Report on Diamond Drilling
Falconbridge Limited - Exploration

Turnbull Township, Timmins, Ont.
Porcupine Mining Division

NTS 42A-12

2.30252

July 11th, 2005

Prepared by:
Dean Rogers, P.Geo.

Diamond Drilling Assessment Report
Hanna Twp., Porcupine Mining Division

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A) Introduction

A program of diamond drilling was carried out by Falconbridge Limited between December 13th -15th, 2004. The program was aimed at evaluating AEM targets identified from the 2003 Discover Abitibi Kamiskotia MegaTEM survey. A single diamond drill hole was completed in Turnbull Twp., Porcupine Mining Division for a total meterage of 167m. All drilling was completed by Bradley Bros. Limited of Timmins, ON.

B) Property Location & Access

The property consists of a large continguous block of claims located in northern Turnbull and northwestern Godfrey Townships. A listing of the mining claims comprising the property is given in the table below (Table 1). Main access to the property is via the Mallette Logging Road off of Hwy 101 east of Timmins, ON. The TURN-43 grid is accessed through a series of existing bush roads which turn north off of the Mallette Rd. approximately 17km west of Hwy 101 (Fig. 1).

Claim	Units	Township	Due Date	Work Required
P3010165	2	TURNBULL	26-Jun-05	$800
P3010176	5	TURNBULL	26-Jun-05	$2,000
P3010177	2	GODFREY	26-Jun-05	$800
P3010178	1	GODFREY	26-Jun-05	$400
P3010180	1	TURNBULL	26-Jun-05	$400
P3012807	8	TURNBULL	14-Jul-05	$3,200
P3012808	14	TURNBULL	14-Jul-05	$5,600
P3012809	6	TURNBULL	14-Jul-05	$2,400
P3012810	16	TURNBULL	14-Jul-05	$6,400
P3012811	15	TURNBULL	14-Jul-05	$6,000
P3012813	13	TURNBULL	14-Jul-05	$5,200
P3012814	16	TURNBULL	14-Jul-05	$6,400
P3012815	14	TURNBULL	14-Jul-05	$5,600

Table 1 – Property Listing

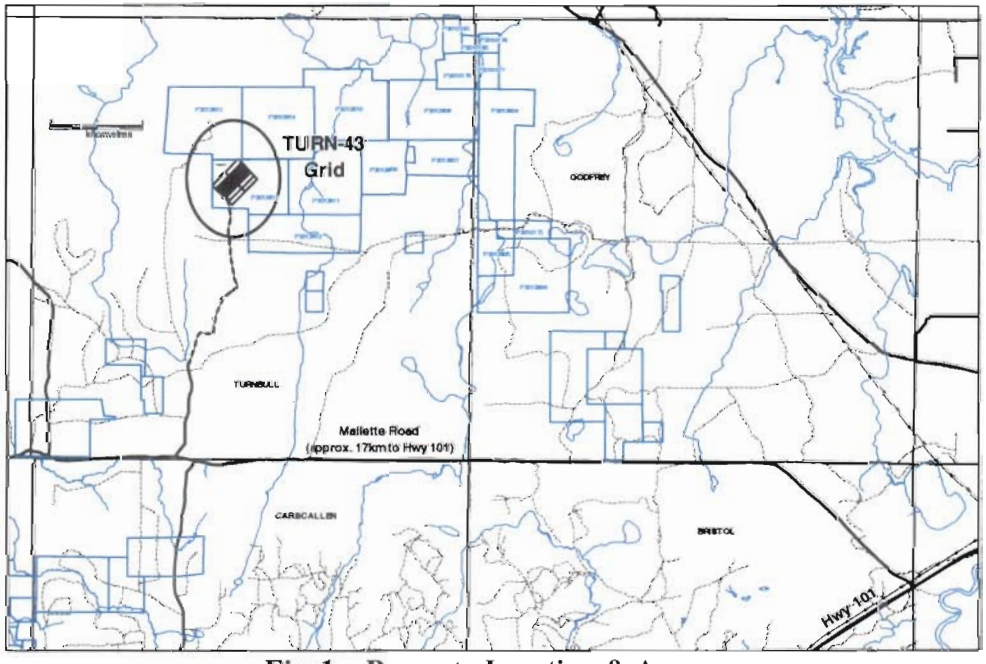

Fig. 1 – Property Location & Access

C) Previous Work

Limited historical work has been completed over the TURN-43 grid. In 1965, **Lancer Petroleums Limited** ran an HLEM survey over a block of 10 claims directly to the west of the present survey area. The survey was carried out along east-west grid lines spaced every 300ft. A coil separation of 200ft was used at a frequency of 1,600 Hz. No conductors were detected.

In 1977, **Conwest Exploration Company** ran an HLEM survey over three clam blocks in Thorburn Township, one directly to the east of the present grid area. The grids on the claim blocks consisted of east-west lines spaced every 400ft. The EM survey was run with a coil separation of 600ft at frequencies of 222, 888 and 1777Hz. Anomalies on a grid to the east of the TURN-43 grid were interpreted to have a surficial source.

In 1984, **G.H. Erikson** ran a magnetic survey over a block of 28 claims directly to the northeast of the present grid area. The survey was run along north-south lines spaced every 300ft with a total field proton precession magnetometer.

In 1987, the Ontario Geological Survey flew an airborne magnetic and EM survey over the Timmins area which included Turnbull Twp. (OGS, 1988). This survey was flown along noth-south lines spaced approximately every 200m.

In 1991, **Falconbridge Limited** carried out magnetic and HLEM surveys over a block of fourteen claims which included the present TURN-43 property. The grid on the property consisted of east-west lines spaced every 100m and picketed every 20m. The magnetic survey was run with a total field proton precession magnetometer and the HLEM survey was run with a coil separation of 150m at frequencies of 444 and 1777Hz. Three diamond drill holes (TURN53-01, 02 & 03 were sunk during the same year to test EM anomalies. The holes intersected mafic to intermediate flows and intrusives. The conductivity might be explained by pyrite-pyrrhotite mineralization in the holes.

D) Current Work Program

Line-cutting and ground geophysics (HLEM & Mag) were completed over the AEM targets covered by the property in July, 2004. Diamond drilling was initiated in early December, 2004 on the HAN-43 grid which saw the completion of a single 167m hole on mining claim P3012813. The hole intersected predominantly intermediate to mafic intrusive rocks with minor mafic volcanic flows towards the bottom of the drillhole. Minor base-metal (sphalertie + chalcopyrite) mineralization associated with quartz-carbonate veining in the intrusives between 81-89m however the The weak HLEM target was likely caused by weak stringery pyrrhotite mineralization associated with this zone.le. Reporting of this work was completed on July 11th, 2005.

E) Personnel

The following persons were involved in the supervision, performance and reporting of this work;

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Field Technician – Falconbridge Limited
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Timmins, ON
P4R 1B8
Work phone : 705-264-5200 (x-8242)

F) References

Ontario Geological Survey, 1988. Airborne Electromagnetic and Total Intensity Survey, Timmins Area. Geophysical-Geochemical Series Map 81076. Scale 1:20,000. Survey and compilation from March, 1987 to October, 1987.

Doug Londry – Timmins Geophysics, 2005. Report on Geophysical Work on TURN-43, Turnbull Twp.

July 13/05

Dean F. Rogers, P.Geo. **Date**
Senior Project Geologist
Falconbridge Limitied

Appendices

FL TIMMINS GEOLOGY - ROCK LEGEND - 2001A

1a. MAIN ROCK DIVISIONS - REGIONAL

15	Phanerozoic Sediments
14	Huronian Supergroup
13	Metamorphic (Unknown)
12	Gneiss
11	Schist
10	Diabase
9	Felsic Intrusive Rocks
8	Intermediate Intrusive Rocks
7	Mafic Intrusive Rocks
6	Ultramafic Intrusive Rocks
5	Sedimentary Rocks
5S	Sulphide (>40%)
4	Felsic Volcanic Rocks
3	Intermediate Volcanic Rocks
3HT	Heterolithic Volcanic Rocks
2	Mafic Volcanic Rocks
1	Ultramafic Volcanic Rocks

1b. MAIN ROCK DIVISIONS - KIDD MINE

A/D1	"Andesite/Diorite" - Type 1
A/D2	"Andesite/Diorite" - Type 2
A/D3	"Andesite/Diorite" - Type 3
A/D4	"Andesite/Diorite" - Type 4
AM	Amphibolite
BA	Black Argillite
BC	Black Chert
BK	Basaltic Komatiite
CB	Cherty Breccia
D	"Dacite"
G	Greywacke
MGT	Magnesium Tholeiite
MMF	Mixed Mafic Fragmental
MRF	Mixed Rhyolite Fragmental
MS	Massive Sulphides
MSC	Massive Sulphides - Mainly CP
MSCS	Massive Sulphides - Mainly CP + SPH
MSP	Massive Sulphides - Mainly PY
MSPO	Massive Sulphides - Mainly PO
MSS	Massive Sulphides - Mainly SPH
MV	Mafic Volcanic
PCR	Pyrite - Carbonate Rock
PK	Pyroxenite Komatiite
QFP	Quartz Feldspar Porphyry
QP	Quartz Porphyry
QV	Quartz Vein
R	Rhyolite
S	Serpentinite
SM	Semi-Massive Sulphides
TC	Talc-Carbonate

1c. OTHER "ROCK" DIVISIONS

CAS	Casing/Overburden
BF	Backfill
BT	Break Through
EOH	End Of Hole
LC	Lost Core
NAVI	Navigational Drilling - No Core
UNK	Unknown

5. MINERALIZATION STYLE

B	Bedded
D	Disseminated/Blebs
F	Fragmental/Clasts
FV	Fracture/vein controlled
M	Massive
S	Stringer
SM	Semi-massive
STN	Stain

MINERALIZATION TYPES

CP	Chalcopyrite
GN	Galena
PN	Pentlandite
PO	Pyrrhotite
PY	Pyrite
Q	Quartz
SPH	Sphalerite

2. TEXTURE & GEOCHEMICAL MODIFIERS

A	Fine Grained	N	Variolitic/Spherulitic
ADC	Adcumulate	NN	Graded Bedding
B	Medium Grained	NT	Net Textured
BD	Bedded	OO	Cross bedding
BK	Basaltic Komatiite	OP	Ophitic
BX	Breccia	ORC	Orthocumulate
C	Coarse Grained	OSX	Olivine Spinifex
CH	Chert	P	Pillowed
DD	Block (>64mm)/Xenolith	PBX	Pillow Breccia
DN	Dunite	PE	Peridotite
E	Amygdaloidal/Vesicular	PH	Porphyritic
EE	Autoclastic/Hyaloclastic	PR	Primitive (Y<20)
EV	Evolved (Y>20<60)	PS	Polysutured
F	Fragmental	PSX	Pyroxene Spinifex
FB	Flow Banded	PX	Pyroxenite
FBX	Flow Breccia	QFP	Quartz-Feldspar Phyric/Porphyry
FF	Feldspar (Albite) Flowers	QP	Quartz Phyric/Porphyry
FP	Feldspar Phyric	QT	Quench Textured/Chilled
GB	Gabbroic Textured	RR	Porphyroblastic
GPH	Graphitic/Argillaceous	RWV	Reworked Volcanic
H	Tholeiitic	S	Sulphides, Exhallites
HEV	Highly Evolved (Y>60)	SKC	Skeletal/Crescumulate
HH	Clast Supported	SS	Hornfels
HT	Heterolithic	SX	Spinifex
I	Alkalic	T	Pyroclastic
IF	Oxide Iron Formation	TKL	Thickly Laminated
II	Matrix Supported	TNL	Thinly Laminated
IBX	Insitu Breccia	TUF	Tuff
J	Calc-Alkalic	TW	Tuffwacke
JJ	Granule (grit 2-4mm)	U	High Mg
K	Komatiitic	V	High Fe
KK	Pebble (4-64mm)	VBX	Volcanic Breccia
LL	Cobble (64-256mm)	W	High Al
LST	Lapillistone	WK	Wacke
LTF	Lapilli Tuff	WW	fragmental (felsic>mafic)
LX	Leucoxene Bearing	X	Andesite
LXP	Leucoxene Bearing -Pink	XX	fragmental (mafic>felsic)
LXW	Leucoxene Bearing -White	Y	Icelandite
M	Massive	YY	Crystal Tuff (>50% of frags)
MM	Boulder (>256)	ZZ	Lithic Tuff (>50% of frags)
MSC	Mesocumulate		

3. STRUCTURAL TYPES

AUG	Augen	GG	Gouge
BC	Broken Core	JTQC	Joint - Quartz Carbonate
BD	Bedding	JTR	Joint - Regular
BDN	Boudinage	LCTBRK	Lower Contact - Broken
BND	Banding	LCTF	Lower Contact - Faulted
DSK	Discing	LCTGRD	Lower Contact - Gradational
FLD	Fold	LCTSHP	Lower Contact - Sharp
FLDB	Fold - Broad	MSF	Moderately Schistose/Foliated
FLDT	Fold - Tight	MZ	Milled Zone
FV	Fractured and Veined	SF	Schistose/Foliated
FZ	Fault (Fault Zone)	SHZ	Shear (Shear Zone)
FZBX	Fault Zone - Breccia	SSF	Strongly Schistose/Foliated
FZG	Fault Zone - Gouge	VSSF	Very Strongly Schistose/Foliated
FZS	Fault Zone - Very Strong Schisosity	WSF	Weakly Schistose/Foliated

4. ALTERATION TYPES

AB	Albitization	HE	Hematization
B	Biotite	K	Potassic Alteration
BL	Bleached/Bleaching	KA	Kaolinitization
CA	Carbonatization	RS	Rust Staining
CC	Calcite (Calcitic Alt.)	SE	Sericitization
CHL	Chloritization	SER	Serpentinization
EP	Epidotization	SI	Silicification
F	Fuchsite	SID	Sidente (Fe-Carbonate)
GPH	Carbonaceous	T	Talcose (+/- Carbonate)

ALTERATION STYLE		ALTERATION INTENSITY	
S	Spots	S	Strong
FV	Fracture/vein controlled	M	Moderate
P	Pervasive	W	Weak

Example: EpPW = Epidote,Pervasive,Weak

DETAILED LOG
FALCONBRIDGE LTD.

Hole Number: **TURN43-01**

Units: METRIC

Project Name:	Exploration	Location:	Turnbull Twp.	Primary Coordinates		Destination Coordinates		Alternate Coordinates		Collar Dip:	-45.00
Project Number:	Explor	Section:		Grid:	UTM: (P)	Grid:	UTM:	Grid:	UTM:	Collar Az:	45.00
Claim Number:	P3012813	Parent (if wedge):		North:	5372370.00	North:	5372370.00	North:	900.00	Length:	165.31
Hole Type:	Exploration			East:	450500.00	East:	450500.00	East:	1250.00	Start Depth:	0.00
				Elev:	300.00	Elev:	300.00	Elev:		Final Depth:	165.31

Date Started:	Dec 13, 2004	Collar Survey:	N	Pulse EM Survey:		Multishot Survey:	N
Date Completed:	Dec 15, 2004	Making Water:	N	Plugged:	N	Is Cemented:	N
Date Entered:	Jan 14, 2005	Gas Intersected:	N	Object In Hole:	N	Verified:	N
Logged By:	L. Pigeon						

Contractor:	BRADLEY BROS.				
Core Storage:	Kidd Creek				
Casing:	8m				
Hole Size:	BQ				

Comments:

Directional Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
20.00	44.90	-43.50	T	OK	
80.00	54.40	-43.30	T	OK	

For Logan Pigeon

DETAILED LOG
FALCONBRIDGE LTD.

Hole Number:**TURN43-01**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
0.00 TO 8.00	**(CAS) Casing/Overburden**				
8.00 TO 12.50	**(9) Felsic Intrusive Rocks** Medium-grained light pink massive felsic intrusive rock (Qz-monzonite)	8.00 - 12.50: (M) Massive 8.00 - 12.50: (B) Medium Grained	11.00 - 11.20: (BC) Broken Core, 12.49 - 12.50: (LCTSHP) Lower Contact - Sharp, 45 Deg to CA		

Hole Number:**TURN43-01**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
12.50 TO 124.50	**(8) Intermediate Intrusive Rocks** Plagioclase porphyritic intermediate intrusive rock. The matrix is very fine grained and dark-gray. Plagioclase crystals are white, subhedral to euhedral and are commonly up to 3mm in size. Plagioclase crystals are often zoned. The rock is x-cut by several coarse-grained tonalite veins and dykes that can be up to 1m thick. Spalerite mineralization is associated with thin calcite veins. Cp mineralization is almost totaly confined to a 30cm qz-vein; the vein also contains Po. Po also occurs in thin massive lenses and blebs than can reach up to 4 cm thick. Pyrite is dessiminated and also occurs as small blebs. 46.50 - 47.00 **(9) Felsic Intrusive Rocks** Coarse-grained tonalite dyke 55.90 - 56.80 **(9) Felsic Intrusive Rocks** Coarse-grained tonalite dyke 71.50 - 77.10 **(7) Mafic Intrusive Rocks** 77.10 - 79.00 **(9) Felsic Intrusive Rocks** Coarse-grained tonalite dyke 106.70 - 108.20 **(7) Mafic Intrusive Rocks** Fine-grained mafic dyke cross-cutting the plag. porphyritic unit. The rock is a very-fine grained gabbro.	12.50 - 124.50: (FP) Feldspar Phyric plagioclase 12.50 - 124.50: (B) Medium Grained 12.50 - 124.50: (A) Fine Grained	81.40 - 81.60: (JTR) Joint - Regular, 30 Deg to CA 81.70 - 82.10: (JTR) Joint - Regular, 30 Deg to CA 83.50 - 83.70: (JTR) Joint - Regular, 20 Deg to CA 84.10 - 84.40: (JTR) Joint - Regular, 20 Deg to CA 94.50 - 94.70: (FZ) Fault (Fault Zone), 106.70 - 106.90: (BC) Broken Core, 109.20 - 109.50: (JTR) Joint - Regular, 20 Deg to CA		81.40 - 88.60: 0.05% (SPH) Sphalerite, (FV) Fracture/Veined Controlled in carbonate veins 81.40 - 88.60: 1.5% (PY) Pyrite, (D) Disseminated/Blebby 81.40 - 88.60: 2.5% (PO) Pyrrhotite, (D) Disseminated/Blebby both dess and blebs 88.60 - 89.00: 3% (PO) Pyrrhotite, (FV) Fracture/Veined Controlled 88.60 - 89.00: 4% (CP) Chalcopyrite, (FV) Fracture/Veined Controlled 89.00 - 104.00: 2% (PO) Pyrrhotite, (D) Disseminated/Blebby 89.00 - 104.00: 0.01% (CP) Chalcopyrite, (FV) Fracture/Veined Controlled 89.00 - 104.00: 0.75% (PY) Pyrite, (D) Disseminated/Blebby 101.90 - 102.50: 18% (MAG) Magnetite, (D) Disseminated/Blebby

Hole Number: **TURN43-01**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
124.50 TO 141.30	**(2) Mafic Volcanic Rocks** Fine-grained equigranular massive mafic volcanic rock. The rock is light greenish gray. The bottom contact is defined by a low angle fault. This unit may also be a fine grained gabbro dyke.	124.50 - 141.30: (M) Massive 124.50 - 141.30: (A) Fine Grained	141.10 - 141.30: (FZG) Fault Zone - Gouge, 30 Deg to CA		
141.30 TO 165.30	**(8) Intermediate Intrusive Rocks**		148.00 - 148.50: (JTR) Joint - Regular, with bc 149.40 - 149.50: (FZG) Fault Zone - Gouge, 149.90 - 150.00: (FZG) Fault Zone - Gouge,		
165.30 TO 165.31	**(EOH) End of Hole**				

Hole Number: **TURN43-01**

Units: METRIC

Assay Information - Kidd Mine

Sample Number	Type	From	To	Length	S.G.	Ag gpt	Cu %	Zn %	Pb %	S %	Fe %	Se gpt	Sn %	Ni %	Au ppb	Mineralization	Alteration	Rock	Comments
AV01494	ASSAY	81.40	82.10	0.70											3				
AV01495	ASSAY	82.50	84.40	1.90											1				
AV01496	ASSAY	84.40	86.00	1.60											1				
AV01497	ASSAY	86.00	87.50	1.50											3				
AV01498	ASSAY	87.50	88.60	1.10											7				
AV01499	ASSAY	88.60	89.00	0.40											418				
AV01500	ASSAY	89.00	90.50	1.50											7				
AV03151	ASSAY	90.50	92.00	1.50											17				
AV03152	ASSAY	92.00	93.50	1.50											2				
AV03153	ASSAY	93.50	95.00	1.50											7				
AV03154	ASSAY	95.00	96.50	1.50											1				
AV03155	ASSAY	96.50	98.00	1.50											1				
AV03156	ASSAY	98.00	99.50	1.50											3				
AV03157	ASSAY	99.50	101.00	1.50											7				
AV03158	ASSAY	101.00	101.90	0.90											1				
AV03159	ASSAY	101.90	102.50	0.60											3				
AV03160	ASSAY	102.50	104.00	1.50											10				

Hole Number: **TURN43-01**

Units: METRIC

Assay Information - Exploration

Sample Number	Type	From	To	Length	Ag ppm	Cu gpt	Zn gpt	Pb gpt	Au ppb	Ni gpt	Co gpt	S gpt	S %	Cd gpt	Pd ppb	Pt ppb	Os ppb	Sn gpt	Se gpt	In gpt	Bi gpt	Mineralization	Alteration	Rock	Comments
AV01494	ASSAY	81.40	82.10	0.70	0	159	8980	25	3	36	34														
AV01495	ASSAY	82.50	84.40	1.90	0	100	1330	1	1	44	34														
AV01496	ASSAY	84.40	86.00	1.60	0	27	123	15	1	40	25														
AV01497	ASSAY	86.00	87.50	1.50	0	156	1160	4	3	33	31														
AV01498	ASSAY	87.50	88.60	1.10	0	561	191	8	7	45	66														
AV01499	ASSAY	88.60	89.00	0.40	32	10000	1140	100	418	33	148														
AV01500	ASSAY	89.00	90.50	1.50	1	1060	266	2	7	36	37														
AV03151	ASSAY	90.50	92.00	1.50	1	717	209	2	17	61	67														
AV03152	ASSAY	92.00	93.50	1.50	1	315	290	2	2	53	56														
AV03153	ASSAY	93.50	95.00	1.50	0	143	588	1	7	105	35														
AV03154	ASSAY	95.00	96.50	1.50	0	107	140	1	1	110	56														
AV03155	ASSAY	96.50	98.00	1.50	0	35	49	1	1	101	25														
AV03156	ASSAY	98.00	99.50	1.50	0	77	35	1	3	65	37														
AV03157	ASSAY	99.50	101.00	1.50	0	302	49	1	7	60	52														
AV03158	ASSAY	101.00	101.90	0.90	0	11	36	1	1	33	20														
AV03159	ASSAY	101.90	102.50	0.60	0	68	53	1	3	34	28														
AV03160	ASSAY	102.50	104.00	1.50	0	32	41	1	10	46	31														

Hole Number: **TURN43-01**

Units: METRIC

Assay Information - Visual Estimates + Calculated Grades

					Estimates								Calculations							
Sample Number	Type	From	To	Length	Cp %	Sph %	Gn %	Py %	Po %	Bo %	Au gpt	Ni %	Cu %	Zn %	Pb %	Ni %	Mineralization	Alteration	Rock	Comments
AV01494	ASSAY	81.40	82.10	0.70									0.00		0.00	0.00				
AV01495	ASSAY	82.50	84.40	1.90									0.00		0.00	0.00				
AV01496	ASSAY	84.40	86.00	1.60									0.00		0.00	0.00				
AV01497	ASSAY	86.00	87.50	1.50									0.00		0.00	0.00				
AV01498	ASSAY	87.50	88.60	1.10									0.00		0.00	0.00				
AV01499	ASSAY	88.60	89.00	0.40									0.00		0.00	0.00				
AV01500	ASSAY	89.00	90.50	1.50									0.00		0.00	0.00				
AV03151	ASSAY	90.50	92.00	1.50									0.00		0.00	0.00				
AV03152	ASSAY	92.00	93.50	1.50									0.00		0.00	0.00				
AV03153	ASSAY	93.50	95.00	1.50									0.00		0.00	0.00				
AV03154	ASSAY	95.00	96.50	1.50									0.00		0.00	0.00				
AV03155	ASSAY	96.50	98.00	1.50									0.00		0.00	0.00				
AV03156	ASSAY	98.00	99.50	1.50									0.00		0.00	0.00				
AV03157	ASSAY	99.50	101.00	1.50									0.00		0.00	0.00				
AV03158	ASSAY	101.00	101.90	0.90									0.00		0.00	0.00				
AV03159	ASSAY	101.90	102.50	0.60									0.00		0.00	0.00				
AV03160	ASSAY	102.50	104.00	1.50									0.00		0.00	0.00				

Hole Number: **TURN43-01**

Units: METRIC

WRA Information - Oxides

Sample Number	From	To	Length	Rock	CHEMID	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	Cr2O3 %	LOI %	SUM %	Cr ppm	Y ppm	Zr ppm	Cu ppm	Zn ppm	Mineralization	Alteration	Comments
AV02947	14.00	17.00	3.00			55.86	1.27	16.05	9.45	0.19	2.89	8.39	3.57	0.74	0.31		0.81	99.66	130	20	168	75	178			
AV02948	59.00	62.00	3.00			58.89	0.91	15.92	7.41	0.12	3.58	6.91	3.20	1.01	0.24		1.35	99.68	197	21	163	83	142			
AV02949	110.00	113.00	3.00			59.90	0.93	15.94	7.51	0.12	3.40	6.62	3.15	0.95	0.24		0.88	99.75	220	18	152	58	155			
AV02950	134.00	137.00	3.00			47.34	0.64	16.30	9.58	0.17	9.02	9.94	2.47	1.22	0.10		2.54	99.46	437	15	60	103	91			

Hole Number:**TURN43-01**

Units: METRIC

WRA Information - Pathfinders

Sample Number	From	To	Length	Rock	CHEMID	CO2 %	S %	S ppm	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Co ppm	Ag gpt	Au ppb	Mn ppm	As ppm	Sb ppm	Hg ppb	W ppm	Mo ppm	Tl ppm	Ba ppm	Bi ppm	Sn ppm	Se ppm	F ppm
AV02947	14.00	17.00	3.00						75	178		49	37										177				
AV02948	59.00	62.00	3.00						83	142		70	34										245				
AV02949	110.00	113.00	3.00						58	155		65	35										164				
AV02950	134.00	137.00	3.00						103	91		126	49										154				

Hole Number:**TURN43-01**

Units: METRIC

WRA Information - Mixed

Sample Number	From	To	Length	Rock	CHEMID	Cd ppm	V ppm	B ppm	Be ppm	Br ppm	Ga ppm	Ge ppm	In ppm	Ir ppb	Li ppm	Rb ppm	Sr ppm	Cs ppm	Sc ppm	Hf ppm	Pt ppb	Pd ppb	Re ppb	Rh ppb	Ru ppb
AV02947	14.00	17.00	3.00				158		6							50	260		18						
AV02948	59.00	62.00	3.00				131		3							50	220		17						
AV02949	110.00	113.00	3.00				137		3							50	219		17						
AV02950	134.00	137.00	3.00				212		3							50	159		31						

Hole Number:**TURN43-01**

Units: METRIC

WRA Information - Traces/REE

Sample Number	From	To	Length	Rock	CHEMID	Ta ppm	Th ppm	U ppm	Nb ppm	Y ppm	Zr ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm	34S pmil	18O pmil
AV02947	14.00	17.00	3.00						5	20	168																
AV02948	59.00	62.00	3.00						5	21	163																
AV02949	110.00	113.00	3.00						5	18	152																
AV02950	134.00	137.00	3.00						5	15	60																

Hole Number:**TURN43-01**

Units: METRIC

WRA Alteration Indices

Sample Number	From	To	Length	Rock	CHEMID	Al2O3/TiO2	Zr/Y	ALUM	ISHIKW	ACNK	SERICIT	Ca/Al	Zn/Na2O	MgO NUM	Ni/MgO	CuZn	Co/Ni	MineralizationAlterationComments
AV02947	14.00	17.00	3.00			12.64	8.40	126.38	23.28	0.56	0.08	0.52	50	0.42	16.96	29.64	0.76	
AV02948	59.00	62.00	3.00			17.49	7.76	143.17	31.22	0.64	0.13	0.43	44	0.53	19.55	36.89	0.49	
AV02949	110.00	113.00	3.00			17.14	8.44	148.69	30.81	0.67	0.13	0.42	49	0.51	19.12	27.23	0.54	
AV02950	134.00	137.00	3.00			25.47	4.00	119.59	45.21	0.51	0.11	0.61	37	0.69	13.97	53.09	0.39	

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

5W-1199-RG1

Company: **FALCONBRIDGE (EXPL) LTD**
Project: 563
Attn: D. Rogers

Date: MAY-27-05

We hereby certify the following Geochemical Analysis of 7 Core samples submitted MAY-24-05 by .

Sample Number	Au_PPB	Cu_gpt	Cu_%	Zn_gpt	Pb_gpt	Ag-PPM	Ni_gpt	Co_gpt
AV01494	3	159	-	8980	25	0.3	36	34
AV01495	<2	100	-	1330	1	0.1	44	34
AV01496	<2	27	-	123	15	0.2	40	25
AV01497	3	156	-	1160	4	0.1	33	31
AV01498	7	561	-	191	8	0.2	45	66
AV01499	418	>10000	2.94	1140	100	32.0	33	148
AV01500	7	1060	-	266	2	0.7	36	37

Certified by Denis Charles

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Assayer ada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

FACONBRIDGE (EXPL) LTD
Attention: D. Rogers
Project:
Sample: Core

Report No : 5W0636 RL
Date : Apr-14-05

ICP Whole Rock Assay

Lithium Metaborate Fusion

Sample Number	SiO_2 %	Al_2O_3 %	Fe_2O_3 %	CaO %	MgO %	Na_2O %	TiO_2 %	K_2O %	MnO %	P_2O_5 %	LOI %	Ba ppm	Sr ppm	Zr ppm	Sc ppm	Y ppm	Be ppm	Co ppm	Cr ppm	Cu ppm	Ni ppm	V ppm	Zn ppm	Rb ppm	Nb ppm	Total %
AV02936	50.64	13.46	14.30	8.40	5.84	2.41	0.98	0.90	0.21	0.11	2.47	74	140	73	45	22	<5	61	59	34	53	356	89	<100	<10	99.81
AV02937	51.89	13.03	13.21	8.14	6.52	2.64	0.84	0.65	0.19	0.10	2.53	81	127	58	42	19	<5	58	85	36	32	335	32	<100	<10	99.83
AV02938	50.35	13.44	12.74	9.47	7.08	1.96	0.81	1.35	0.18	0.09	2.27	71	130	54	43	18	<5	54	104	33	48	335	67	<100	<10	99.86
AV02939	50.87	13.48	11.05	10.19	7.39	1.85	0.73	1.59	0.16	0.08	2.46	72	143	64	41	15	<5	49	199	40	62	287	36	<100	<10	99.96
AV02940	50.87	12.77	14.59	5.77	8.06	1.68	0.94	1.12	0.20	0.11	3.63	138	149	69	40	20	<5	58	54	49	25	346	115	<100	<10	99.84
AV02941	42.24	6.16	11.85	2.88	26.58	0.13	0.33	0.44	0.13	0.06	8.45	<10	52	21	22	6	<5	102	3500	55	973	151	73	<100	<10	99.75
AV02943	52.00	13.67	11.39	8.35	7.67	2.59	0.72	0.58	0.17	0.08	2.64	87	168	54	41	14	<5	54	229	33	80	304	91	<100	<10	99.99
AV02944	71.55	13.76	1.77	0.97	0.32	4.01	0.07	6.25	0.04	0.03	0.46	59	34	77	<5	32	<5	<5	156	37	16	33	84	<100	<10	99.31
AV02945	58.04	14.98	9.83	6.56	3.36	3.12	0.71	1.77	0.20	0.14	0.97	209	251	85	13	13	<5	32	65	40	65	143	105	<100	<10	99.78
AV02946	56.32	17.79	6.85	10.00	2.12	3.05	0.78	0.85	0.12	0.18	1.57	106	289	89	22	16	<5	29	144	38	48	181	78	<100	<10	99.73
AV02947	55.86	16.05	9.45	8.39	2.89	3.57	1.27	0.74	0.19	0.31	0.81	177	260	168	18	20	6	37	130	75	49	158	178	<100	<10	99.66
AV02948	58.89	15.92	7.41	6.91	3.58	3.20	0.91	1.01	0.12	0.24	1.35	245	220	163	17	21	<5	34	197	83	70	131	142	<100	<10	99.68
AV02949	59.90	15.94	7.51	6.62	3.40	3.15	0.93	0.95	0.12	0.24	0.88	164	219	152	17	18	<5	35	220	58	65	137	155	<100	<10	99.75
AV02950	47.34	16.30	9.58	9.94	9.02	2.47	0.64	1.22	0.17	0.10	2.54	154	159	60	31	15	<5	49	437	103	126	212	91	<100	<10	99.46
AR04390	58.13	10.56	2.76	0.10	0.51	1.96	0.23	6.66	0.03	0.03	1.15	699	24	225	<5	102	<5	5	328	39	63	27	20	188	<10	82.30
AV04701	47.15	13.93	15.63	7.51	6.05	3.77	1.42	0.34	0.31	0.13	3.18	139	125	82	51	31	6	69	73	128	52	455	131	<100	19	99.56
AV04702	47.53	13.44	16.75	4.87	4.36	4.34	1.55	0.61	0.27	0.15	5.66	269	106	109	18	24	7	68	19	60	28	289	101	<100	<10	99.64
AV04703	37.87	9.93	14.46	3.06	23.01	0.07	0.52	0.08	0.18	0.08	9.91	<10	78	32	37	10	<5	123	3159	105	1174	236	95	<100	<10	99.67
AV04704	46.98	9.50	14.95	10.35	10.48	2.80	1.11	0.21	0.22	0.11	2.67	46	114	67	41	19	5	79	470	233	191	305	129	<100	<10	99.56
AV04705	44.94	13.13	15.99	7.39	3.63	4.11	1.64	0.42	0.22	0.15	7.83	63	159	110	18	25	7	70	30	46	31	294	99	<100	<10	99.56
AV04706	48.44	14.11	14.56	8.36	5.52	4.10	1.22	0.48	0.24	0.13	2.39	115	236	83	24	20	5	69	32	165	74	292	129	<100	<10	99.67
AV04707	50.31	5.88	12.05	13.82	12.78	1.49	0.84	0.21	0.19	0.09	2.13	32	75	50	52	13	<5	71	479	131	239	279	69	<100	<10	99.94
AV04708	48.18	7.76	12.96	9.35	11.12	0.75	0.95	0.21	0.22	0.11	7.91	41	102	66	42	17	<5	70	602	151	197	270	105	<100	<10	99.68
AV04709	50.63	13.32	10.65	9.06	8.47	2.68	0.64	0.70	0.18	0.10	3.39	85	178	50	33	12	<5	55	529	115	124	246	69	<100	<10	99.99
AV04710	50.24	13.19	9.96	9.02	7.92	1.88	0.64	1.33	0.16	0.09	3.94	266	185	53	31	11	<5	49	279	77	88	256	67	<100	<10	98.50
AV04711	49.90	13.16	9.88	8.94	7.85	1.91	0.63	1.48	0.15	0.09	4.47	247	176	49	30	11	<5	45	261	60	80	214	46	<100	<10	98.59

Sample (AR04390) matrix not compatible with this analysis type.

Sample is fused with Lithium metaborate
and dissolved in dilute HNO3.

Signed: Judy Pacan

2.30252

0 10 20
metres

P3012813

L 12+00E

L 12+50E

L 13+00E

BL 10+00N

EOH

166m

8

2

8

9

TURN43-01

Az: 045 deg., Dip; -45 deg., length - 166m

L 12+50E, 9+00N (450,500mE 5,372,370mN)

ASTRONOMIC

N

FALCONBRIDGE LIMITED

Exploration Division Timmins, ONTARIO

Grid TURN-15 - Turnbull Twp.

Diamond Drill Plan

TURN43-01

DRAWN : DFR	DATE :	MAP No:	FILE:
SUPERVISED : N.D.	DATE :	1 : 500	
REVISED:	DATE:		

L 8+00 N

L 9+00 N

BL 10+00 N

L 11+00 N

P3012813

TURN43-01

Az: 045 deg., Dip; -45 deg., length - 166m
L 12+50E, 9+00N (450,500mE 5,372,370mN)

300m

Overburden

9

1

8

AV01494
AV01495
AV01496
AV01497
AV01498
AV01500
AV03151
AV03152
AV03153
AV03154
AV03155
AV03156
AV03157
AV03159
AV03160
AV01499
AV03158

1

2

1

8

166m

EOH

200m

100m

50m

0m

FALCONBRIDGE LTD.

Exploration - Timmins

First Nickel Kamiskotia JV
(PN 563)

L 12+50E (TURN-43)

TURN43-01

(LOOKING NORTHWEST)

2.30252