

**Report on Diamond Drilling
DDH GY21-01/02/02A & GY23-01**

Falconbridge Limited – Exploration

Geary Township, Timmins, Ont.
Porcupine Mining Division

NTS 42A-13

2.32262

May 19th, 2006



Prepared by:
Dean Rogers, P.Geo.

Diamond Drilling Assessment Report

GearyTwp., Porcupine Mining Division

Contents

- A) Introduction
- B) Property Location & Access
- C) Previous Work
- D) Current Work Program
- E) Personnel
- F) References

Appendices

- 1) FL Rock Code Legend
- 2) Diamond Drill Logs – GY21-01
GY21-02
GY21-02A
GY23-01
- 3) Assay & Whole Rock Certificates
- 4) DDH Sections - Back Pocket
- 5) DDH Plan Maps - Back Pocket

A) Introduction

A program of diamond drilling was carried out by Falconbridge Limited between August 4th – 30th, 2004. The program was aimed at evaluating AEM targets identified from the 2002 Discover Abitibi MegaTEM survey. Four diamond drill holes (GY21-01, GY21-02, GY21-02A and GY23-01) were completed in Reaume Twp., Porcupine Mining Division for a total meterage of 903m. All drilling was completed by Bradley Bros. Limited of Timmins, ON.

B) Property Location & Access

The original property consisted of three isolated claims located in Geary and Wilhemina Twps. Additional staking of three claims was completed in mid-program prior to the drilling of DDH GY21-02. A listing of the mining claims comprising the property is given in the table below (Table 1 & Fig. 1). Main access to the property is via 'Thorburn Logging Rd.', an all season logging road which extends from the Kamiskotia Hwy. just north of Kamiskotia Lake (see Fig. 2). Further access to the individual grids is provided by several logging and skidder trails.

Claim	Township	Units	Recorded	Due Date	Work Required
P3010156	Geary	9	20-May-03	20-May-06	\$316
P3010157	Geary	7	20-May-03	20-May-07	\$2,681
P3010158	Wilhemina	9	20-May-03	20-May-07	\$3,574
P3013819	Wilhemina	6	16-Aug-04	16-Aug-06	\$2,400
P3013820	Wilhemina	5	16-Aug-04	16-Aug-06	\$2,000
P3013821	Geary	10	16-Aug-04	16-Aug-06	\$4,000

Table 1 – Property Listing

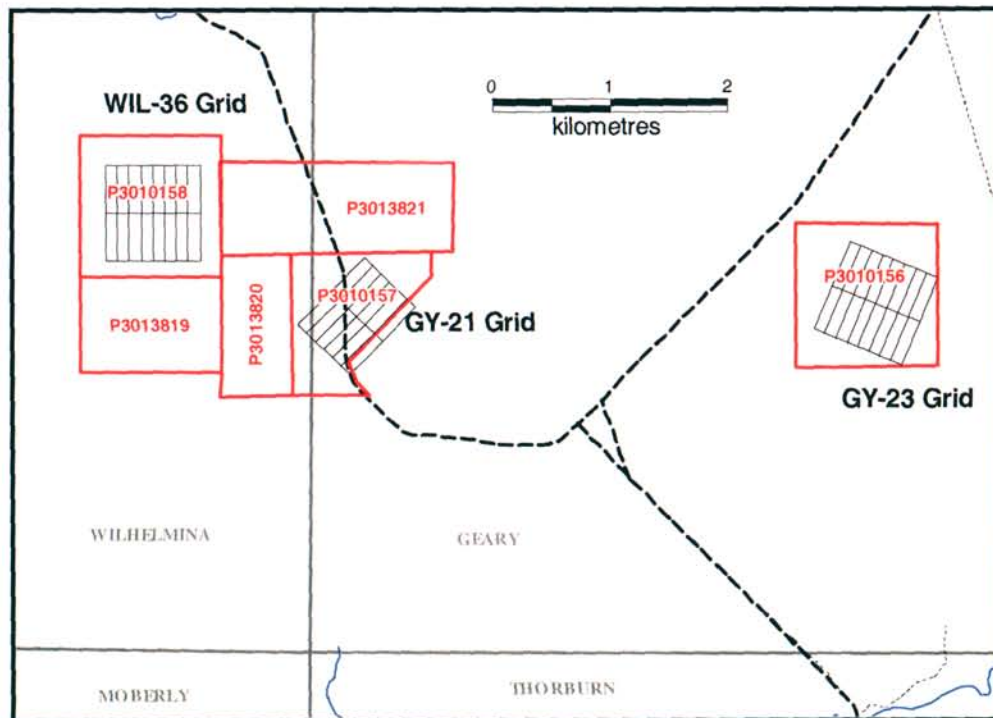


Fig. 1 – Property Position

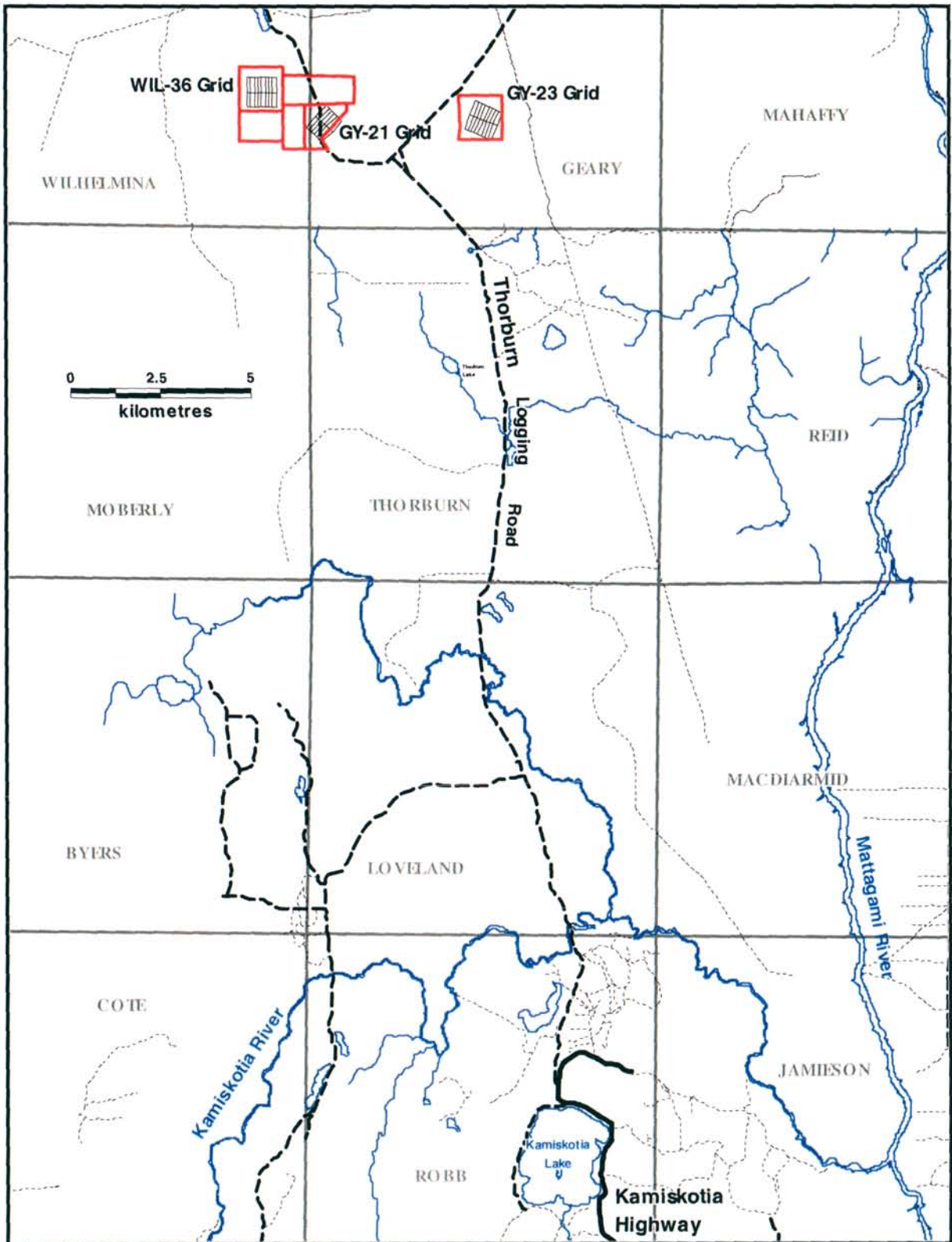


Fig. 2 – Property Location & Access

C) Previous Work

No outcrop is known to exist in the GY-21 & 23 grid areas which have seen limited historical exploration work. The GY-21 area has seen more significant historical work consisting of numerous ground geophysical surveys and diamond drilling with lesser work being completed in the GY-23 area. A summary of exploration work completed is presented in the tables below.

Company	Work Type	Year	AFRI File	Work Report
Yukeno Mines	EM & Magnetics	n/a	42A13SE8657	n/a
Mespi Mines	Drilling	1966	42A13SE0010	n/a
Mespi Mines	EM & Magnetics	1966	42A13SE0032	n/a
Gulf Minerals Ltd.	Drilling	1981	42A13SE0015	n/a
Gulf Minerals Ltd.	Magnetics	1982	42A13SE0013	W8206-00114
Falconbridge Limited	EM & Magnetics	1988	42A13SE0011	W8806-00174
Noranda Exploration	EM & Magnetics	1989	42A13SW0002	W8906-00234
Cross Lake Minerals	EM & Magnetics	1989	42A13SW0007	W8906-00265
Falconbridge Limited	Drilling	1989	42A13SE0007	W8906-00452
Falconbridge Limited	Drilling	1990	42A13SE0008	W9006-60257
Noranda Exploration	Drilling & Geochemistry	1990	42A13SW0004	W9006-60433
Falconbridge Limited	Drilling & Geochemistry	1991	42A13SE0002	W9106-00027

Table 2 – GY-21 Grid Area Historical Work

Company	Work Type	Year	AFRI File	Work Report
Yukeno Mines	EM & Magnetics	n/a	42A13SE0034	n/a
Gulf Minerals Ltd.	Magnetics	1982	42A13SE0014	n/a
D. Meunier	Geology	1986	42A13SE0012	W8606-00380
Falconbridge Limited	Drilling	1990	42A13SE0008	W9006-60257

Table 2 – GY-23 Grid Area Historical Work

Considerable drilling was completed north of the GY-21 grid area along an east-west trending magnetic high. The earliest drilling was performed by **Mespi Mines** in 1966 which intersected ultrafract stratigraphy with minor intercalated sulphidic graphitic argillite horizons. Additional drilling was also completed by **Gulf Minerals** in 1981 intersecting predominantly felsic volcanic rocks carrying minor pyrite-pyrrhotite mineralization. The most significant drilling program however was by **Falconbridge Limited** who completed 5 DDH's in the area between 1988-1990, intersecting a mafic to ultramafic sequence of volcanics. Minor felsic volcanic and graphitic argillite units were found near the contact between the mafic and ultramafic units. No significant assays were encountered and targeted EM anomalies were explained by the graphitic sediments.

No drilling has been completed in the immediate area of the GY-23 property however, again, considerable drilling has been performed approximately 1km northwest of the grid along the same ultramafic horizon targeted by drilling in the GY-21 area. Most of the work was performed by **Falconbridge Limited** and **Gulf Minerals** between 1981-1990. The drilling intersected complex stratigraphy consisting of felsic to ultramafic volcanics and intrusives. Again, numerous sulphidic, graphitic argillite horizons were intersected however no significant mineralization was encountered.

D) Current Work Program

Line-cutting and ground geophysics (HLEM & Mag) were completed over the targeted AEM anomalies on the GY-21 & 23 grids in April-May, 2004. Diamond drilling was initiated in early-August on the GY-21 grid with the completion of DDH GY21-01 (224m). The hole intersected predominantly mafic volcanic rocks with minor interbedded felsic and ultramafic units. The EM response was explained by minor graphitic argillite horizons intersected between 142.2-145.5m

and 161.0-161.5m. Borehole EM surveys were completed on the hole which identified an off-hole anomaly associated with a thin cherty horizon at ~161m which carried trace sphalerite mineralization. A follow-up hole, GY21-02 was drilled however after coring a thin sequence of mafic volcanic rocks, the drill rods became stuck in the hole at a depth of 184m before reaching the targeted depth and the hole was abandoned. The hole was recollared as DDH GY21-02A which was completed to a depth of 251m. The hole collared in a sequence of graywackes before intersecting the conductor between 118-122m, a barren graphitic argillite horizon at the base of the greywacke sequence. Mafic volcanics were cored for the remainder of the hole except for an interval of graphitic, felsic fragmental rocks between 208-248m. No significant assays were encountered.

Drilling on the GY-23 grid commenced in late August, 2004. DDH GY23-01 was completed to a depth of 245m and cored in a thick gabbroic dyke to a depth of approximately 209m before entering a sequence of felsic volcanic rocks. The EM anomaly was explained by 10m thick graphitic argillite horizon within the felsic sequence between 222-232m. An off-hole borehole EM anomaly was identified by subsequent down-hole surveys at a depth of ~125m however the weak response was interpreted to be caused by the off-set equivalent of the deeper argillite on the opposite side of the gabbroic dyke. No significant assays were returned.

E) Personnel

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

Dean F. Rogers, P.Geo.

Senior Project Geologist – Falconbridge Limited
218 Ottolen St.
Porcupine, ON
P4N 7H9
Work phone : 705-264-5200 (x-8280)

Luc Pigeon, GIT

Associate Geologist – Falconbridge Limited
165 Tamarack St.
Timmins, ON
P4N 1A2
Work phone : 705-264-5200 (x-8211)

Cliff David

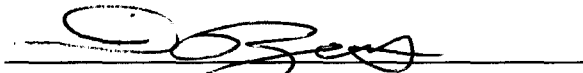
Field Technician – Falconbridge Limited
126 Clifford St.
Timmins, ON
P4R 1B8
Work phone : 705-264-5200 (x-8242)

F) References

ERMES Assessment File Database, various assessment files

Ayer, J.A. and Trowell, N.F.

**1998: Geological Compilation of the Timmins Area, Abitibi Greenstone Belt; Ontario
Geological Survey, Preliminary Map P.3379, scale 1:100,000.**

A handwritten signature in black ink, appearing to read 'D. Rogers', is written over a horizontal line.

Dean F. Rogers, P.Geo.
Senior Project Geologist
Falconbridge Limited

A vertical dashed line consisting of 20 short, thick black horizontal bars spaced evenly along the left edge of the page.

Appendices

Jun 30, 2005



DETAILED LOG FALCONBRIDGE LTD.

Page 1 of 1

Hole Number: **GY21-01**

Units: METRIC

Project Name: Exploration	Location: Geary Twp.	Primary Coordinates	Destination Coordinates	Alternate Coordinates	Collar Dip: -50.00
Project Number: Explor	Section:	Grid: UTM: (P)	Grid: UTM:	Grid: UTM:	Collar Az: 45.00
Claim Number: P3010157	Parent (if wedge):	North: 5407847.00	North: 5407847.00	North: 775.00	Length: 224.01
Hole Type: Exploration		East: 446563.00	East: 446563.00	East: 1300.00	Start Depth: 0.00
		Elev: 300.00	Elev: 300.00	Elev:	Final Depth: 224.01
Date Started: Aug 04, 2004	Collar Survey: N	Pulse EM Survey:	Multishot Survey: N	Contractor: BRADLEY BROS.	
Date Completed: Aug 09, 2004	Making Water: N	Plugged: N	Is Cemented: N	Core Storage: Kidd Creek	
Date Entered: Sep 23, 2004	Gas Intersected: N	Object In Hole: N	Verified: N	Casing: 55m	
Logged By: L. Pigeon				Hole Size: BQ	

Comments AU in the sample numbers are shown as AV on lab certificates

Directional Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
65.00	39.10	-48.40	T	OK	
125.00	39.20	-47.90	T	OK	
185.00	38.80	-46.70	T	OK	

L. Pigeon



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY21-01**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
0.00 TO 55.00	(CAS) Casing/Overburden				
55.00 TO 100.50	(2) Mafic Volcanic Rocks Fine- to medium-grained massive bedded mafic tuff. The rock is dark green and chloritized and locally epidotized and carbonate altered. The coarser grained beds contains amphibole porphyroblast. Contacts between the different mafic tuff beds are sharp and at 45 degrees to core axis. A few epidote/calcite and quartz veins x-cut the mafic rocks. One 20cm dark gray felsic bed is present at 81.9m	55.00 - 100.50: (B) Medium Grained 55.00 - 100.50: (BD) Bedded 55.00 - 100.50: (TUF) Tuff 55.00 - 100.50: (M) Massive 55.00 - 100.50: (RR) Porphyroblastic amphibole 55.00 - 100.50: (A) Fine Grained	55.00 - 100.50: (BD) Bedding, 45 Deg to CA 61.00 - 61.30: (JTQC) Joint - Quartz Carbonate, quartz	55.00 - 100.50: (EP) Epidotization, (W) Weak, (P) Pervasive 55.00 - 100.50: (CHL) Chloritization, (M) Moderate, (P) Pervasive 77.00 - 90.90: (CC) Calcite (Calcitic Alt.), (S) Strong, (P) Pervasive	55.00 - 100.50: 0.01% (PY) Pyrite, (D) Disseminated/Blebbly
100.50 TO 131.60	(4) Felsic Volcanic Rocks Fine-grained bedded felsic tuff containing ~1% quartz eyes and locally extremely sericitized giving the rock a yellow color. Within these sericite zones the thin laminations and/or schistosity is highly irregular and variable. A thin graphitic argillite bed is present at 128m. The rock has undergone moderate pervasive calcite alteration.	100.50 - 131.60: (BD) Bedded 100.50 - 131.60: (TUF) Tuff 100.50 - 131.60: (GPH) Graphitic/Argillaceous small bed 100.50 - 131.60: (A) Fine Grained	126.60 - 126.80: (FZ) Fault (Fault Zone), with broken core 127.90 - 128.00: (FZG) Fault Zone - Gouge, 35 Deg to CA	100.50 - 131.60: (SE) Sericitization, (S) Strong, (P) Pervasive locally very strong 100.50 - 131.60: (CC) Calcite (Calcitic Alt.), (M) Moderate, (P) Pervasive	100.50 - 131.60: 0.01% (PN) Pentlandite, (D) Disseminated/Blebbly
131.60 TO 139.40	(2) Mafic Volcanic Rocks Fine-grained bedded mafic tuff. The rock is dark green and very soft. The rock is chloritized and calcite altered. Schistosity is well developed and is the same angle as bedding ~40.	131.60 - 139.40: (BD) Bedded 131.60 - 139.40: (TUF) Tuff 131.60 - 139.40: (A) Fine Grained	131.60 - 139.40: (BD) Bedding, 40 Deg to CA	131.60 - 139.40: (CC) Calcite (Calcitic Alt.), (S) Strong, (P) Pervasive 131.60 - 139.40: (CHL) Chloritization, (M) Moderate, (P) Pervasive	131.60 - 139.40: 0.01% (PY) Pyrite, (D) Disseminated/Blebbly
139.40 TO 142.20	(4) Felsic Volcanic Rocks Fine-grained thinly laminated extremely sericitized and calcite altered felsic tuff. The rock is yellow due to sericite alteration.	139.40 - 142.20: (TNL) Thinly Laminated 139.40 - 142.20: (TUF) Tuff 139.40 - 142.20: (A) Fine Grained	139.40 - 142.20: (SSF) Strongly Schistose/Foliated, 45 Deg to CA 139.40 - 142.20: (BD) Bedding, 45 Deg to CA	139.40 - 142.20: (SE) Sericitization, (S) Strong, (P) Pervasive 139.40 - 142.20: (CC) Calcite (Calcitic Alt.), (S) Strong, (P) Pervasive	



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY21-01**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
142.20 TO 144.50	(5) Sedimentary Rocks Fine grained thinly laminated graphitic black argillite displaying various bedding angles from 20 to 45 degrees to core axis and also displaying fine scale folding or crenulations. The argillite is interbedded with beds of serpentized mafic to ultramafic volcanic tuff which is also thinly laminated and crenulated. 1 cm thick dark gray chert beds are also present. Rock contains about 0.1% bedded sphalerite with deep red color and about .25% disseminated pyrite.	142.20 - 144.50: (GPH) Graphitic/Argillaceous 142.20 - 144.50: (LX) Leucoxene Bearing 142.20 - 144.50: (TNL) Thinly Laminated 142.20 - 144.50: (TUF) Tuff 142.20 - 144.50: (A) Fine Grained	142.20 - 144.50: (BD) Bedding, 20 Deg to CA to 45 143.00 - 143.20: (JTQC) Joint - Quartz Carbonate, 60 Deg to CA 143.35 - 143.55: (JTQC) Joint - Quartz Carbonate, 30 Deg to CA	142.20 - 144.50: (SER) Serpentinization, (M) Moderate, (P) Pervasive 142.20 - 144.50: (CC) Calcite (Calcitic Alt.), (S) Strong, (P) Pervasive	142.20 - 144.50: 0.1% (SPH) Sphalerite, (B) Bedded 142.20 - 144.50: 0.25% (PY) Pyrite, (D) Disseminated/Blebbly
144.50 TO 152.30	(1) Ultramafic Volcanic Rocks Fine-grained dark-green serpentized very soft massive ultramafic volcanic likely a tuff grading into fine grained slightly serpentized mafic volcanic. A few fine-grained dark-gray silicious horizons are present (especially within the last 2 m). The rock is also carbonate altered. The ultramafic rock is highly foliated and contains small (<1mm) dark brown mica crystals, likely biotite.	144.50 - 152.30: (CH) Chert 144.50 - 152.30: (LX) Leucoxene Bearing 144.50 - 152.30: (A) Fine Grained	144.50 - 152.30: (SSF) Strongly Schistose/Foliated, 40 Deg to CA 144.50 - 152.30: (BD) Bedding, 40 Deg to CA	144.50 - 152.30: (CC) Calcite (Calcitic Alt.), (S) Strong, (S) Spots/Mealy 144.50 - 152.30: (SER) Serpentinization, (S) Strong, (P) Pervasive	
152.30 TO 154.50	(4) Felsic Volcanic Rocks Fine-grained highly sericitized felsic tuff. The rock is yellow colored and is soft. The rock is mostly massive some thin layering is locally present. A minor amount of quartz eyes are present. The rock contains between 0.5 to 1 % very fine-grained disseminated pyrite. A 15 cm thinly laminated graphitic argillite horizon is present. Laminations are mm-scale. Thin 1-2mm thick dark brown colored laminations of pyrite and sphalerite(?) are present. The graphitic argillite also contains ~1 % very fine-grained disseminated pyrite.	152.30 - 154.50: (BD) Bedded 152.30 - 154.50: (GPH) Graphitic/Argillaceous 152.30 - 154.50: (A) Fine Grained	153.60 - 153.85: (FZG) Fault Zone - Gouge. 153.60 - 153.85: (BD) Bedding, 40 Deg to CA	152.30 - 154.50: (SE) Sericitization, (S) Strong, (P) Pervasive	152.30 - 154.50: 0.01% (SPH) Sphalerite, (B) Bedded 152.30 - 154.50: 0.5% (PY) Pyrite, (D) Disseminated/Blebbly to 1%



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY21-01**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
154.50 TO 161.00	(2) Mafic Volcanic Rocks Fine-grained dark-green mafic volcanic tuff displaying some bedding. The rock is mildly calcite altered and contains about 0.5 % pyrite.	154.50 - 161.00: (BD) Bedded 154.50 - 161.00: (LX) Leucoxene Bearing 154.50 - 161.00: (A) Fine Grained		154.50 - 161.00: (CC) Calcite (Calcitic Alt.), (W) Weak, (P) Pervasive	154.50 - 161.00: 0.25% (PY) Pyrite, (FV) Fracture/Veined Controlled
161.00 TO 161.45	(5) Sedimentary Rocks Graphitic argillite gouge fault zone. The pieces are graphitic and have a reddish color to them which may result from sphalerite.	161.00 - 161.45: (GPH) Graphitic/Argillaceous	161.00 - 161.45: (FZG) Fault Zone - Gouge,		161.00 - 161.45: (SPH) Sphalerite, (STN) Stain
161.45 TO 163.30	(5) Sedimentary Rocks Very fine grained thinly laminated silicious chemical sediments/ silica exhalative rock. The rock is very finely laminated with various bedding angles from 20 to 45 degree from core axis and are also commonly folded. Laminations vary in color from white to light gray to dark gray. The rock contains 1-2% pyrite which is bedded and also occurs as blebs. A minor amount of sphalerite is associated with pyrite.	161.45 - 163.30: (S) Sulphides, Exhalites silica exhalite 161.45 - 163.30: (TNL) Thinly Laminated 161.45 - 163.30: (A) Fine Grained			161.45 - 163.30: 0.25% (SPH) Sphalerite, (D) Disseminated/Blebbly 161.45 - 163.30: 2% (PY) Pyrite, (B) Bedded also blebs
163.30 TO 224.00	(2) Mafic Volcanic Rocks Fine-grained dark-green chloritized mafic tuff displaying bedding parallel to shistosity. The rocks is highly schistose and displays extreme variations in shistosity angles often from 10 to 50 degrees in less than 30 cm. This may reflect the presence of a large scale fold in this area. Calcite banding parallel to shistosity is prominent as well as calcite blebs and pervasive calcite alteration. Some of the calcite bands are boudinaged. Pyrite is common and accounts for about 0.5% (average of unit). A minor amount of Po is present (less than .1%) and a few grains of Cp were identified in a quartz, calcite, chlorite vein. Magnetite crystals are ubiquitous and magnetite is locally enriched to several %.	163.30 - 224.00: (BD) Bedded 163.30 - 224.00: (A) Fine Grained	163.30 - 224.00: (VSSF) Very Strongly Schistose/Foliated, 45 Deg to CA highly variable 163.30 - 224.00: (BD) Bedding, 45 Deg to CA highly variable	163.30 - 224.00: (CC) Calcite (Calcitic Alt.), (S) Strong, (FV) Fracture/Veined controlled parallel to shisto also pervasive 163.30 - 224.00: (CHL) Chloritization, (S) Strong, (P) Pervasive	163.30 - 224.00: 0.01% (PO) Pyrrhotite, (D) Disseminated/Blebbly 163.30 - 224.00: 0.01% (CP) Chalcopyrite, (FV) Fracture/Veined Controlled only a few grains 163.30 - 224.00: 0.75% (MAG) Magnetite, (D) Disseminated/Blebbly 163.30 - 224.00: 0.5% (PY) Pyrite, (B) Bedded unit average

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 5 of 13

Hole Number: **GY21-01**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
224.00 TO 224.01	(EOH) End of Hole				

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 6 of 13

Hole Number: **GY21-01**

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	
AU04792	ASSAY	127.80	128.40	0.60											1					
AU04793	ASSAY	142.65	142.95	0.30											3					
AU04794	ASSAY	143.50	144.50	1.00											3					
AU04795	ASSAY	153.20	153.60	0.40											1					
AU04796	ASSAY	161.00	161.45	0.45											3					
AU04797	ASSAY	161.45	162.50	1.05											3					



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY21-01**

Units: METRIC

Assay Information - Visual Estimates + Calculated Grades

Sample Number	Type	From	To	Length	Estimates								Calculations				Mineralization	Alteration	Rock	Comments	
					Cp %	Sph %	Gn %	Py %	Po %	Bo %	Au gpt	Ni %	Cu %	Zn %	Pb %	Ni %					
AU04792	ASSAY	127.80	128.40	0.60										0.00		0.00	0.00				
AU04793	ASSAY	142.65	142.95	0.30										0.00		0.00	0.00				
AU04794	ASSAY	143.50	144.50	1.00										0.00		0.00	0.00				
AU04795	ASSAY	153.20	153.60	0.40										0.00		0.00	0.00				
AU04796	ASSAY	161.00	161.45	0.45										0.00		0.00	0.00				
AU04797	ASSAY	161.45	162.50	1.05										0.00		0.00	0.00				



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY21-01**

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
AT06128	56.00	59.00	3.00		70.45	0.35	12.41	4.90	0.08	1.32	2.09	1.93	2.54	0.20		2.89	99.29	488	83	289	3	141			
AT06129	74.00	77.00	3.00		49.95	1.08	14.08	13.61	0.18	6.87	7.41	2.13	0.24	0.44		3.11	99.26	220	33	89	3	558			
AT06131	106.00	108.50	2.50		56.40	0.57	12.09	7.01	0.16	3.09	4.24	1.41	2.24	0.41		11.48	99.21	246	47	202	3	211			
AT06130	116.00	119.00	3.00		69.98	0.30	12.36	4.83	0.08	0.87	2.18	3.71	1.55	0.30		3.31	99.57	268	74	285	3	312			
AT06132	134.00	137.00	3.00		52.18	1.30	12.81	12.70	0.16	4.18	5.65	2.98	0.23	0.58		6.38	99.27	3	53	151	3	318			
AT06133	146.00	149.00	3.00		44.26	0.72	11.09	13.59	0.18	12.65	5.55	0.37	0.04	0.43		10.31	99.41	749	18	64	3	314			
AT06134	173.00	176.00	3.00		47.25	1.35	11.04	15.87	0.35	3.74	6.67	2.22	0.13	0.51		10.23	99.50	3	53	106	3	315			
AT06135	203.00	206.00	3.00		47.50	1.28	11.30	14.25	0.22	4.52	6.87	2.01	0.23	0.47		10.44	99.20	3	62	85	3	397			

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 11 of 13

Hole Number: **GY21-01**

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
AT06128	56.00	59.00	3.00				57		3										31						
AT06129	74.00	77.00	3.00				539		7										124						
AT06131	106.00	108.50	2.50				197		3										70						
AT06130	116.00	119.00	3.00				64		3										55						
AT06132	134.00	137.00	3.00				397		12										87						
AT06133	146.00	149.00	3.00				229		3										68						
AT06134	173.00	176.00	3.00				700		8										122						
AT06135	203.00	206.00	3.00				557		3										120						



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY21-01**

Units: METRIC

WRA Alteration Indices

Sample Number	From	To	Length	Rock	CHEMID	Al ₂ O ₃ /TiO ₂	Zr/Y	ALUM	ISHIKW	ACNK	SERICIT	Ca/Al	Zn/Na ₂ O	MgO	NUM	Ni/MgO	Cu/Zn	Co/Ni	Mineralization	Alteration	Comments
AT06128	56.00	59.00	3.00			35.46	3.48	189.18	48.98	1.00	0.55	0.17	73	0.39	1.89	1.74	1.00				
AT06129	74.00	77.00	3.00			13.04	2.70	143.97	42.70	0.60	0.03	0.53	262	0.54	8.30	0.45	0.86				
AT06131	106.00	108.50	2.50			21.21	4.30	153.23	48.54	0.71	0.35	0.35	150	0.51	23.30	1.17	0.03				
AT06130	116.00	119.00	3.00			41.20	3.85	166.13	29.12	0.91	0.42	0.18	84	0.30	2.87	0.79	1.00				
AT06132	134.00	137.00	3.00			9.85	2.85	144.58	33.82	0.65	0.04	0.44	107	0.43	0.60	0.78	1.00				
AT06133	146.00	149.00	3.00			15.40	3.56	186.07	68.19	0.71	0.01	0.50	849	0.68	58.34	0.79	0.11				
AT06134	173.00	176.00	3.00			8.18	2.00	122.39	30.33	0.52	0.02	0.60	142	0.35	0.67	0.79	20.80				
AT06135	203.00	206.00	3.00			8.83	1.37	124.04	34.85	0.52	0.03	0.61	198	0.42	0.55	0.63	1.00				

Jun 30, 2005



DETAILED LOG FALCONBRIDGE LTD.

Page 1 of 1

Hole Number: **GY21-02**

Units: METRIC

Project Name: Exploration	Location: Geary Twp.	Primary Coordinates	Destination Coordinates	Alternate Coordinates	Collar Dip: -50.00
Project Number: Explor	Section:	Grid: UTM: (P)	Grid: UTM:	Grid: UTM:	Collar Az: 225.00
Claim Number: P3010157	Parent (if wedge):	North: 5408045.00	North: 5408045.00	North: 1010.00	Length: 184.21
Hole Type: Exploration		East: 446731.00	East: 446731.00	East: 1270.00	Start Depth: 0.00
		Elev: 300.00	Elev: 300.00	Elev:	Final Depth: 184.21
Date Started: Aug 17, 2004	Collar Survey: N	Pulse EM Survey:	Multishot Survey: N	Contractor: BRADLEY BROS.	
Date Completed: Aug 20, 2004	Making Water: N	Plugged: N	Is Cemented: N	Core Storage: Kidd Creek	
Date Entered: Sep 28, 2004	Gas Intersected: N	Object In Hole: N	Verified: N	Casing: 52m	
Logged By: L. Pigeon				Hole Size: BQ	

Comments AU in the assay sample numbers are shown as AV on lab certificates

Directional Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
62.00	225.20	-48.10	T	OK	
122.00	222.90	-45.80	T	OK	

For L. Pigeon



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY21-02**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
0.00 TO 52.00	(CAS) Casing/Overburden				
52.00 TO 109.80	(5) Sedimentary Rocks Fine-grained light greenish gray bedded graywacke sequence. Beds are usually thin varying in size from 1mm to 30mm. Grain size varies from mud-size to silt-size but most of sequence is mud-size. Folding and kinking is commonly visible especially at ~60.5m where a nice s-folds is present. The rock is lightly epidotized and carbonate altered. at 93.1 there is a 25 cm thick dark gray fine grained silicious unit which is also finely laminated. Bedding is at 45 degrees to core axis. 90.30 - 91.50	52.00 - 109.80: (BD) Bedded 52.00 - 109.80: (TNL) Thinly Laminated 52.00 - 109.80: (WK) Wacke 52.00 - 109.80: (A) Fine Grained 90.30 - 91.50: (B) Medium Grained	52.00 - 109.80: (BD) Bedding. 45 Deg to CA 60.70 - 61.00: (FLD) Fold, 96.50 - 100.00: (FZ) Fault (Fault Zone), BC water seam 105.50 - 106.10: (FZ) Fault (Fault Zone), bc	52.00 - 109.80: (SE) Sericitization, (W) Weak, (P) Pervasive ? 52.00 - 109.80: (CA) Carbonatization, (W) Weak, (P) Pervasive 90.30 - 91.50: (CC) Calcite (Calcitic Alt.), (M) Moderate, (P) Pervasive	52.00 - 109.80: 0.1% (PY) Pyrite, (FV) Fracture/Veined Controlled On cleavage planes
109.80 TO 114.00	(8) Intermediate Intrusive Rocks Medium-grained mica-bearing dark-gray calcite altered intermediate to mafic intrusive dyke. This may be some sort of silica-rich lamprophyre dyke. Good reaction to HCl				
109.80 TO 114.00	(5) Sedimentary Rocks Silicious black argillite/ chert interbedded with fine grained laminated mafic sediments. Chert beds are dark gray whereas the argillite is black. Both display fine laminations and the rock is very hard. This unit unit also contains one 1m thick bed composed of massive mafic seeds (tuff?) which contains ~1mm size porphyroblasts of amphibole. About 0.5% disseminated Py is present in both the mafic and silicious horizons.	109.80 - 114.00: (BD) Bedded 109.80 - 114.00: (TNL) Thinly Laminated 109.80 - 114.00: (CH) Chert 109.80 - 114.00: (TUF) Tuff mafic 109.80 - 114.00: (A) Fine Grained	109.80 - 114.00: (BD) Bedding. 50 Deg to CA	109.80 - 114.00: (SE) Sericitization, (M) Moderate, (S) Spots/Mealy 109.80 - 114.00: (CHL) Chloritization, (M) Moderate, (P) Pervasive in mafic rocks 109.80 - 114.00: (CC) Calcite (Calcitic Alt.), (M) Moderate, (FV) Fracture/Veined controlled	109.80 - 114.00: 0.5% (PY) Pyrite, (B) Bedded



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY21-02**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
114.00 TO 184.20	<p>(2) Mafic Volcanic Rocks</p> <p>Fine-grained dark-green chloritized mafic tuff displaying bedding parallel to shistosity.</p> <p>bed composition varies from very fine grained mafic, fine grained mafic and also fine-grained mafic with about 5 % plag phenos. Also present are thin dark-gray beds of more felsic composition and very fine grained laminations that are composed of serpentine. Mica is ubiquitous</p> <p>The rocks is highly shistose. Calcite banding parallel to shistosity is prominent as well as calcite blebs and pervasive calcite alteration. Some of the calcite bands are boudinaged. Numerous qz-veins x-cut the rock. Serpentinization is also common.</p> <p>Pyrite is common and accounts for about 0.5% (average of unit). A minor amount of Po is present (less than .1%).</p>	<p>114.00 - 184.20: (BD) Bedded</p> <p>114.00 - 184.20: (TNL) Thinly Laminated</p> <p>114.00 - 184.20: (A) Fine Grained</p>	<p>114.00 - 184.20: (BD) Bedding, 45 Deg to CA to 55</p> <p>114.00 - 184.20: (VSSF) Very Strongly Schistose/Foliated, 50 Deg to CA</p> <p>141.80 - 142.00: (JTQC) Joint - Quartz Carbonate,</p> <p>155.40 - 156.85: (JTQC) Joint - Quartz Carbonate,</p>	<p>114.00 - 184.20: (CC) Calcite (Calcitic Alt.), (S) Strong, (FV) Fracture/Veined controlled parallel to shisto and pervasive</p> <p>114.00 - 184.20: (SER) Serpentinization, (M) Moderate, (P) Pervasive</p> <p>114.00 - 184.20: (CHL) Chloritization, (M) Moderate, (P) Pervasive</p>	<p>114.00 - 184.20: 0.01% (PN) Pentlandite, (D) Disseminated/Blebbly</p> <p>114.00 - 184.20: 0.5% (PY) Pyrite, (D) Disseminated/Blebbly locally up to 1-2%</p>
184.20 TO 184.21	<p>(EOH) End of Hole</p>				

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 4 of 11

Hole Number: **GY21-02**

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	
AU04798	ASSAY	113.25	114.00	0.75											1					
AU04799	ASSAY	155.00	156.40	1.40											1					
AU04800	ASSAY	156.60	158.00	1.40											1					
AU07832	ASSAY	158.00	159.50	1.50											1					

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 6 of 11

Hole Number: **GY21-02**

Units: METRIC

Assay Information - Visual Estimates + Calculated Grades

Sample Number	Type	From	To	Length	Estimates							Calculations				Mineralization	Alteration	Rock	Comments	
					Cp %	Sph %	Gn %	Py %	Po %	Bo %	Au gpt	Ni %	Cu %	Zn %	Pb %					Ni %
AU04798	ASSAY	113.25	114.00	0.75									0.00		0.00	0.00				
AU04799	ASSAY	155.00	156.40	1.40									0.00		0.00	0.00				
AU04800	ASSAY	156.60	158.00	1.40									0.00		0.00	0.00				
AU07832	ASSAY	158.00	159.50	1.50									0.00		0.00	0.00				

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 7 of 11

Hole Number: **GY21-02**

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
AT06136	53.00	56.00	3.00		51.53	0.72	13.93	11.10	0.17	6.75	8.78	1.94	0.01	0.39		4.06	99.52	523	23	52	3	285			
AT06137	83.00	86.00	3.00		54.01	0.72	12.77	10.93	0.16	6.40	8.81	1.75	0.01	0.41		3.51	99.63	481	19	46	3	236			
AT06138	116.00	119.00	3.00		51.81	1.53	11.43	15.65	0.26	4.39	6.68	2.02	0.01	0.74		4.82	99.47	156	50	96	3	385			
AT06139	134.00	137.00	3.00		53.50	1.34	10.87	16.26	0.20	5.31	6.07	2.08	0.01	0.59		2.80	99.15	3	45	84	3	376			
AT06140	170.00	173.00	3.00		50.50	1.23	10.27	15.36	0.30	3.34	5.53	2.31	0.01	0.69		9.66	99.33	3	47	86	3	416			

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 9 of 11

Hole Number: **GY21-02**

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
AT06136	53.00	56.00	3.00				522		3										128						
AT06137	83.00	86.00	3.00				390		3										129						
AT06138	116.00	119.00	3.00				517		9										134						
AT06139	134.00	137.00	3.00				703		3										137						
AT06140	170.00	173.00	3.00				635		3										147						

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 11 of 11

Hole Number: **GY21-02**

Units: METRIC

WRA Alteration Indices

Sample Number	From	To	Length	Rock	CHEMID	Al ₂ O ₃ /TiO ₂	Zr/Y	ALUM	ISHIKW	ACNK	SERICIT	Ca/Al	Zn/Na ₂ O	MgO	NUM	Ni/MgO	CuZn	Co/Ni	Mineralization	Alteration	Comments
AT06136	53.00	56.00	3.00			19.35	2.26	129.88	38.66	0.53	0.00	0.63	147	0.59	0.37	0.87	1.00				
AT06137	83.00	86.00	3.00			17.74	2.42	120.87	37.75	0.49	0.00	0.69	135	0.58	36.88	1.05	0.22				
AT06138	116.00	119.00	3.00			7.47	1.92	131.30	33.56	0.55	0.00	0.58	191	0.39	0.57	0.65	1.00				
AT06139	134.00	137.00	3.00			8.11	1.87	133.29	39.47	0.56	0.00	0.56	181	0.43	0.47	0.66	1.00				
AT06140	170.00	173.00	3.00			8.35	1.83	130.91	29.91	0.57	0.00	0.54	180	0.34	0.75	0.60	1.00				

Jun 30, 2005



DETAILED LOG FALCONBRIDGE LTD.

Page 1 of 1

Hole Number: **GY21-02A**

Units: METRIC

Project Name: Exploration	Location: Geary Twp.	Primary Coordinates	Destination Coordinates	Alternate Coordinates	Collar Dip: -50.00
Project Number: Explor	Section:	Grid: UTM: (P)	Grid: UTM:	Grid: UTM:	Collar Az: 225.00
Claim Number: P3010157	Parent (if wedge):	North: 5408045.00	North: 5408045.00	North: 1010.00	Length: 251.01
Hole Type: Exploration		East: 446731.00	East: 446731.00	East: 1270.00	Start Depth: 0.00
		Elev: 300.00	Elev: 300.00	Elev:	Final Depth: 251.01
Date Started: Aug 20, 2004	Collar Survey: N	Pulse EM Survey:	Multishot Survey: N	Contractor: BRADLEY BROS.	
Date Completed: Aug 23, 2004	Making Water: N	Plugged: N	Is Cemented: N	Core Storage: Kidd Creek	
Date Entered: Sep 28, 2004	Gas Intersected: N	Object In Hole: N	Verified: N	Casing: 55m	
Logged By: L. Pigeon				Hole Size: BQ	

Comments AU in the assay sample numbers are shown as AV on lab certificate

Directional Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
65.00	326.70	-44.20	T	OK	
125.00	313.90	-42.80	T	OK	
191.00	5.10	-41.90	T	OK	
251.00	358.30	-41.20	T	OK	

L. Pigeon
For Linc Pigeon



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY21-02A**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
0.00 TO 55.00	(CAS) Casing/Overburden				
55.00 TO 118.40	(5) Sedimentary Rocks Fine-grained light greenish gray bedded graywacke sequence. Beds are usually thin varying in size from 1mm to 30mm. Grain size varies from mud-size to silt-size but most of sequence is mud-size. The rock is lightly epidotized and carbonate altered. Bedding is at 45 degrees to core axis.	55.00 - 118.40: (BD) Bedded 55.00 - 118.40: (TNL) Thinly Laminated 55.00 - 118.40: (WK) Wacke 55.00 - 118.40: (A) Fine Grained	55.00 - 118.40: (BD) Bedding, 45 Deg to CA 55.00 - 118.40: (SF) Schistose/Foliated, 45 Deg to CA 104.60 - 106.10: (FZ) Fault (Fault Zone), water seam 110.00 - 111.90: (FZ) Fault (Fault Zone), water seam	55.00 - 118.40: (SE) Sericitization, (W) Weak, (P) Pervasive 55.00 - 118.40: (CC) Calcite (Calclitic Alt.), (W) Weak, (P) Pervasive	
67.50 - 69.10	(2) Mafic Volcanic Rocks Medium-grained dark-green massive mafic tuff with 1mm size amphibole pophyroblast. This unit starts with a thinly laminated silicious sequence of about 10cm. Silica exhalite.				
99.30 - 100.60	(8) Intermediate Intrusive Rocks				
118.40 TO 122.00	(5) Sedimentary Rocks Silicious black argillite/ chert interbedded with fine grained laminated mafic sediments. Chert beds are dark gray whereas the argillite is black. Both display fine laminations and the rock is very hard. This unit unit also contains one bed composed of massive mafic sed (tuff?) which contains ~1mm size porphyroblasts of amphibole. About 0.1% dessiminated Py is present in both the mafic and silicious horizons.	118.40 - 122.00: (TNL) Thinly Laminated 118.40 - 122.00: (BD) Bedded 118.40 - 122.00: (A) Fine Grained	118.40 - 122.00: (BD) Bedding, 45 Deg to CA		118.40 - 122.00: 0.1% (PY) Pyrite, (D) Disseminated/Blebbly



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY21-02A**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
122.00 TO 195.10	<p>(2) Mafic Volcanic Rocks</p> <p>Fine-grained dark-green chloritized mafic tuff displaying bedding parallel to schistosity. Grain size varies from very fine grained mafic, fine grained mafic and some instances slightly coarser. Also present are thin dark-gray beds of more felsic composition and very fine grained laminations that are composed of serpentine. Mica is ubiquitous. The rocks is highly schistose. Cleavage angles vary from 30 to 70 degrees to core axis. Calcite banding parallel to schistosity is prominent as well as calcite blebs and pervasive calcite alteration. Some of the calcite bands are boudinaged. Numerous qz-veins x-cut the rock. Some parts of this unit are very dark green and an acicular dark green mineral is visible on the cleavage planes. I suspect that the rock is highly actinolite rich in these zones</p> <p>Folding, kinking and small crenulations are visible. A crenulation fabric was identified at 45 degrees to core axis</p> <p>Pyrite is common and accounts for about 0.5% (average of unit) and is locally up to 2%. A minor amount of Po is present (less than .1%).</p>	<p>122.00 - 195.10: (BD) Bedded</p> <p>122.00 - 195.10: (TNL) Thinly Laminated</p> <p>122.00 - 195.10: (TUF) Tuff</p> <p>122.00 - 195.10: (A) Fine Grained</p>	<p>122.00 - 195.10: (BD) Bedding, 45 Deg to CA variable</p> <p>147.70 - 148.00: (FLD) Fold.</p> <p>159.10 - 159.45: (JTQC) Joint - Quartz Carbonate, quartz</p> <p>163.50 - 163.70: (JTQC) Joint - Quartz Carbonate,</p> <p>164.00 - 164.75: (JTQC) Joint - Quartz Carbonate, Qz chlorite</p> <p>174.20 - 175.50: (FLD) Fold,</p> <p>178.70 - 179.10: (FLD) Fold,</p>	<p>122.00 - 195.10: (CHI) Chloritization, (M) Moderate, (P) Pervasive locally intense</p> <p>122.00 - 195.10: (SE) Sericitization, (W) Weak, (FV) Fracture/Veined controlled</p> <p>122.00 - 195.10: (CC) Calcite (Calclitic Alt.), (S) Strong, (P) Pervasive also banding and blebs</p>	<p>122.00 - 195.10: 0.01% (PO) Pyrrhotite, (D) Disseminated/Blebbly only a few grains present</p> <p>122.00 - 195.10: 0.5% (PY) Pyrite, (D) Disseminated/Blebbly locally up to 2%. correlated with CC alteration intensity</p>
195.10 TO 208.10	<p>(2) Mafic Volcanic Rocks</p> <p>Heterogeneous unit composed of serpentinized and carbonate altered and banded mafic tuff? Interbedded with thin 1-2 cm thin light gray silica exhalite layers and 3-20 cm thick graphitic black argillite. Thin sphalerite and pyrite layers (1-3mm) are present in the argillite and mafic tuff beds however it is more common in the argillite. Gouge faults occurs in most graphitic argillite beds. Bedding/schistosity is highly variable and varies from 10 to 60 degrees to core axis</p>	<p>195.10 - 208.10: (BD) Bedded</p> <p>195.10 - 208.10: (GPH) Graphitic/Argillaceous</p> <p>195.10 - 208.10: (S) Sulphides, Exhalites silica</p> <p>195.10 - 208.10: (TNL) Thinly Laminated</p> <p>195.10 - 208.10: (TUF) Tuff</p> <p>195.10 - 208.10: (A) Fine Grained</p>	<p>195.10 - 208.10: (BD) Bedding, 45 Deg to CA variable also some areas are 10-15 degrees</p> <p>202.10 - 202.20: (FZG) Fault Zone - Gouge,</p> <p>202.50 - 202.55: (FZG) Fault Zone - Gouge,</p> <p>203.80 - 204.00: (FZ) Fault (Fault Zone),</p> <p>205.00 - 206.00: (FZG) Fault Zone - Gouge,</p>	<p>195.10 - 208.10: (SER) Serpentinization, (M) Moderate, (P) Pervasive</p> <p>195.10 - 208.10: (SID) Siderite (Fe-Carbonate), (W) Weak, (FV) Fracture/Veined controlled iron-carb?</p> <p>195.10 - 208.10: (CC) Calcite (Calclitic Alt.), (M) Moderate, (P) Pervasive</p>	<p>195.10 - 208.10: 0.1% (SPH) Sphalerite, (B) Bedded also fracture controlled</p> <p>195.10 - 208.10: 1% (PY) Pyrite, (B) Bedded also disseminated</p>



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY21-02A**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
208.10 TO 248.50	(4) Felsic Volcanic Rocks Fine-grained light to dark gray felsic tuff interbedded with thin layers (1-3mm) of graphitic argillite and silicified intermediate to mafic tuffs(?). Also present are thin (1-5mm) light gray to white silica exhalite beds. One graphitic argillite bed is about 20 cm thick and contains a gouge fault. The rock is very hard and moderately schistose. A few 1-1.5m wide zones are highly sericitized giving the rock a yellow color.	208.10 - 248.50: (BD) Bedded 208.10 - 248.50: (TNL) Thinly Laminated 208.10 - 248.50: (GPH) Graphitic/Argillaceous 208.10 - 248.50: (TUF) Tuff 208.10 - 248.50: (A) Fine Grained	208.10 - 248.50: (SF) Schistose/Foliated, 45 Deg to CA 211.10 - 211.30: (FZG) Fault Zone - Gouge,	208.10 - 248.50: (S) Silicification, (M) Moderate, (P) Pervasive ? 208.10 - 248.50: (SE) Sericitization, (S) Strong, (P) Pervasive locally very strong	208.10 - 248.50: 0.25% (PY) Pyrite, (B) Bedded 208.10 - 248.50: 0.01% (SPH) Sphalerite, (B) Bedded only within the first meter of unit mixed in with the argillite
248.50 TO 251.00	(2) Mafic Volcanic Rocks Medium-grained amphibole-porphyrblastic mafic volcanic (tuff?). Rock is dark-green and chloritized. Rock is well foliated and has calcite banding parallel to foliation	248.50 - 251.00: (M) Massive 248.50 - 251.00: (RR) Porphyroblastic amphibole 248.50 - 251.00: (B) Medium Grained		248.50 - 251.00: (CC) Calcite (Calcitic Alt.), (M) Moderate, (FV) Fracture/Veined controlled 248.50 - 251.00: (CHL) Chloritization, (M) Moderate, (P) Pervasive	
251.00 TO 251.01	(EOH) End of Hole				

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 5 of 12

Hole Number: **GY21-02A**

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	
AU07839	ASSAY	120.50	122.00	1.50											1					
AU07833	ASSAY	159.50	161.00	1.50											1					
AU07834	ASSAY	161.00	162.50	1.50											1					
AU07835	ASSAY	162.50	164.00	1.50											1					
AU07836	ASSAY	164.00	165.50	1.50											1					
AU07837	ASSAY	165.50	167.00	1.50											1					
AU07838	ASSAY	167.00	168.50	1.50											1					
AU07840	ASSAY	195.10	196.60	1.50											3					
AU07841	ASSAY	196.60	198.10	1.50											1					
AU07842	ASSAY	198.10	199.60	1.50											1					
AU07843	ASSAY	199.60	201.10	1.50											1					
AU07844	ASSAY	201.10	202.60	1.50											1					
AU07845	ASSAY	202.60	204.10	1.50											1					
AU07846	ASSAY	204.10	205.60	1.50											3					
AU07847	ASSAY	205.60	208.10	2.50											1					
AU07848	ASSAY	208.10	209.60	1.50											1					
AU07849	ASSAY	209.60	211.10	1.50											1					
AU07850	ASSAY	211.10	212.60	1.50											1					
KA02311	ASSAY	212.60	214.10	1.50											7					



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY21-02A**

Units: METRIC

Assay Information - Visual Estimates + Calculated Grades

Sample Number	Type	From	To	Length	Estimates								Calculations				Mineralization	Alteration	Rock	Comments	
					Cp %	Sph %	Gn %	Py %	Po %	Bo %	Au gpt	Ni %	Cu %	Zn %	Pb %	Ni %					
AU07839	ASSAY	120.50	122.00	1.50										0.00		0.00	0.00				
AU07833	ASSAY	159.50	161.00	1.50										0.00		0.00	0.00				
AU07834	ASSAY	161.00	162.50	1.50										0.00		0.00	0.00				
AU07835	ASSAY	162.50	164.00	1.50										0.00		0.00	0.00				
AU07836	ASSAY	164.00	165.50	1.50										0.00		0.00	0.00				
AU07837	ASSAY	165.50	167.00	1.50										0.00		0.00	0.00				
AU07838	ASSAY	167.00	168.50	1.50										0.00		0.00	0.00				
AU07840	ASSAY	195.10	196.60	1.50										0.00		0.00	0.00				
AU07841	ASSAY	196.60	198.10	1.50										0.00		0.00	0.00				
AU07842	ASSAY	198.10	199.60	1.50										0.00		0.00	0.00				
AU07843	ASSAY	199.60	201.10	1.50										0.00		0.00	0.00				
AU07844	ASSAY	201.10	202.60	1.50										0.00		0.00	0.00				
AU07845	ASSAY	202.60	204.10	1.50										0.00		0.00	0.00				
AU07846	ASSAY	204.10	205.60	1.50										0.00		0.00	0.00				
AU07847	ASSAY	205.60	208.10	2.50										0.00		0.00	0.00				
AU07848	ASSAY	208.10	209.60	1.50										0.00		0.00	0.00				
AU07849	ASSAY	209.60	211.10	1.50										0.00		0.00	0.00				
AU07850	ASSAY	211.10	212.60	1.50										0.00		0.00	0.00				
KA02311	ASSAY	212.60	214.10	1.50										0.00		0.00	0.00				

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 8 of 12

Hole Number: **GY21-02A**

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
AT06141	218.00	221.00	3.00			64.28	0.60	12.09	7.06	0.14	1.84	2.92	2.99	1.06	0.79		5.19	99.09	185	37	153	3	554			
AT06142	239.00	242.00	3.00			74.17	0.27	10.77	3.43	0.08	0.75	1.32	3.21	1.89	0.53		2.50	99.07	574	53	260	3	460			

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 10 of 12

Hole Number: **GY21-02A**

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	
AT06141	218.00	221.00	3.00				104		3										105							
AT06142	239.00	242.00	3.00				3		3										69							

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 12 of 12

Hole Number: **GY21-02A**

Units: METRIC

WRA Alteration Indices

Sample Number	From	To	Length	Rock	CHEMID	Al ₂ O ₃ /TiO ₂	Zr/Y	ALUM	ISHIKW	ACNK	SERICIT	Ca/Al	Zn/Na ₂ O	MgO	NUM	Ni/MgO	CuZn	Co/Ni	Mineralization	Alteration	Comments
AT06141	218.00	221.00	3.00			20.15	4.14	173.46	32.92	0.88	0.27	0.24	185	0.38	1.36	0.45	1.00				
AT06142	239.00	242.00	3.00			39.89	4.91	167.76	36.62	0.98	0.59	0.12	143	0.34	3.33	0.54	1.00				

Jun 30, 2005



DETAILED LOG FALCONBRIDGE LTD.

Page 1 of 1

Hole Number: **GY23-01**

Units: METRIC

Project Name: Exploration	Location: Geary Twp.	Primary Coordinates	Destination Coordinates	Alternate Coordinates	Collar Dip: -50.00
Project Number: Explor	Section:	Grid: UTM: (P)	Grid: UTM:	Grid: UTM:	Collar Az: 200.00
Claim Number: P3010156	Parent (if wedge):	North: 5408044.00	North: 5408044.00	North: 1075.00	Length: 245.01
Hole Type: Exploration		East: 451317.00	East: 451317.00	East: 1400.00	Start Depth: 0.00
		Elev: 300.00	Elev: 300.00	Elev:	Final Depth: 245.01
Date Started: Aug 24, 2004	Collar Survey: N	Pulse EM Survey:	Multishot Survey: N	Contractor: BRADLEY BROS.	
Date Completed: Aug 27, 2004	Making Water: N	Plugged: N	Is Cemented: N	Core Storage: Kidd Creek	
Date Entered:	Gas Intersected: N	Object In Hole: N	Verified: N	Casing: 43m	
Logged By: L. Pigeon				Hole Size: BQ	

Comments: AU in the assay sample numbers are shown as AV on lab certificates; WR - AT06124-6126 shown as AT06624-6626 on lab certificate.

Directional Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
55.00	196.60	-47.60	T	OK	
116.00	195.80	-48.40	T	OK	
176.00	205.00	-49.10	T	OK	
244.00	205.00	-47.70	T	OK	

L. Pigeon
 For: Luc Pigeon



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY23-01**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
0.00 TO 43.00	(CAS) Casing/Overburden				
43.00 TO 187.70	(7) Mafic Intrusive Rocks Medium- to coarse-grained feldspar porphyritic matachewan diabase. feldspar Porphyries are sub- to euhedral and are sericitized. They vary in size from 3mm to 5cm. Average porphyry content is about 5% but between 65m and 69 m pophyry content is about 15%. Rock contains about 0.1 dessiminated pyrite	43.00 - 187.70: (M) Massive 43.00 - 187.70: (OP) Ophitic 43.00 - 187.70: (PH) Porphyritic euhedral feldspar 43.00 - 187.70: (B) Medium Grained 43.00 - 187.70: (C) Coarse Grained	63.20 - 63.70: (FZG) Fault Zone - Gouge, 20 Deg to CA 69.10 - 69.30: (BC) Broken Core, 73.20 - 74.40: (BC) Broken Core, 78.50 - 79.20: (BC) Broken Core, 81.60 - 83.00: (BC) Broken Core, 118.00 - 118.50: (FZG) Fault Zone - Gouge, 20 Deg to CA 179.00 - 180.30: (FZ) Fault (Fault Zone), with broken core	43.00 - 187.70: (SE) Sericitization, (W) Weak, (P) Pervasive porphyries	43.00 - 187.70: 0.1% (PY) Pyrite, (D) Disseminated/Blebbly
187.70 TO 208.80	(7) Mafic Intrusive Rocks Transition zone between diabase dike and country rock. The rock is highly shistose and locally even gneissic and in some cases appears to be partially melted. The rock is fine grained and dark gray. The rock contains the odd euhedral sericitized feldspar phenocrysts which indicates that its related to the diabase. The contact between the country rock is not obvious as the two rock types are intermixed in this zone. Calcite +/- sericite stringers are common.	187.70 - 208.80: (FP) Feldspar Phyric 187.70 - 208.80: (PH) Porphyritic 187.70 - 208.80: (A) Fine Grained	187.70 - 208.80: (SSF) Strongly Schistose/Foliated, 45 Deg to CA	187.70 - 208.80: (CC) Calcite (Calcitic Alt.), (M) Moderate, (P) Pervasive to strong 187.70 - 208.80: (SE) Sericitization, (W) Weak, (P) Pervasive	187.70 - 208.80: 0.25% (PY) Pyrite, (D) Disseminated/Blebbly
208.80 TO 222.20	(4) Felsic Volcanic Rocks Fine-grained felsic tuff interbedded with fine-grained feldspar phyric felsic tuff. Rock is light gray and is lightly sericitized and moderately calcite altered. Rock is highly foliated and shistose in some areas. The last 1 metre of unit is highly carbonate altered giving a light tan-brown color to rock. In this zone the rock is very soft.	208.80 - 222.20: (BD) Bedded 208.80 - 222.20: (TUF) Tuff 208.80 - 222.20: (A) Fine Grained	208.80 - 222.20: (SF) Schistose/Foliated, 45 Deg to CA 219.60 - 219.70: (BC) Broken Core,	208.80 - 222.20: (CC) Calcite (Calcitic Alt.), (S) Strong, (P) Pervasive 208.80 - 222.20: (SE) Sericitization, (W) Weak, (P) Pervasive	208.80 - 222.20: 0.5% (PY) Pyrite, (D) Disseminated/Blebbly



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **GY23-01**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
222.20 TO 232.30	<p>(5) Sedimentary Rocks</p> <p>Fine grained mineralized black argillite unit containing about 20 % bedded pyrite. This unit is interbedded with thin brown colored chert beds and light to dark gray altered felsic tuff (2-3% Py). The felsic tuff is now very soft and has undergone calcite and maybe kaolinization or sericitization(?), however the rock does not have the yellowish color usually associated with sericite alteration. Calcite veining, blebs and alteration is common. Pyrite beds also contains white calcite and are highly reactive.</p> <p>Pyrite beds are 1mm to 15 mm thick. The rock is schistose with schistosity about 45 degrees to core axis. The cleavage planes contain a very soft mineral which is likely talc, kaolinite or sericite.</p>	<p>222.20 - 232.30: (CH) Chert</p> <p>222.20 - 232.30: (TNL) Thinly Laminated</p> <p>222.20 - 232.30: (GPH) Graphitic/Argillaceous argillaceous but no graphite</p> <p>222.20 - 232.30: (TUF) Tuff</p> <p>222.20 - 232.30: (BD) Bedded</p>	<p>222.20 - 232.30: (SSF) Strongly Schistose/Foliated, 45 Deg to CA</p> <p>222.20 - 232.30: (BD) Bedding, 45 Deg to CA</p> <p>225.30 - 225.50: (FZ) Fault (Fault Zone),</p>	<p>222.20 - 232.30: (KA) Kaolinization, (M) Moderate, (P) Pervasive</p> <p>(?)</p> <p>222.20 - 232.30: (CC) Calcite (Calcitic Alt.), (M) Moderate, (P) Pervasive to strong. also spots and bed controlled</p>	<p>222.20 - 232.30: 10% (PY) Pyrite, (B) Bedded average of whole unit but locally more concentrated</p>
232.30 TO 245.00	<p>(4) Felsic Volcanic Rocks</p> <p>Light gray fine-grained altered felsic tuff containing a minor amount of quartz eyes. The rock is soft and has undergone calcite, sericite and likely kaolinite alteration. A few localized dark-brown patches are caused by Fe-carbonate alteration. The last 4.5 m of this unit contains light pink and white beds of chert and/or feldspar.</p> <p>Dessiminated Po ~0.5% and Py (~2%) occurs in the first metre of the unit. Less than 0.25 % pyrite is present in the rest of the unit.</p>	<p>232.30 - 245.00: (CH) Chert ?</p> <p>232.30 - 245.00: (TUF) Tuff</p> <p>232.30 - 245.00: (BD) Bedded</p>	<p>232.30 - 245.00: (SSF) Strongly Schistose/Foliated, 45 Deg to CA</p> <p>232.30 - 245.00: (BD) Bedding, 45 Deg to CA</p>	<p>232.30 - 245.00: (SE) Sericitization, (M) Moderate, (P) Pervasive</p> <p>232.30 - 245.00: (SID) Siderite (Fe-Carbonate), (S) Strong, (S) Spots/Mealy</p> <p>232.30 - 245.00: (KA) Kaolinization, (M) Moderate, (P) Pervasive</p> <p>?</p> <p>232.30 - 245.00: (CC) Calcite (Calcitic Alt.), (S) Strong, (P) Pervasive</p>	<p>232.30 - 245.00: 0.25% (PY) Pyrite, (D) Disseminated/Blebbly average of unit</p> <p>232.30 - 245.00: 0.1% (PO) Pyrrhotite, (D) Disseminated/Blebbly average of unit</p>
245.00 TO 245.01	(EOH) End of Hole				

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 4 of 11

Hole Number: **GY23-01**

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
AU04784	ASSAY	222.20	223.70	1.50											1				
AU04785	ASSAY	223.70	225.20	1.50											3				
AU04786	ASSAY	225.20	226.70	1.50											3				
AU04787	ASSAY	226.70	228.20	1.50											17				
AU04788	ASSAY	228.20	229.70	1.50											1				
AU04789	ASSAY	229.70	231.20	1.50											1				
AU04790	ASSAY	231.20	232.30	1.10											1				
AU04791	ASSAY	232.30	233.80	1.50											3				

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 6 of 11

Hole Number: **GY23-01**

Units: METRIC

Assay Information - Visual Estimates + Calculated Grades

Sample Number	Type	From	To	Length	Estimates							Calculations				Mineralization	Alteration	Rock	Comments		
					Cp %	Sph %	Gn %	Py %	Po %	Bo %	Au gpt	Ni %	Cu %	Zn %	Pb %					Ni %	
AU04784	ASSAY	222.20	223.70	1.50										0.00		0.00	0.00				
AU04785	ASSAY	223.70	225.20	1.50										0.00		0.00	0.00				
AU04786	ASSAY	225.20	226.70	1.50										0.00		0.00	0.00				
AU04787	ASSAY	226.70	228.20	1.50										0.00		0.00	0.00				
AU04788	ASSAY	228.20	229.70	1.50										0.00		0.00	0.00				
AU04789	ASSAY	229.70	231.20	1.50										0.00		0.00	0.00				
AU04790	ASSAY	231.20	232.30	1.10										0.00		0.00	0.00				
AU04791	ASSAY	232.30	233.80	1.50										0.00		0.00	0.00				

Jun 29, 2005



DETAILED LOG
FALCONBRIDGE LTD.

Page 7 of 11

Hole Number: **GY23-01**

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
AT06124	119.00	122.00	3.00			47.75	1.20	14.26	14.85	0.22	6.18	9.93	2.53	0.79	0.13		1.35	99.36	304	39	101	224	123			
AT06125	197.00	200.00	3.00			44.32	0.94	15.44	9.12	0.21	3.62	14.21	3.10	0.31	0.07		7.91	99.45	654	25	47	166	110			
AT06126	215.00	218.00	3.00			48.60	0.99	16.33	11.04	0.22	4.69	9.92	1.68	0.02	0.07		5.86	99.61	560	28	50	179	124			
AT06127	236.00	239.00	3.00			60.38	0.71	13.98	7.83	0.22	1.38	4.24	3.05	1.04	0.51		5.90	99.31	77	26	153	3	177			

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 9 of 11

Hole Number: **GY23-01**

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
ATO6124	119.00	122.00	3.00				536		11										60						
ATO6125	197.00	200.00	3.00				476		8										69						
ATO6126	215.00	218.00	3.00				529		8										81						
ATO6127	236.00	239.00	3.00				167		12										50						

Jun 29, 2005



**DETAILED LOG
FALCONBRIDGE LTD.**

Page 11 of 11

Hole Number: **GY23-01**

Units: METRIC

WRA Alteration Indices

Sample Number	From	To	Length	Rock	CHEMID	Al ₂ O ₃ /TiO ₂	Zr/Y	ALUM	ISHIKW	ACNK	SERICIT	Ca/Al	Zn/Na ₂ O	MgO	NUM	Ni/MgO	CuZn	Co/Ni	Mineralization	Alteration	Comments
AT06124	119.00	122.00	3.00			11.88	2.59	107.62	35.37	0.45	0.07	0.70	49	0.49	18.45	64.55	0.80				
AT06125	197.00	200.00	3.00			16.43	1.88	87.63	18.50	0.36	0.02	0.92	35	0.48	64.36	60.14	0.44				
AT06126	215.00	218.00	3.00			16.49	1.79	140.53	28.88	0.56	0.00	0.61	74	0.50	50.32	59.08	0.42				
AT06127	236.00	239.00	3.00			19.69	5.88	167.83	24.92	0.81	0.20	0.30	58	0.29	1.81	1.39	1.00				



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 2 of 2

Geochemical Analysis Certificate

4W-2590-RG1

Company: **FALCONBRIDGE LTD (EXPL)**

Date: NOV-17-04

Project:

Attn: D. Rogers

We hereby certify the following Geochemical Analysis of 58 Core samples submitted NOV-12-04 by .

Sample Number	Au_PPB	Cu_gpt	Zn_gpt	Pb_gpt	Ag_PPM	Ni_gpt	Co_gpt	
AV01467	<2	41	100	110	0.2	68	3	
AV03014	3	30	68	1	0.1	42	15	
AV03015	<2	42	80	1	0.1	44	17	
AV03016	<2	37	68	1	0.1	41	12	
AV03017	CARS43-01	<2	21	63	1	0.1	33	10
AV03018	<2	44	59	1	0.1	38	17	
AV03019	<2	68	72	1	0.1	42	17	
AV03020	<2	26	63	1	0.1	39	16	
AV03021	<2	26	66	1	0.1	38	13	
AV03022	3	35	77	1	0.1	42	12	
AV03023	<2	25	83	1	0.1	27	17	
AV03024	<2	31	128	1	0.1	41	12	
AV04778	<2	667	108	5	0.2	83	31	
AV04779	LEA51-02	<2	61	84	6	0.1	133	35
AV04780	<2	72	75	1	0.1	80	32	
AV04789	<2	122	916	13	0.2	27	24	
AV04790	GY23-01	<2	200	1390	26	0.2	46	43
AV04791	3	72	547	1	0.1	22	22	
AV04792	<2	16	150	1	0.1	32	14	
AV04793	3	53	36	1	0.1	8	13	
AV04794	3	88	107	2	0.1	295	47	
AV04795	GY21-01	<2	56	115	1	0.1	30	19
AV04796	3	355	355	2	0.2	101	71	
AV04797	3	106	734	25	0.2	74	46	
AV04798	<2	128	154	1	0.2	35	40	
AV04799	GY21-02	<2	106	114	1	0.1	35	41
AV04800	<2	88	104	1	0.1	33	36	
AV01465	<2	38	94	104	0.2	67	3	
Blank	<2	-	-	-	-	-	-	
STD OxK18	3292	-	-	-	-	-	-	

Certified by *Denis Chantre*



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

4W-2591-RG1

Company: **FALCONBRIDGE LTD (EXPL)**

Date: NOV-16-04

Project:

Attn: D. Rogers

We hereby certify the following Geochemical Analysis of 56 Core samples submitted NOV-12-04 by .

Sample Number	Au_PPb	Cu_gpt	Zn_gpt	Pb_gpt	Ag_PPM	Ni_gpt	Co_gpt
AV07832	<2	150	116	1	0.1	38	44
AV07833	<2	112	122	1	0.1	36	38
AV07834	<2	96	124	1	0.1	33	40
AV07835	<2	89	121	1	0.1	32	40
AV07836	<2	59	80	1	0.1	20	26
AV07837	<2	106	117	1	0.1	32	38
AV07838	<2	108	124	1	0.1	28	42
AV07839	<2	71	289	1	0.1	35	24
AV07840	3	108	194	1	0.1	190	35
AV07841	<2	130	91	1	0.1	740	65
AV07842	<2	114	193	1	0.2	634	80
AV07843	<2	104	230	1	0.1	325	50
AV07844	<2	77	344	1	0.3	315	66
AV07845	<2	80	262	1	0.3	123	37
AV07846	3	76	177	1	0.2	93	32
AV07847	<2	155	359	1	0.2	121	55
AV07848	<2	49	169	1	0.1	21	35
AV07849	<2	39	144	1	0.1	25	31
AV07850	<2	87	102	1	0.1	144	36
AV01464	<2	39	99	104	0.2	64	3
AV04865	<2	32	75	1	0.1	24	9
AV04866	<2	92	93	1	0.1	65	33
AV04867	<2	138	86	1	0.1	84	43
AV04868	<2	111	89	1	0.1	110	48
AV04869	<2	129	100	1	0.1	115	61
AV04870	3	100	302	1	0.2	86	31
AV04871	<2	71	188	1	0.1	124	32
AV04872	<2	87	139	1	0.2	450	63
AV04873	<2	40	415	1	0.2	347	37
AV04874	<2	61	215	1	0.1	45	15

Certified by Denis Chartier



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 2

4W-2652-RG1

Date: NOV-25-04

Geochemical Analysis Certificate

Company: **FALCONBRIDGE (EXPL) LTD**

Project:

Attn: **D. Rogers**

We hereby certify the following Geochemical Analysis of 55 Core samples submitted NOV-22-04 by .

Sample Number	Au_PPB	Cu_gpt	Zn_gpt	Pb_gpt	Ag_PPM	Ni_gpt	Co_gpt
AV01475	7	36	93	105	0.2	68	3
AV01476	3	37	91	103	0.2	69	3
AV01477	3	36	90	107	0.2	63	3
KA02311	7	35	133	1	0.1	8	16
AV03025	<2	27	96	9	0.1	33	25
AV03026	58	76	103	62	2.8	70	47
AV03027	<2	44	77	4	0.7	39	20
AV03028	7	41	75	1	0.1	42	16
AV03029	<2	38	57	1	0.1	40	21
AV03030	<2	33	67	10	0.2	35	15
AV03031	72	44	58	1	0.1	41	18
AV03032	<2	35	69	1	0.2	42	18
AV03033	7	166	82	1	0.1	17	28
AV03034	<2	55	65	1	0.1	11	17
AV03035	<2	109	98	1	0.2	15	20
AV03036	<2	54	132	1	0.1	56	26
AV03037	<2	123	96	1	0.2	104	40
AV03038	<2	140	95	1	0.2	73	47
AV03039	<2	51	102	1	0.1	56	21
AV03040	<2	122	82	1	0.1	84	38
AV03041	<2	180	70	1	0.2	109	40
AV03042	<2	92	83	1	0.2	63	35
AV03043	10	208	42	1	0.2	27	24
AV03044	2	101	64	1	0.1	43	22
AV03045	<2	64	58	1	0.1	29	21
AV03046	473	80	72	2	0.1	33	32
AV03047	24	92	81	1	0.2	51	48
AV03048	<2	18	106	1	0.1	35	20
AV03049	10	252	117	3	0.2	69	51
AV03050	3	496	84	1	0.2	113	35

CARS43-01

TURN15-01

TURN15-02

Certified by 



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-2592-RG1

Company: **FALCONBRIDGE LTD (EXPL)**

Date: NOV-16-04

Project:

Attn: D. Rogers

We hereby certify the following Geochemical Analysis of 8 Core samples submitted NOV-12-04 by .

Sample Number	Au_PPB	Cu_gpt	Zn_gpt	Pb_gpt	Ag_PPM	Ni_gpt	Co_gpt
AV04781	10	404	202	11	0.2	94	51
AV04782	<2	83	121	7	0.1	87	34
AV04783	<2	36	135	1	0.1	59	33
AV04784	<2	53	228	16	0.2	26	18
AV04785	3	84	686	48	0.3	53	39
AV04786	3	141	1100	663	2.8	47	37
AV04787	17	48	128	1	0.1	21	21
AV04788	<2	144	920	12	0.2	32	30
Blank	<2	-	-	-	-	-	-
STD OxK18	3512	-	-	-	-	-	-

Certified by Denis Chantre

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 4W2476

Date : Nov-18-04

FALCONBRIDGE (EXPL) LTD

Attention: L. Pigeon

Project:

Sample:

ICP Whole Rock Assay

Lithium Metaborate Fusion

Sample Number	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	CaO %	MgO %	Na ₂ O %	K ₂ O %	TiO ₂ %	MnO %	P ₂ O ₅ %	Cr ppm	Zr ppm	Y ppm	Cu ppm	Zn ppm	Ni ppm	Co ppm	Nb ppm	V ppm	Sc ppm	Be ppm	LOI %	Total %
AU08318	41.73	14.47	13.39	12.41	4.40	2.13	0.01	0.91	0.28	0.09	402	45	35	205	160	188	119	<10	634	84	9	9.37	99.40
AU08319	65.90	14.25	5.55	2.20	1.57	3.67	1.98	0.47	0.12	0.12	501	226	79	<5	123	20	27	<10	65	21	7	3.82	99.75
AU08320 <i>CARS 43-01</i>	45.94	13.76	12.65	9.48	4.49	0.75	0.46	1.29	0.18	0.17	176	125	55	62	213	84	93	<10	542	60	13	10.49	99.79
AU08321	66.99	15.22	2.22	2.91	1.42	1.63	3.22	0.50	0.06	0.11	530	279	85	34	148	21	25	<10	41	23	7	4.96	99.35
AU08333	51.49	14.66	13.50	4.92	3.76	4.18	0.23	1.31	0.15	0.25	277	170	70	72	242	71	92	<10	421	51	14	4.96	99.55
AU08334 <i>TURN 15-01</i>	51.64	14.96	13.54	5.18	3.58	4.09	0.43	1.43	0.17	0.29	377	188	77	31	263	12	93	<10	391	50	15	4.31	99.76
AU08335	52.08	15.04	12.74	6.76	3.78	4.02	0.87	1.39	0.19	0.28	429	166	72	118	279	46	99	<10	427	52	15	2.08	99.35
AU08336	57.00	17.41	8.04	3.59	3.87	4.54	1.20	1.08	0.08	0.24	389	150	24	<5	79	101	74	<10	341	29	11	2.61	99.78
AU08337	58.61	16.31	7.26	6.11	2.89	4.19	0.81	0.97	0.06	0.21	580	151	37	<5	59	79	77	<10	283	34	10	2.09	99.64
AU08338	43.94	15.90	13.15	9.10	8.66	1.80	1.86	0.96	0.21	0.11	380	54	32	102	278	333	130	<10	522	67	10	3.38	99.27
AU08339 <i>TURN 15-02</i>	53.34	14.64	13.34	6.43	3.22	3.50	0.65	1.36	0.17	0.27	331	203	68	<5	255	43	98	<10	422	52	14	2.34	99.40
AU08340	56.32	14.05	12.20	5.33	3.33	3.47	0.75	1.21	0.17	0.22	252	178	69	78	248	61	78	<10	360	47	11	2.34	99.57
AU08341	42.73	8.14	8.02	9.75	11.29	0.78	0.07	0.39	0.23	0.07	8636	28	16	121	163	4447	335	<10	308	56	<5	16.64	99.57
AU08342	49.46	13.29	9.60	5.17	10.24	2.56	<0.01	0.59	0.17	0.20	1890	64	22	104	237	506	135	<10	437	65	<5	8.12	99.71
AU08343	34.52	3.15	9.23	4.02	32.15	0.04	<0.01	0.13	0.12	0.07	3285	<10	<5	<5	101	3958	205	<10	103	29	<5	15.19	99.31
AU08344	53.14	15.41	7.60	7.23	4.39	4.74	0.11	1.16	0.15	0.22	393	87	34	31	195	101	71	<10	432	54	10	5.32	99.6
AU08345	51.26	16.66	9.30	7.23	5.26	3.80	0.40	1.27	0.20	0.27	334	97	37	41	174	101	74	<10	484	62	11	3.84	99.6
AU08346	48.30	17.45	9.75	6.97	6.54	2.69	0.52	1.28	0.22	0.38	336	119	36	<5	252	<5	<5	114	494	94	8	5.02	99.2
AU08348	50.13	18.25	7.17	7.75	2.94	4.42	0.52	1.13	0.22	0.34	403	43	27	<5	155	160	129	<10	406	108	11	6.26	99.2
AU08349	48.86	15.24	10.65	8.84	3.36	2.79	0.15	1.10	0.21	0.45	254	98	20	<5	210	<5	22	100	404	100	12	7.58	99.3
AU08350	51.74	17.03	9.58	6.81	4.65	3.15	0.39	1.13	0.19	0.48	452	92	25	<5	255	<5	<5	<10	481	96	<5	4.39	99.6
AT06127	60.38	13.98	7.83	4.24	1.38	3.05	1.04	0.71	0.22	0.51	77	153	26	<5	177	<5	<5	67	167	50	12	5.90	99.3
AT06128	70.45	12.41	4.90	2.09	1.32	1.93	2.54	0.35	0.08	0.20	488	289	83	<5	141	<5	<5	<10	57	31	<5	2.89	99.2
AT06129	49.95	14.08	13.61	7.41	6.87	2.13	0.24	1.08	0.18	0.44	220	89	33	<5	558	57	49	<10	539	124	7	3.11	99.2
AT06130	69.98	12.36	4.83	2.18	0.87	3.71	1.55	0.30	0.08	0.30	268	285	74	<5	312	<5	<5	70	54	55	<5	3.31	99.5
AT06131	56.40	12.09	7.01	4.24	3.09	1.41	2.24	0.57	0.16	0.41	246	202	47	<5	211	72	<5	<10	197	70	<5	11.48	99.2
AT06132	52.18	12.81	12.70	5.65	4.18	2.98	0.23	1.30	0.16	0.58	<5	151	53	<5	318	<5	<5	155	397	87	12	6.38	99.2
AT06133	44.26	11.09	13.59	5.55	12.65	0.37	0.04	0.72	0.18	0.43	749	64	18	<5	314	738	79	<10	229	68	<5	10.31	99.4
AT06134	47.25	11.04	15.87	6.67	3.74	2.22	0.13	1.35	0.35	0.51	<5	106	53	<5	315	<5	52	<10	700	122	8	10.23	99.5
AT06135	47.50	11.30	14.25	6.87	4.52	2.01	0.23	1.28	0.22	0.47	<5	85	62	<5	397	<5	<5	<10	557	120	<5	10.44	99.2

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

Signed: *Andy Perro*

FALCONBRIDGE (EXPL) LTD

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Report No : 4W2470

Attention: L. Pigeon

Tel: (604) 327-3436 Fax: (604) 327-3423

Date : Nov-18-04

Project:

Sample:

ICP Whole Rock Assay

Lithium Metaborate Fusion

Sample Number	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	CaO %	MgO %	Na ₂ O %	K ₂ O %	TiO ₂ %	MnO %	P ₂ O ₅ %	Cr ppm	Zr ppm	Y ppm	Cu ppm	Zn ppm	Ni ppm	Co ppm	Nb ppm	V ppm	Sc ppm	Be ppm	LOI %	Total %
AT06136	51.53	13.93	11.10	8.78	6.75	1.94	<0.01	0.72	0.17	0.39	523	52	23	<5	285	<5	<5	<10	522	128	<5	4.06	99.52
AT06137	54.01	12.77	10.93	8.81	6.40	1.75	<0.01	0.72	0.16	0.41	481	46	19	<5	236	236	52	<10	390	129	<5	3.51	99.63
AT06138	51.81	11.43	15.65	6.68	4.39	2.02	<0.01	1.53	0.26	0.74	156	96	50	<5	385	<5	<5	<10	517	134	9	4.82	99.47
AT06139	53.50	10.87	16.26	6.07	5.31	2.08	<0.01	1.34	0.20	0.59	<5	84	45	<5	376	<5	<5	<10	703	137	<5	2.80	99.15
AV02899	77.17	10.24	3.16	0.21	0.76	1.30	4.40	0.28	0.03	0.48	392	250	196	<5	362	<5	<5	<10	58	59	<5	1.18	99.34

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

Attention:

Tel: (604) 327-3436 Fax: (604) 327-3423

Date : Nov-25-04

Project: 356/209

Sample: Core

ICP Whole Rock Assay

Lithium Metaborate Fusion

Sample Number	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	CaO %	MgO %	Na ₂ O %	K ₂ O %	TiO ₂ %	MnO %	P ₂ O ₅ %	Cr ppm	Zr ppm	Y ppm	Cu ppm	Zn ppm	Ni ppm	Co ppm	Nb ppm	V ppm	Sc ppm	Be ppm	LOI %	Total %
AT06140	50.50	10.27	15.36	5.53	3.34	2.31	<0.01	1.23	0.30	0.69	<5	86	47	<5	416	<5	<5	<10	635	147	<5	9.66	99.33
AT06141	64.28	12.09	7.06	2.92	1.84	2.99	1.06	0.60	0.14	0.79	185	153	37	<5	554	<5	<5	11	104	105	<5	5.19	99.09
AT06142	74.17	10.77	3.43	1.32	0.75	3.21	1.89	0.27	0.08	0.53	574	260	53	<5	460	<5	<5	92	<5	69	<5	2.50	99.07
AU08306	69.47	12.05	3.93	3.07	1.81	3.77	0.93	0.40	0.07	0.83	313	112	<5	<5	199	<5	<5	<10	67	83	<5	2.98	99.39
AU08307	53.85	10.82	11.26	4.83	6.21	1.49	<0.01	0.75	0.13	0.72	<5	48	16	<5	380	<5	<5	<10	329	144	<5	9.05	99.20
AU08308	70.07	12.29	3.50	2.63	2.08	3.91	0.44	0.42	0.06	0.91	329	125	<5	<5	258	<5	<5	<10	29	95	<5	2.99	99.39
AU08309	72.41	12.51	2.51	2.37	0.97	3.93	0.71	0.35	0.05	0.77	315	105	5	<5	261	<5	<5	<10	<5	77	<5	2.72	99.37
AU08310	64.56	11.95	4.89	2.95	2.43	4.26	0.94	0.48	0.06	1.10	190	92	<5	<5	249	<5	<5	<10	192	78	<5	5.70	99.40
AU04989	54.09	5.22	19.38	0.81	0.53	1.02	0.38	0.25	0.03	0.74	1986	126	20	<5	5252	<5	<5	<10	175	89	<5	15.86	99.07
AU04990	52.61	9.91	7.71	6.27	4.93	3.22	<0.01	1.60	0.18	1.27	113	104	5	<5	331	<5	<5	209	254	105	12	11.21	99.04
AU04991	52.46	12.10	7.63	4.46	5.03	1.36	0.56	0.73	0.20	0.62	55	55	10	<5	1225	60	<5	<10	372	159	<5	14.05	99.40
AU04992	39.33	5.74	10.84	8.12	11.24	0.20	<0.01	0.39	0.42	0.64	4140	25	6	<5	250	1671	31	<10	216	126	<5	21.67	99.23
AU04993	52.40	14.21	11.56	4.40	6.57	2.64	1.18	1.07	0.15	0.17	550	77	18	321	52	140	62	39	310	44	10	4.87	99.38
AU04994	42.85	8.19	10.84	12.49	13.62	0.65	4.02	0.76	0.17	1.39	321	426	40	12	71	169	44	<10	177	39	12	4.41	99.52
AU04995	43.87	11.09	10.86	8.03	10.70	0.41	2.52	0.66	0.16	0.16	470	51	13	16	37	137	55	21	249	38	7	10.77	99.32

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

Signed: July Power

Assayer: **inada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : **4W2470 RL**

Date : **Nov-18-04**

FALCONBRIDGE (EXPL) LTD

Attention: L. Pigeon

Project:

Sample:

ICP Whole Rock Assay

Lithium Metaborate Fusion

Sample Number	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	CaO %	MgO %	Na ₂ O %	K ₂ O %	TiO ₂ %	MnO %	P ₂ O ₅ %	Cr ppm	Zr ppm	Y ppm	Cu ppm	Zn ppm	Ni ppm	Co ppm	Nb ppm	V ppm	Sc ppm	Be ppm	LOI %	Total %
AT06616	41.78	6.69	12.07	5.07	25.05	0.05	0.02	0.36	0.16	0.06	3661	23	10	105	117	1525	147	<10	224	35	<5	7.67	99.56
AT06617	47.65	14.90	14.34	7.70	7.55	1.75	0.18	1.06	0.11	0.12	358	74	34	102	114	480	97	<10	534	68	9	3.86	99.41
AT06618	47.39	14.88	12.06	10.49	7.57	2.56	0.19	0.80	0.15	0.08	469	56	28	<5	24	119	80	<10	447	66	7	3.40	99.70
AT06619	46.58	15.55	12.71	11.12	6.82	1.83	0.24	0.93	0.18	0.09	444	62	28	60	50	92	84	<10	497	69	8	3.36	99.54
AT06620	47.82	14.50	12.40	10.68	7.63	1.71	0.23	0.76	0.20	0.07	419	44	22	117	81	90	80	<10	437	64	7	3.37	99.52
AT06621	45.73	13.76	16.68	3.92	8.79	1.25	0.33	0.99	0.18	0.10	59	68	32	78	207	64	98	<10	516	63	8	7.64	99.49
AT06622	47.79	14.47	11.74	10.27	8.06	1.97	0.43	0.80	0.15	0.07	428	55	26	19	34	92	78	<10	434	62	7	3.89	99.76
AT06623	48.29	14.51	11.90	10.32	7.31	2.23	0.43	0.80	0.16	0.07	366	49	23	13	36	91	77	<10	465	66	7	3.36	99.53
AT06624	47.75	14.26	14.85	9.93	6.18	2.53	0.79	1.20	0.22	0.13	304	101	39	224	123	114	91	<10	536	60	11	1.35	99.36
AT06625	44.32	15.44	9.12	14.21	3.62	3.10	0.31	0.94	0.21	0.07	654	47	25	166	110	233	102	<10	476	69	8	7.91	99.45
AT06626	48.60	16.33	11.04	9.92	4.69	1.68	0.02	0.99	0.22	0.07	560	50	28	179	124	236	100	<10	529	81	8	5.86	99.61
AU09591	70.02	13.14	3.28	0.25	0.62	1.48	8.58	0.28	0.03	0.05	579	307	177	106	111	155	<5	<10	37	5	<5	1.62	99.51
AU08322	69.46	14.53	3.69	2.01	0.69	2.22	2.97	0.46	0.06	0.09	330	260	66	31	461	14	25	<10	30	15	6	3.30	99.60
AU08323	63.75	14.74	4.56	3.72	1.89	2.33	2.43	0.49	0.07	0.09	309	160	29	47	80	56	28	<10	123	19	5	5.23	99.38
AU08324	42.45	12.60	10.95	8.76	5.80	1.95	0.43	0.92	0.18	0.11	231	73	29	79	101	148	69	<10	353	41	8	15.22	99.48
AU08325	58.66	13.76	4.45	5.53	2.09	2.91	1.73	0.45	0.08	0.10	322	143	26	23	49	52	27	<10	120	17	<5	9.48	99.32
AU08326	52.44	15.49	5.98	6.35	2.32	3.34	1.28	0.69	0.11	0.12	250	101	15	24	87	49	44	<10	169	20	6	11.52	99.70
AU08327	52.17	15.24	8.39	7.14	3.12	2.49	0.98	1.20	0.11	0.18	105	123	22	308	89	121	59	<10	255	26	11	8.50	99.62
AU08328	54.86	14.90	11.72	4.80	3.66	3.43	0.87	1.05	0.17	0.17	291	229	53	207	131	39	63	<10	256	34	10	3.63	99.41
AU08329	54.47	15.14	12.14	5.68	3.60	3.38	1.30	1.02	0.18	0.19	307	231	54	279	158	66	69	<10	276	35	10	2.53	99.76
AU08330	54.34	14.64	12.32	1.86	6.56	3.03	0.89	1.09	0.15	0.21	170	212	51	89	201	30	53	<10	257	34	11	4.55	99.74
AU08331	55.81	14.13	11.90	5.33	3.22	3.17	0.44	1.11	0.16	0.20	63	173	53	103	153	38	54	<10	277	34	10	3.81	99.36
AU08332	55.55	14.49	12.32	4.90	3.53	3.04	0.63	1.21	0.17	0.23	95	170	50	96	145	27	57	<10	310	37	11	3.44	99.60
AU08311	58.23	14.36	2.91	7.71	2.25	3.06	1.42	0.42	0.09	0.14	297	98	14	55	121	200	54	<10	120	16	6	9.01	99.72
AU08312	53.12	16.27	5.24	7.92	2.62	3.92	1.14	0.48	0.11	0.14	318	104	15	56	186	167	47	<10	179	31	6	8.69	99.76
AU08313	51.41	16.44	7.81	8.29	2.76	3.08	0.95	0.63	0.18	0.18	549	104	21	89	175	173	56	<10	249	29	7	7.48	99.34
AU08314	52.89	14.27	4.35	9.80	2.84	2.83	1.88	0.49	0.15	0.14	583	86	17	54	127	171	34	<10	182	23	6	9.84	99.61
AU08315	41.75	11.46	20.80	7.72	4.77	0.54	0.03	0.42	0.71	0.13	344	84	16	69	145	233	50	<10	213	23	<5	11.08	99.55
AU08316	47.53	11.47	10.72	9.24	4.42	2.15	0.82	0.40	0.38	0.13	770	75	17	33	115	335	56	<10	171	22	5	12.15	99.58
AU08317	42.35	14.76	14.50	10.76	6.06	1.17	<0.01	1.15	0.20	0.13	261	60	40	166	198	134	117	<10	686	84	11	8.24	99.49

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

Signed: 

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 4W2476

Date : Nov-18-04

FALCONBRIDGE (EXPL) LTD

Attention: L. Pigeon

Project:

Sample:

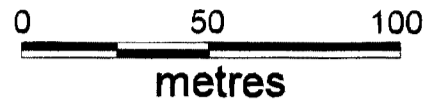
ICP Whole Rock Assay

Lithium Metaborate Fusion

Sample Number	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	CaO %	MgO %	Na ₂ O %	K ₂ O %	TiO ₂ %	MnO %	P ₂ O ₅ %	Cr ppm	Zr ppm	Y ppm	Cu ppm	Zn ppm	Ni ppm	Co ppm	Nb ppm	V ppm	Sc ppm	Be ppm	LOI %	Total %
AU08318	41.73	14.47	13.39	12.41	4.40	2.13	0.01	0.91	0.28	0.09	402	45	35	205	160	188	119	<10	634	84	9	9.37	99.40
AU08319	65.90	14.25	5.55	2.20	1.57	3.67	1.98	0.47	0.12	0.12	501	226	79	<5	123	20	27	<10	65	21	7	3.82	99.75
AU08320	45.94	13.76	12.65	9.48	4.49	0.75	0.46	1.29	0.18	0.17	176	125	55	62	213	84	93	<10	542	60	13	10.49	99.79
AU08321	66.99	15.22	2.22	2.91	1.42	1.63	3.22	0.50	0.06	0.11	530	279	85	34	148	21	25	<10	41	23	7	4.96	99.35
AU08333	51.49	14.66	13.50	4.92	3.76	4.18	0.23	1.31	0.15	0.25	277	170	70	72	242	71	92	<10	421	51	14	4.96	99.55
AU08334	51.64	14.96	13.54	5.18	3.58	4.09	0.43	1.43	0.17	0.29	377	188	77	31	263	12	93	<10	391	50	15	4.31	99.76
AU08335	52.08	15.04	12.74	6.76	3.78	4.02	0.87	1.39	0.19	0.28	429	166	72	118	279	46	99	<10	427	52	15	2.08	99.39
AU08336	57.00	17.41	8.04	3.59	3.87	4.54	1.20	1.08	0.08	0.24	389	150	24	<5	79	101	74	<10	341	29	11	2.61	99.78
AU08337	58.61	16.31	7.26	6.11	2.89	4.19	0.81	0.97	0.06	0.21	580	151	37	<5	59	79	77	<10	283	34	10	2.09	99.64
AU08338	43.94	15.90	13.15	9.10	8.66	1.80	1.86	0.96	0.21	0.11	380	54	32	102	278	333	130	<10	522	67	10	3.38	99.27
AU08339	53.34	14.64	13.34	6.43	3.22	3.50	0.65	1.36	0.17	0.27	331	203	68	<5	255	43	98	<10	422	52	14	2.34	99.40
AU08340	56.32	14.05	12.20	5.33	3.33	3.47	0.75	1.21	0.17	0.22	252	178	69	78	248	61	78	<10	360	47	11	2.34	99.53
AU08341	42.73	8.14	8.02	9.75	11.29	0.78	0.07	0.39	0.23	0.07	8636	28	16	121	163	4447	335	<10	308	56	<5	16.64	99.52
AU08342	49.46	13.29	9.60	5.17	10.24	2.56	<0.01	0.59	0.17	0.20	1890	64	22	104	237	506	135	<10	437	65	<5	8.12	99.76
AU08343	34.52	3.15	9.23	4.02	32.15	0.04	<0.01	0.13	0.12	0.07	3285	<10	<5	<5	101	3958	205	<10	103	29	<5	15.19	99.38
AU08344	53.14	15.41	7.60	7.23	4.39	4.74	0.11	1.16	0.15	0.22	393	87	34	31	195	101	71	<10	432	54	10	5.32	99.61
AU08345	51.26	16.66	9.30	7.23	5.26	3.80	0.40	1.27	0.20	0.27	334	97	37	41	174	101	74	<10	484	62	11	3.84	99.64
AU08346	48.30	17.45	9.75	6.97	6.54	2.69	0.52	1.28	0.22	0.38	336	119	36	<5	252	<5	<5	114	494	94	8	5.02	99.27
AU08348	50.13	18.25	7.17	7.75	2.94	4.42	0.52	1.13	0.22	0.34	403	43	27	<5	155	160	129	<10	406	108	11	6.26	99.27
AU08349	48.86	15.24	10.65	8.84	3.36	2.79	0.15	1.10	0.21	0.45	254	98	20	<5	210	<5	22	100	404	100	12	7.58	99.35
AU08350	51.74	17.03	9.58	6.81	4.65	3.15	0.39	1.13	0.19	0.48	452	92	25	<5	255	<5	<5	<10	481	96	<5	4.39	99.67
AT06127	60.38	13.98	7.83	4.24	1.38	3.05	1.04	0.71	0.22	0.51	77	153	26	<5	177	<5	<5	67	167	50	12	5.90	99.31
AT06128	70.45	12.41	4.90	2.09	1.32	1.93	2.54	0.35	0.08	0.20	488	289	83	<5	141	<5	<5	<10	57	31	<5	2.89	99.25
AT06129	49.95	14.08	13.61	7.41	6.87	2.13	0.24	1.08	0.18	0.44	220	89	33	<5	558	57	49	<10	539	124	7	3.11	99.26
AT06130	69.98	12.36	4.83	2.18	0.87	3.71	1.55	0.30	0.08	0.30	268	285	74	<5	312	<5	<5	70	54	55	<5	3.31	99.55
AT06131	56.40	12.09	7.01	4.24	3.09	1.41	2.24	0.57	0.16	0.41	246	202	47	<5	211	72	<5	<10	197	70	<5	11.48	99.21
AT06132	52.18	12.81	12.70	5.65	4.18	2.98	0.23	1.30	0.16	0.58	<5	151	53	<5	318	<5	<5	155	397	87	12	6.38	99.21
AT06133	44.26	11.09	13.59	5.55	12.65	0.37	0.04	0.72	0.18	0.43	749	64	18	<5	314	738	79	<10	229	68	<5	10.31	99.41
AT06134	47.25	11.04	15.87	6.67	3.74	2.22	0.13	1.35	0.35	0.51	<5	106	53	<5	315	<5	52	<10	700	122	8	10.23	99.51
AT06135	47.50	11.30	14.25	6.87	4.52	2.01	0.23	1.28	0.22	0.47	<5	85	62	<5	397	<5	<5	<10	557	120	<5	10.44	99.21

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

Signed: *Audrey Perrow*



P3010156

L12+00E

L14+00E

L16+00E

L18+00E

BL 10+00N

GY23-01

CAS

7

46°14' 37"

ASTRONOMIC



FALCONBRIDGE LIMITED

Exploration Division Timmins, ONTARIO

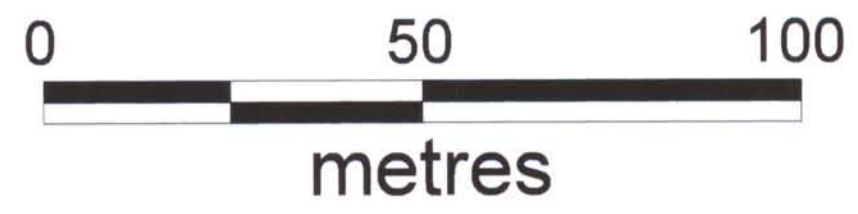


FedNor MegaTEM Joint Venture
(PN 356)

GY-23 Grid - Plan Map

DDH GY231-01

DRAWN: DPR	DATE:	MAP No:	FILE:
SUPERVISED: N.D.	DATE:	1:2,000	
REVISED:	DATE:		



P3013820

P3010157

WILHELMINA

GEARY

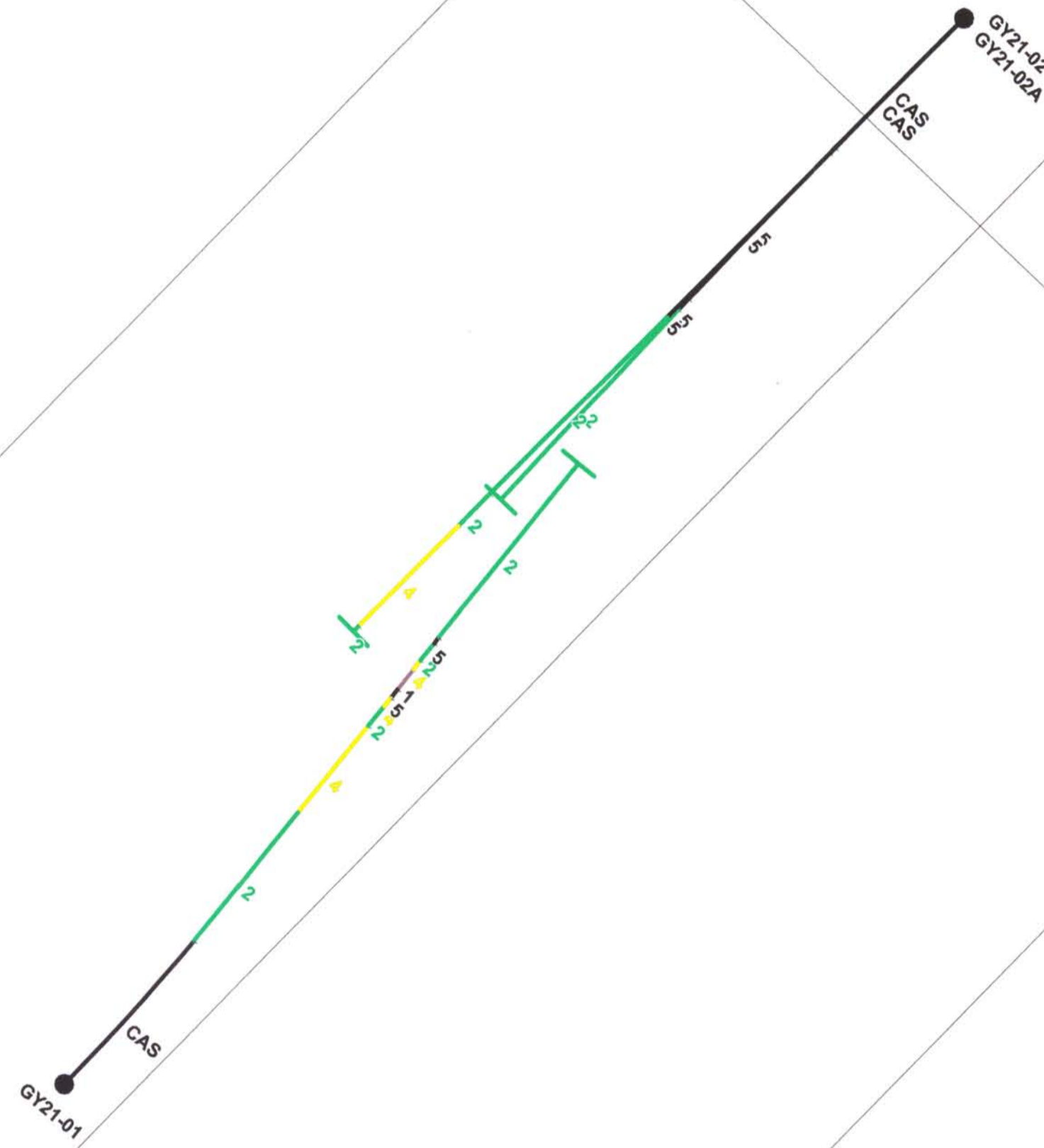
L 12+00E

L 13+00E

L 14+00E

2.32262

BL 10+00N



TL 6+00N

ASTRONOMIC



FALCONBRIDGE LIMITED



Exploration Division Timmins, ONTARIO

FedNor MegaTEM Joint Venture (PN 356)

GY-21 Grid - Plan Map DDH GY21-01/02/02A

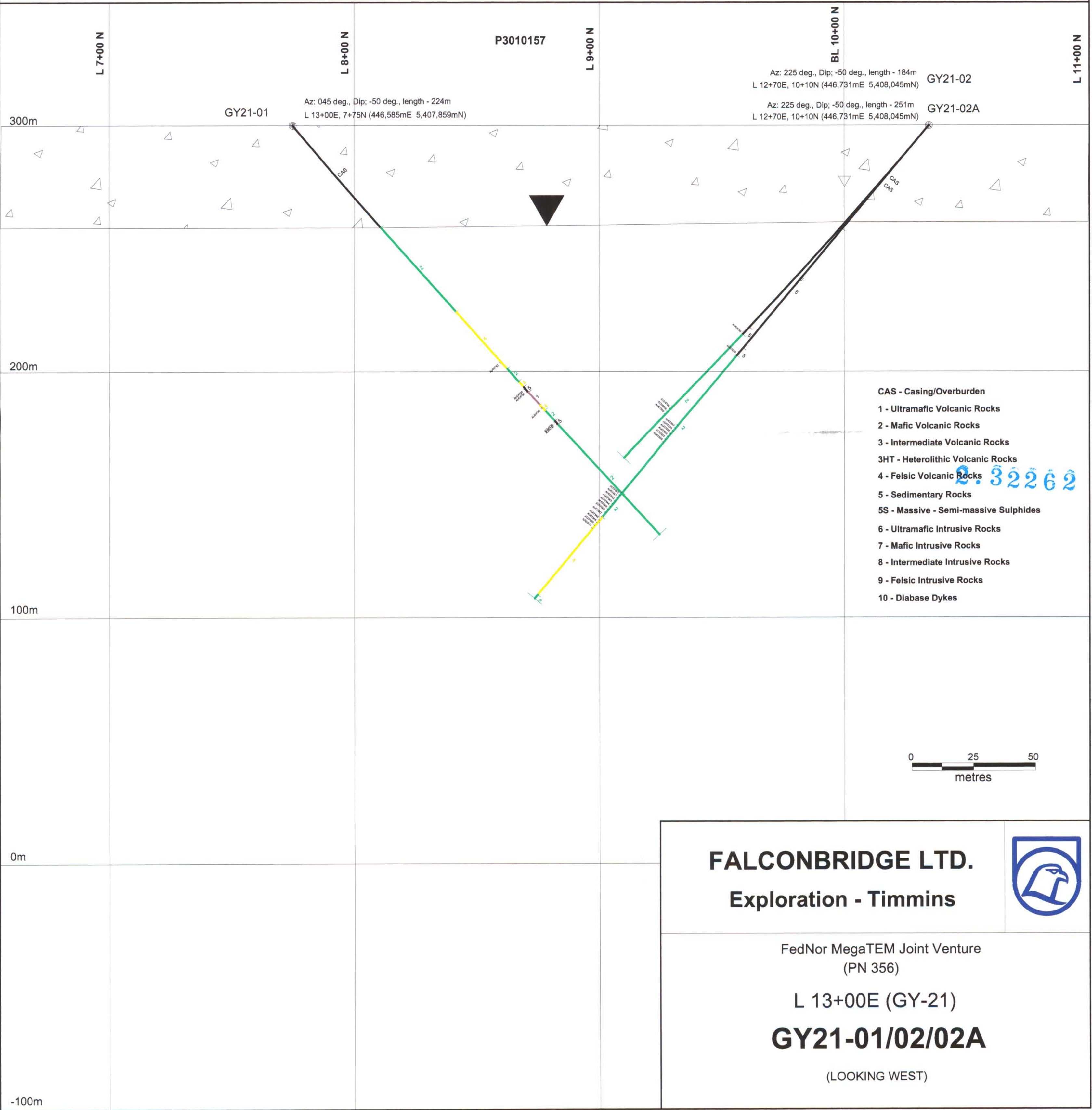
DRAWN: DPR	DATE:	MAP No:	FILE:
SUPERVISED: N.D.	DATE:	1:1,000	
REVISED:	DATE:		

Quadrature

In Phase

4.1	3.7	3.6	2.3	0.7	-0.9	-1.1	-1.3	-0.6	0.0	1.3	1.3	2.2	2.2	3.0
6.7	5.8	6.0	4.2	-1.1	-4.2	-7.2	-6.8	-4.4	-1.1	2.4	4.4	3.4	3.6	5.6

HLEM (444 Hz)
200m cable



FALCONBRIDGE LTD.
Exploration - Timmins

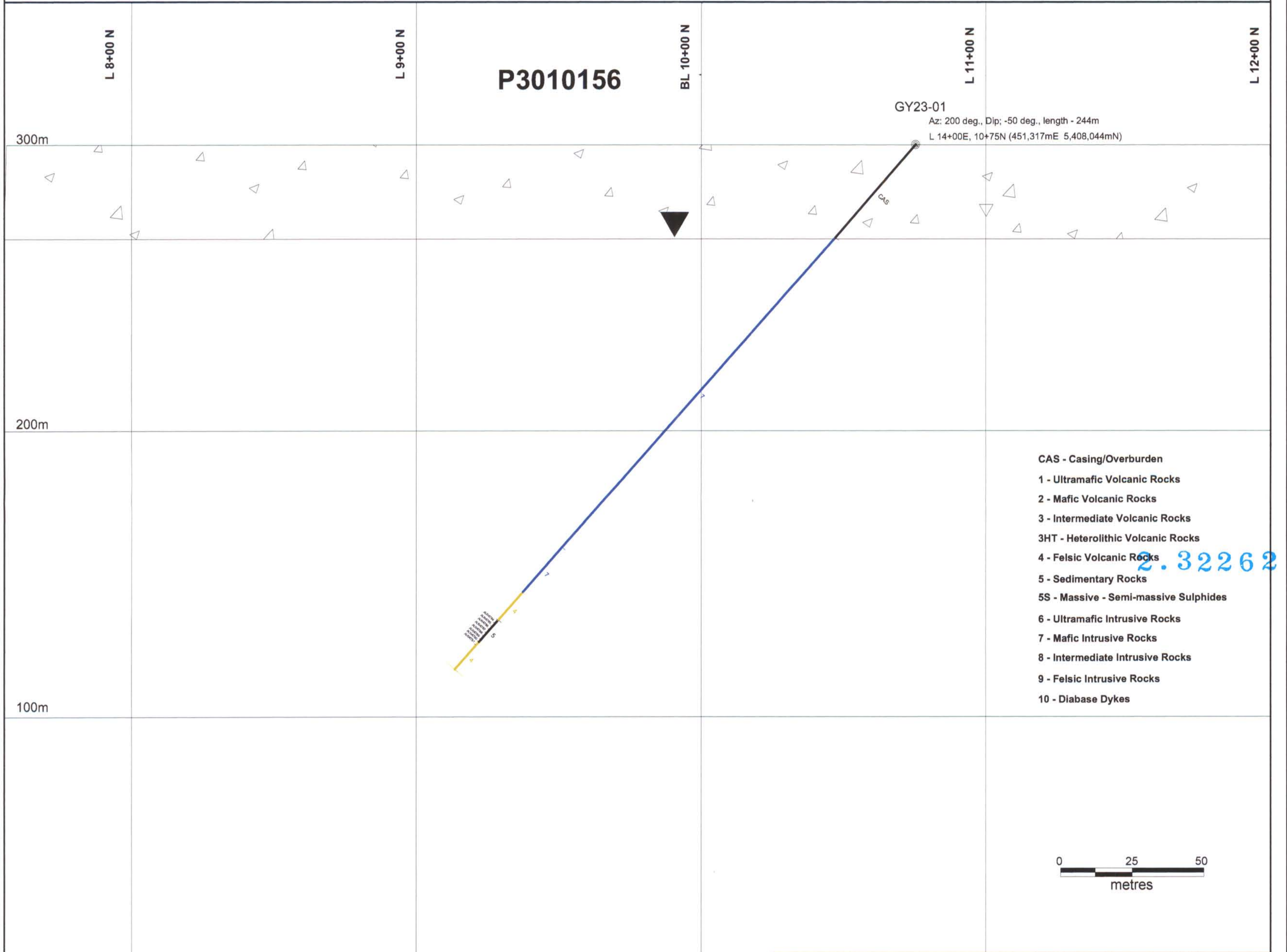
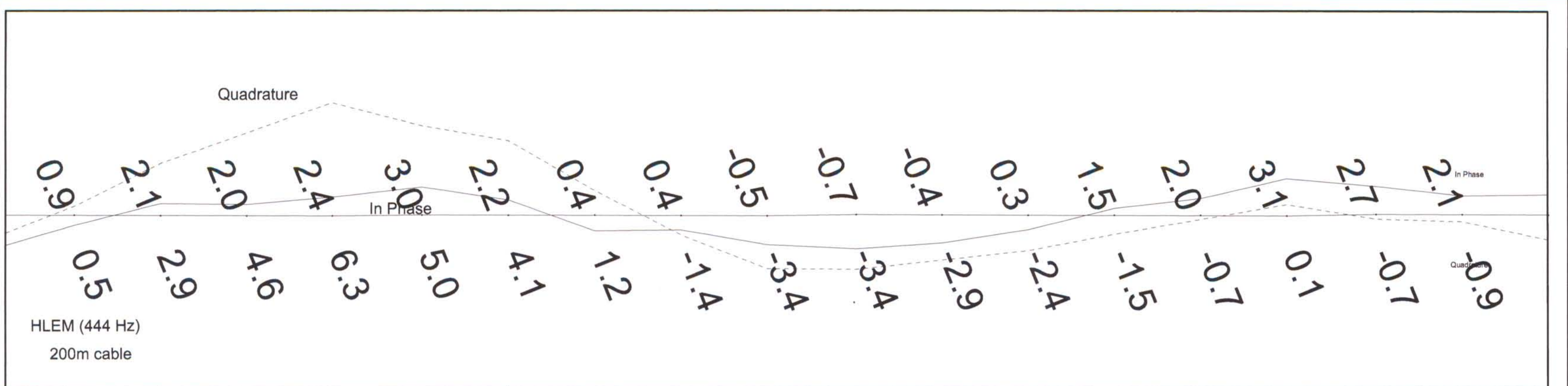


FedNor MegaTEM Joint Venture
(PN 356)


L 13+00E (GY-21)

GY21-01/02/02A

(LOOKING WEST)



FALCONBRIDGE LTD.
Exploration - Timmins



FedNor MegaTEM Joint Venture
(PN 356)

L 14+00E (GY-23)

GY23-01

(ROTATED SECTION - LOOKING NORTHWEST)