrops were at present too lichen-covered to confirm the interpretation. However, the form, or lack thereof, of the well-preserved pillows suggests a shallow-dipping stratigraphy as indicated on the MERQ map. With the exception of the northernmost zone adjacent to the Rousseau pluton, the Beaucanton area is much less deformed than the rest of the Normetal belt.

The Rousseau Leslie Est showing occurs on the flank of a poorly outcropping hill. The major rock type in the area is an intermediate dyke; the mineralization, however, occurs in variably altered, silicified and chloritized, andesites. The trenches themselves exhibit semi-massive pyrrhotite mineralization with pyrite and chalcopyrite as disseminated mineralization or small stringers. The andesite close to the mineralized zone is silicified whereas that within the zone itself exhibits variable chloritization. Some of the blocks in the blast area are highly chloritic and may represent a chlorite pipe. A VLF survey performed over this showing was unsuccessful no apparent extension could be defined. Here, the related geophysical anomalies are restrained to the immediate vicinity of the showing.

# GEOLOGICAL MAP OF ABITIBI

ALLARD GROUP

TAIBI GROUP

GALE GROUP

CASTAGNIER

KINOJEVIS GROUP

BLAKE R. GROUP

COBALT GROUP

OPATICA SUBPROVINCE

CHIBOUGAMAU

MATAGAMI

NORMETAL

ROUYN-NORANDA








VAL D'OR

PONTIAC SUBPROVINCE

GRENVILLE PROVINCE

ONTARIO  
QUEBEC

BELLECOMBE  
GNEISSES

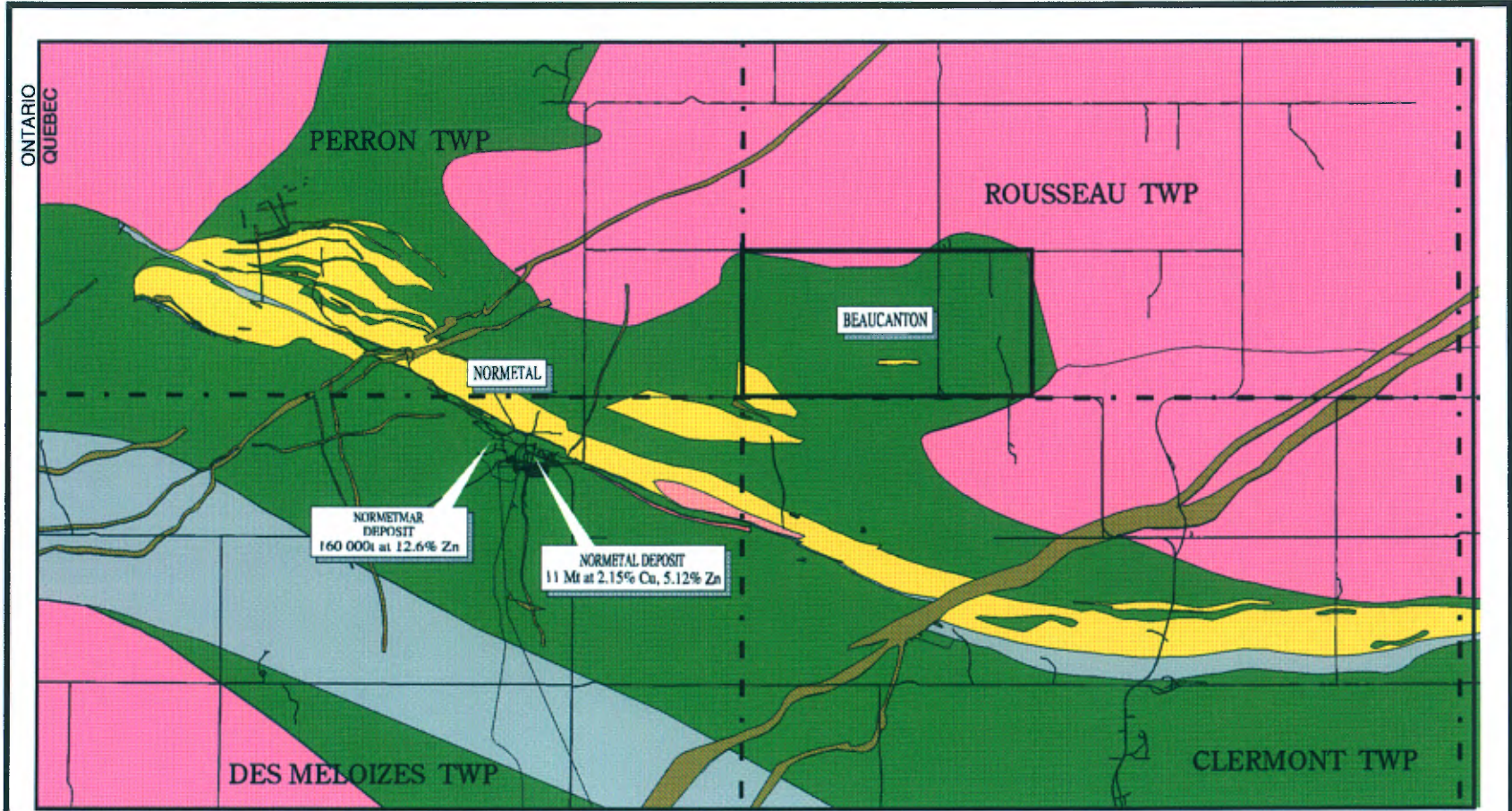
-  GNEISSIC ROCKS
-  GRANITIC INTRUSIONS
-  STRATIFORM INTRUSIONS
-  ULTRAMAFIC ROCKS
-  VOLCANOSEDIMENTARY ROCKS
-  PROTEROZOIC ROCKS
-  MAJOR FAULTS



100 Km

(FROM LATULIPPE 1976)





- RHYOLITE
- ANDESITE
- GRANITE
- GABBRO
- DIABASE
- QUARTZ-FELDSPAR PORPHYRY
- SEDIMENTS
- FAULT
- INTERPRETED MINE HORIZON
- SHOWING



<b>FALCONBRIDGE LIMITED</b>		
Exploration	Timmins, Ontario	
<b>BEAUCANTON</b>		
Traced: J.B.	Date: 08/05/95	NTS:32D14,32E/03 Project No:
Drawn:	Date:	Map No: File: GEOL2
Supervised: N.D.	Date: 08/05/95	<b>Fig. 4</b>
Revised:	Date:	

## SECTION 3 - DIAMOND DRILLING

---

### 3.1 Background of Program

The Beaucanton area is located at about 8 km east of Normétal, south of the Rousseau intrusion in a large intermediate plane. No diamond drill hole were drilled in the area before the Falconbridge 1995 diamond drill program.

### 3.2 Falconbridge Drilling Procedure

Two diamond drill holes for a total of 383.82 metres of BQ sized core were drilled from May 23 to May 31 1995 by Benoit Diamond Drilling of Val D'Or, Québec. The core logging was executed at the Falconbridge Limited core shack located in Normétal, Québec. Since the diamond drill hole collar locations have not been surveyed, the coordinates presented on the cross-sections are based on a grid centered on L0+00 and BL0+00. Drilling data were standardized to a scale of 1:1,000 and produced as a series of cross sections. Holes azimuth and deflection in course of the bore hole were recorded by Sperry Sun (single shot) test at sixty (60) metre intervals. The following drill hole collar locations refer to the geological surface plan produced by Cominco Limited during the course of mapping surveys, done in the summers of 1990 and 1991.

**TABLE 1**

**DIAMOND DRILL HOLE COLLAR LOCATIONS**

HOLE #	COORDINATES	AZIMUTH	DIP	LENGTH	TARGET
95-31-02	L74+00E / 40+00N	N020	-45	209.70m	-80m
95-31-03	L73+50E / 42+75N	N200	-45	173.13m	-60m
<b>Total</b>				<b>382.83 metres</b>	

The following Table is a description of the diamond drilling objectives and results encountered in each bore hole of the 1995 Falconbridge Limited drilling campaign on the Beaucanton area. For more details, refer to the drilling cross sections in the back pockets.

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**TABLE 2****DIAMOND DRILL RESULTS**

PJT#	HOLE #	TARGET	RESULTS	SIGNIFICANT ASSAYS	PEM RESULTS
8731	95-31-02	UTEM anomaly at -75 m vertical (L74+00E; St40+00N).	Final depth: 209.70 m. 174.36 m of mafic intrusive rock with trace to 3% pyrite.	Pending.	Not surveyed.
8731	95-31-03	Surface mineralization at -60 m vertical (L73+50E; St42+75N).	Final depth: 173.13 m. One mineralized horizon of bedded/banded (veinlet) of pyrite and pyrrhotite was intersected (cm scale).	Pending.	Not surveyed.

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#### SECTION 4 - CONCLUSION

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The 1995 diamond drilling program carried out on the Beaucanton area allowed to test an UTEM anomaly and the down extension of a mineralized. Hole 95-31-03 intersected trace to locally 3% of disseminated pyrite hosted within a massive mafic intrusive. In hole 95-31-02, the surface showing was intersected between 86.00 and 106.00 metres down hole as a bedded/banded pyrite and pyrrhotite (cm scale) with trace of chalcopyrite. The host rock of the mineralization is a massive mafic volcanic unit in contact with the massive mafic intrusive located to the south.

Based on the new information gathered from the present drilling, it is recommended, that the geology of the area be re-interpreted before any additional exploration work.

Respectfully submitted,



Normand Dupras  
Project Geologist  
Falconbridge Limited

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- Bertrand, C., and Hutchinson, R. W., (1973). Metamorphism at the Normétal Mine, Northwestern Québec. CIMM Bull., 76, pp. 226-234.
- Brown, W. L., (1948). Normétal Mine, In: Structural Geology of Canadian Ore Deposits. CIMM Special Volume, pp. 683-693.
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**APPENDIX A**

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REC'D  
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OUBELT



**APPENDIX B**

TSL/ASSAYERS Laboratories

FALCONBRIDGE EXPLORATION LTD. ROUYN

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA, ONTARIO L4V-1M4

REPORT No. : M5279

ATTN: M. L'HEUREUX

PHONE #: (905)602-8236

FAX #: (905)206-0513

Page No. : 1 of 1

PROJ: 37 ROUYN

File No. : JM15RA

Date : JUN-16-1995

I.C.A.P. WHOLE ROCK ANALYSIS

Lithium Metaborate Fusion

Oxides in % - Minors ppm

SW-2569-RC1

SAMPLE #	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	TiO2	MnO	P2O5	Cr2O3	Zr	Y	Cu	Zn	Ni	Co	LOI	TOTAL	S
	%	%	%	%	%	%	%	%	%	%	%	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM
QBO4067	48.62	13.91	14.53	10.67	6.49	0.97	0.16	1.63	0.21	0.160.030		56	20	75	70	70	45	3.30	100.64	1300
QBO4068	45.89	15.27	14.10	9.96	7.48	1.68	0.16	1.46	0.20	0.180.035		58	20	85	80	75	50	3.34	99.69	< 100
QBO4069	48.00	12.64	18.94	6.64	4.49	3.38	0.12	2.13	0.23	0.220.010		128	46	80	120	25	45	1.22	98.01	1800
QBO4070	49.34	14.61	14.45	10.73	5.87	2.16	0.10	1.38	0.20	0.140.060		78	30	100	85	65	45	1.53	100.52	2100
QBO4071	46.96	14.52	15.07	8.93	8.60	2.15	0.22	1.19	0.20	0.120.025		62	24	65	80	135	65	2.62	100.59	700
QBO4072	41.22	10.63	11.39	5.90	15.23	0.13	0.12	0.49	0.15	0.060.135		32	12	< 5	90	400	70	14.18	99.51	100
QBO4073	48.66	13.27	14.68	10.87	5.53	1.75	0.14	1.50	0.21	0.160.060		86	34	100	130	70	45	1.43	98.19	100
QBO4074	43.10	14.36	12.32	8.21	6.50	3.36	0.08	1.19	0.18	0.160.015		70	20	5	90	85	45	9.03	98.47	100
QBO4075	45.53	11.50	17.73	5.73	4.79	3.47	0.18	2.17	0.18	0.180.010		108	36	150	105	40	45	8.40	99.83	100
QBO4076	46.65	14.88	10.86	11.00	8.98	1.60	0.36	0.95	0.17	0.100.035		50	14	80	90	105	45	3.42	98.97	< 100
QBO4077	46.97	14.11	15.08	11.07	6.56	1.92	0.28	1.43	0.21	0.140.030		78	30	35	105	120	60	1.41	99.18	100
QBO4078	47.54	13.71	14.81	9.44	7.49	2.14	0.06	1.33	0.22	0.140.025		70	26	80	100	120	55	2.02	98.88	1000

95-31-07

31-07

SIGNED : Ray Saad



Established 1928

# Swastika Laboratories

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Assaying - Consulting - Representation

## Geochemical Analysis Certificate

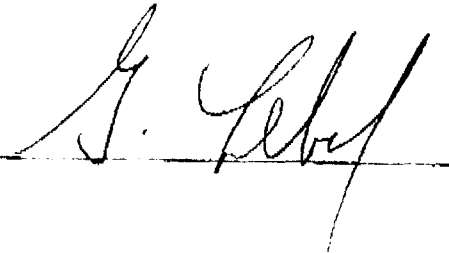
5W-2570-RG1

Company: **FALCONBRIDGE LTD EXPL ROUYN**  
 Project: **37 Rouyn**  
 Attn: **M. L'Heureux**

Date: JUN-14-95

We hereby certify the following Geochemical Analysis of 17 Core samples submitted JUN-08-95 by C. Blanchet.

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM
QB04566	65	27	81	1	0.3	189
QB04567	134	22	79	1	0.2	60
QB04568	322	53	41	8	0.5	25
QB04569	27	104	95	15	0.3	90
QB04570	7	227	77	1	0.2	34
QB04571	14	247	106	1	0.2	32
QB04572	62	647	95	1	0.3	27
QB04573	14	248	162	1	0.3	18
QB04574	10	124	201	1	0.2	22
QB04575	27	90	91	1	0.1	17
QB04576	17	70	117	1	0.1	30
QB04577	10	159	78	1	0.1	20
QB04578	3	442	118	1	0.4	33
QB04579	21	61	74	3	0.4	47
QB04580	3	29	47	1	0.1	13
QB04581	7	145	143	1	0.2	29
QB04582	24	125	97	1	0.1	32

Certified by 

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

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PAGE: 06-14-95

1 of 1

SOLD TO:

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Falconbridge Ltd Exp Rouyn  
 C.P. 903, 1158 Lariviere  
 Rouyn-Noranda, Quebec  
 J9X 5C8

Same

*Pro: # 31*  
*37*

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
17		Code 1	Geochem Package #1	3		9.500	161.50
17		Code 4	Sample Prep	3		3.000	51.00
			Cert #5W-2570-RG1				
			3-GST @ 7 %				14.88
<b>TOTAL</b>							<b>227.38</b>
COMMENTS: Net 30 Days							



FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 35.34	<{OB}> Casing Overburden					
35.34 TO 209.70	<7,b,c,m,<G AB>> Mafic Intrusive medium to coarse grained massive gabbro	Medium to dark green homogenous very massive intrusive rock. Medium to coarse grained groundmass becomes fine grained around veins and veinlets. Locally weakly magnetic. 5% of quartz veins and discontinuous quartz-calcite veinlets oriented in every directions. No visible foliation.  {46.63-48.08}<7,a> Mafic Intrusive fine grained with unaltered groundmass. Sharp upper and lower contact, respectively 35 and 25 CA.  {116.50-142.50}<7,a> Mafic Intrusive fine grained with unaltered groundmass containing trace to locally 5% of medium grained magnetite. Gradual upper and lower contact.  {148.80-149.35}<7,a> Mafic Intrusive fine grained with unaltered groundmass. Sharp irregular upper and lower contact, no CA.		Moderate to strong pervasive chloritization of groundmass. Alteration is more intense in coarse grained section of intrusion. Moderate spotty calcification of groundmass.  {95.38-99.70}<SiPM> moderate, pervasive, silicification  {106.50-113.50}<RsSM> moderate, spotty, rust staining (feldspar)	Trace to locally 3% of disseminated fine to medium grained subeuhedral to euhedral pyrite (<2 mm).	Moderate to good R.Q.D.

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn ppm	Ni ppm	Comments
QB04566	95.00	96.00	1.00							0.0	0.0	0.0 7,a,Si+
QB04567	96.00	97.00	1.00							0.0	0.0	Py
QB04568	97.00	98.00	1.00							0.0	0.0	
QB04569	98.00	99.00	1.00							0.0	0.0	

Sample	From (M)	To (M)	Leng. (M)	SI02	AL2O3	CAO	MGO	NA2O	K2O	FE2O3	TIO2	P2O5	MNO	CR2O3	LOI	SUM	Y	ZR	BA	CU	ZN	NI	CR	FIELD NAME	CHEM ID	ALUM
				%	%	%	%	%	%	%	%	%	%	%	%	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM			
QB04067	40.80	41.00	0.20																						7, b, Ch	
QB04068	65.00	65.20	0.20																						7, b, Ch	
QB04072	102.00	102.20	0.20																						7, c, Ch	
QB04069	130.40	130.60	0.20																						7, a, Mag	
QB04070	159.80	160.00	0.20																						7, c, Ch	
QB04071	199.80	200.00	0.20																						7, c, Ch	

Sample	From (M)	To (M)	Leng. (M)	RB PPM	SR PPM	CO2 ‡	AG PPM	AU PPB	CO PPM	PB PPM	S PPM	V PPM	AS PPM	SN PPM	CD PPM	SB PPM	BI PPM	SE PPM	HF PPM	TA PPM	W PPM	MO PPM	TH PPM	U PPM	B PPM	CS PPM	LA PPM	CE PPM	ND PPM	
QB04067	40.80	41.00	0.20																											
QB04068	65.00	65.20	0.20																											
QB04072	102.00	102.20	0.20																											
QB04069	130.40	130.60	0.20																											
QB04070	159.80	160.00	0.20																											
QB04071	199.80	200.00	0.20																											

Sample	From (M)	To (M)	Leng. (M)	SM PPM	EU PPM	GD PPM	DY PPM	ER PPM	LU PPM	OS PPB	IR PPB	RU PPB	RH PPB	PT PPB	PD PPB	LI PPM	BE PPM	MN PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	MGO#	CA/AL	NI/MGO	ISHIKW	ZN/NA2	
QB04067	40.80	41.00	0.20																											
QB04068	65.00	65.20	0.20																											
QB04072	102.00	102.20	0.20																											
QB04069	130.40	130.60	0.20																											
QB04070	159.80	160.00	0.20																											
QB04071	199.80	200.00	0.20																											

Sample	From (M)	To (M)	Leng. (M)	YB PPM	NB PPM	AN.MGO
QB04067	40.80	41.00	0.20			
QB04068	65.00	65.20	0.20			
QB04072	102.00	102.20	0.20			
QB04069	130.40	130.60	0.20			
QB04070	159.80	160.00	0.20			
QB04071	199.80	200.00	0.20			

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DE GESTION  
QUEBEC



FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 4.55	< OB > Casing Overburden					
4.55 TO 108.27	<3,a,b,m> Intermediate Volcanic fine to medium grained massive	Dark green homogenous massive volcanic rock. Groundmass is fine to medium grained (<2 mm) and looks like an intrusive rock. Weakly to moderately magnetic. Lava is locally feldspar phyric (5 to 40%; <4 mm). There is three thin alteration zones between 86 and 106 m. Stringers of pyrrhotite and pyrite occur within these zones. Groundmass is strongly silicified and becomes aphyric. Contacts between "fresh" and altered zones are very sharp and irregular. 5% of quartz-calcite veins and calcite veinlets oriented in every directions. Very weak to moderate (in alteration zones) foliation, 25 CA. Sharp lower contact, 65 CA.  #102.70-104.10#<Qt vein> with chlorite and cubic pyrite.	25°	Weak spotty chloritization. In the stringer zones (from 86.10 to 91.72 m; 96.08 to 97.90; 102.58 to 105.65 m), moderate to strong pervasive silicification and moderate spotty chloritization.  #76.00-86.00#<TCPW> moderate, pervasive, carbonatization.	Trace to locally 2% of disseminated medium to coarse grained pyrite (<4 mm). Trace of disseminated fine grained chalcopyrite between 6 and 7 m.  #86.00-106.00#<Po,PyB1-5> 1.0-5.0% bedded/banded (veinlets) of pyrite and pyrrhotite. Mineralisation occurs within three altered zones or stringer zones. Ratio of Py/Po is about 40/60. Mineralisation is also disseminated in groundmass; fine to medium grains of pyrite (<2 mm).	Good R.Q.D.
108.27 TO 173.13	<7,b,c,m> Mafic Intrusive medium grained coarse grained massive	Dark green homogenous very massive intrusive rock. Groundmass is medium to coarse grained (<3 mm) and becomes locally gradually fine grained. Locally weakly magnetic. Rock is not altered and deformed, so no foliation is observed. 3% of quartz-calcite veins and veinlets with no preferential orientation.			Trace of disseminated medium grained cubic pyrite (<2 mm).	Good R.Q.D.
173.13 TO 0.00	<EOH> End-Of-Hole					

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn ppm	Ni ppm	Comments
QB04570	6.00	7.00	1.00									
QB04571	86.00	87.00	1.00									0.0 0.0 0.0 0.0 0.0 0.0 3,m,b Cp
QB04572	87.00	88.00	1.00									0.0 0.0 0.0 0.0 0.0 0.0 3,m,Si++,Ch+ Po,Py,Cp(?)
QB04573	88.00	89.00	1.00									0.0 0.0 0.0 0.0 0.0 0.0
QB04574	89.00	90.00	1.00									0.0 0.0 0.0 0.0 0.0 0.0
QB04575	90.00	91.00	1.00									0.0 0.0 0.0 0.0 0.0 0.0
QB04576	91.00	92.00	1.00									0.0 0.0 0.0 0.0 0.0 0.0
QB04577	96.00	97.00	1.00									0.0 0.0 0.0 0.0 0.0 0.0
QB04578	97.00	98.00	1.00									0.0 0.0 0.0 0.0 0.0 0.0
QB04579	102.00	103.00	1.00									0.0 0.0 0.0 0.0 0.0 0.0
QB04580	103.00	104.00	1.00									0.0 0.0 0.0 0.0 0.0 0.0
QB04581	104.00	105.00	1.00									0.0 0.0 0.0 0.0 0.0 0.0
QB04582	105.00	106.00	1.00									0.0 0.0 0.0 0.0 0.0 0.0

Sample	From (M)	To (M)	Leng. (M)	SiO2	AL2O3	CAO	MGO	NA2O	K2O	FE2O3	TiO2	P2O5	MNO	CR2O3	LOI	SUM	Y	ZR	BA	CU	ZN	NI	CR	FIELD NAME	CHEM ID	ALUM
QB04073	10.80	11.00	0.20																						3,m,b	
QB04074	36.00	36.20	0.20																						3,m,a	
QB04075	66.45	66.65	0.20																						3,m,D	
QB04076	100.80	101.00	0.20																						3,m,a	
QB04077	133.80	134.00	0.20																						7,m,b	
QB04078	172.00	172.20	0.20																						7,m,c	

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Sample	From (M)	To (M)	Leng. (M)	RB PPM	SR PPM	CO2 %	AG PPM	AU PPB	CO PPM	PB PPM	S PPM	V PPM	AS PPM	SN PPM	CD PPM	SB PPM	BI PPM	SE PPM	HF PPM	TA PPM	W PPM	MO PPM	TH PPM	U PPM	B PPM	CS PPM	LA PPM	CE PPM	ND PPM	
QB04073	10.80	11.00	0.20																											
QB04074	36.00	36.20	0.20																											
QB04075	66.45	66.65	0.20																											
QB04076	100.80	101.00	0.20																											
QB04077	133.80	134.00	0.20																											
QB04078	172.00	172.20	0.20																											

Sample	From (M)	To (M)	Length (M)	SM PPM	EU PPM	GD PPM	DY PPM	ER PPM	LU PPM	OS PPB	IR PPB	RU PPB	RH PPB	PT PPB	PD PPB	LI PPM	BE PPM	MV PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	MGO#	CA/AL	NI/MGO	ISHIKW	ZN/NA2	
QB04073	10.80	11.00	0.20																											
QB04074	36.00	36.20	0.20																											
QB04075	66.45	66.65	0.20																											
QB04076	100.80	101.00	0.20																											
QB04077	133.80	134.00	0.20																											
QB04078	172.00	172.20	0.20																											

Sample	From (M)	To (M)	Length (M)	YB PPM	NB PPM	AN.MGO
QB04073	10.80	11.00	0.20			
QB04074	36.00	36.20	0.20			
QB04075	66.45	66.65	0.20			
QB04076	100.80	101.00	0.20			
QB04077	133.80	134.00	0.20			
QB04078	172.00	172.20	0.20			

**APPENDIX C**

444 Hz

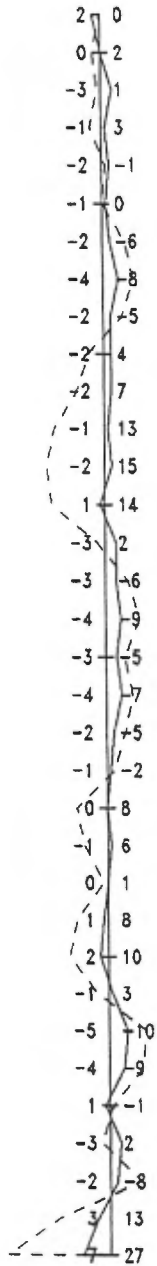
1777 Hz

3555 Hz

L 7000 E

L 7000 E

L 7000 E



43N

42N

41N

40N

39N

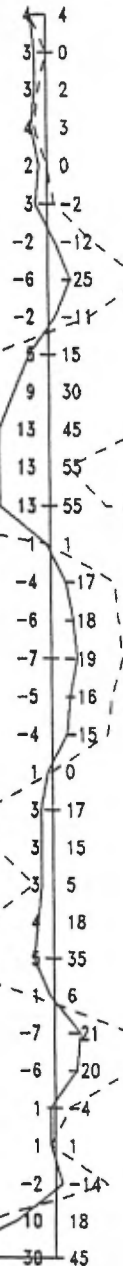
38N

37N

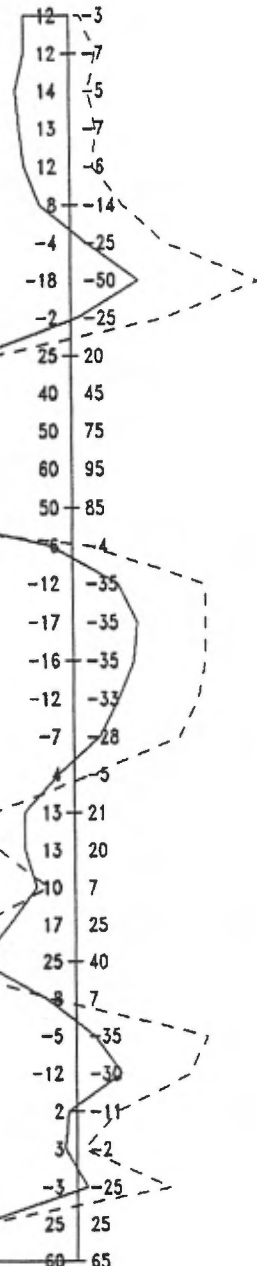
36N

35N

(34+25N = CREEK)



RIDGE  
BED ROCK



L 7000 E

L 7000 E

L 7000 E

LIGNE 70 E

444 Hz

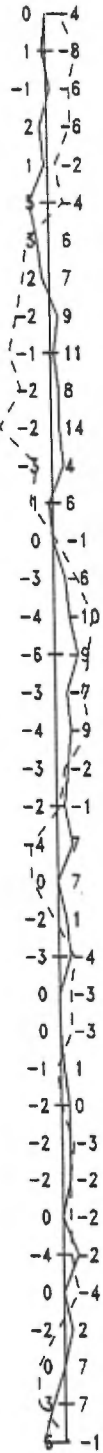
1777 Hz

3555 Hz

L 7400 E

L 7400 E

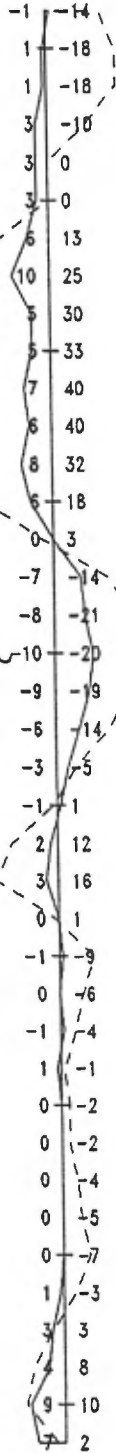
L 7400 E



1000N  
 900N  
 800N  
 700N  
 600N  
 500N  
 400N  
 300N  
 200N  
 100N

(OTTON CREEK)

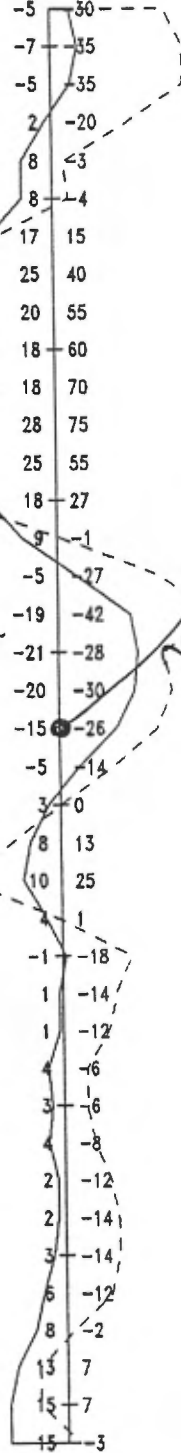
7400 E



BEDROCK RIDGE

POSSIBLE?  
SLICK

7400 E



DDM

LIGNE 74E

400 E