

REPORT ON DIAMOND DRILLING

Joe Lake Property
Adair Twp.
Larder Lake Mining Division

2.31568

NTS: 32E/05

PROJ #202

FALCONBRIDGE LIMITED
(formerly Noranda Inc.)
March 02, 2006



SUMMARY

A single drill hole was completed on the Joe Lake Property in eastern Adair Twp., Larder Lake Mining Division. The hole was drilled to 201m targeting an EM conductor detected by a ground geophysical survey. Drilling was conducted by Forage Orbit Inc. between March 02-04, 2005.

The drill hole intersected a 5m unit of iron formation containing 30% pyrrhotite-pyrite over 0.5m that is interpreted to correspond to the EM conductor. No anomalous base or precious metals were returned. Whole rock geochemical data confirm the presence of rhyolitic rocks that are typically associated with volcanic-hosted massive sulphide deposits, although no hydrothermal alteration was detected.

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LIST OF MAPS
(Back Pocket)

- 1) Diamond Drill Hole Location
- 2) Cross Section ADR02-01

INTRODUCTION, LOCATION & ACCESS

Diamond drilling was conducted in south-eastern Adair Township between March 02 – March 04, 2005 on the Joe Lake Property. Drilling targeted data from a surface TEM survey completed the previous winter. The hole extended to a depth of 201m and was drilled at azimuth 215°, -50° dip.

The Joe Lake property is located approximately 95km due east of the town of Cochrane in eastern Adair Twp., Larder Lake Mining Division near the Ontario-Quebec provincial border (Fig. 1). The property is accessed by ground in winter months by a series of logging roads and trails which extend northward from the all-weather Trans-limit logging road that connects Cochrane, ON with Normetal, PQ. Access via this route requires numerous water crossing permits from the Ministry of Natural Resources. The property consists of a single block of seven claims totalling 106 units (Fig. 1 inset). The claims are all registered to Falconbridge Ltd.

All planning, supervision and core logging were performed by Falconbridge Ltd. staff. Drilling was conducted by Forage Orbit Inc. from Val d'Or.

Property	Claim Number	Township	Due	Units
Joe Lake	3015003	ADAIR	2006-MAR-02	16
Joe Lake	3015004	ADAIR	2006-MAR-02	16
Joe Lake	3015005	ADAIR	2006-MAR-02	16
Joe Lake	3015006	ADAIR	2006-MAR-02	16
Joe Lake	3015007	ADAIR	2006-MAR-02	16
Joe Lake	3015008	ADAIR	2006-MAR-02	16
Joe Lake	3017285	ADAIR	2006-NOV-18	10

Table 1. Adair Twp. – Joe Lake Property Description

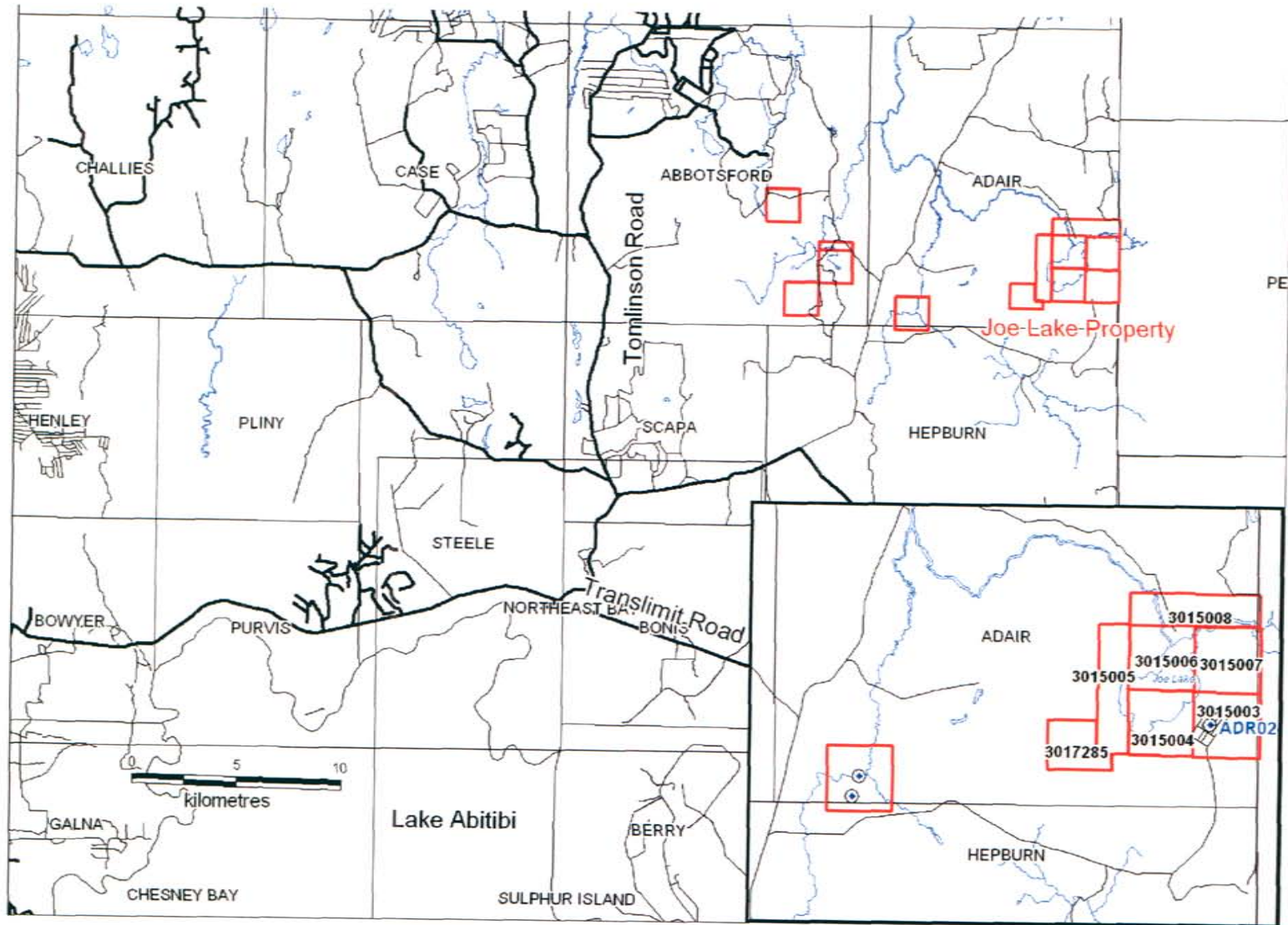


Fig. 1 – Property Location and Access

PREVIOUS WORK

Canadian Nickel conducted a regional EM survey that covered the southern portion of Adair Twp. including much of the Joe Lake Property. No follow-up work is known. Noranda Exploration Co. Ltd. performed detailed work west of the Joe Lake Property consisting of surface EM, geological mapping and diamond drilling. Noranda drilled nine holes in 1990 between Joe Lake and South Patten River. No anomalous base or precious metals were reported from the drilling.

AFRI File	Company	Work 1	Work 2	Work Report Number	Year
32E05SE0015	Can. Nickel	AEM	Geol		1987
32E04SE0010	Noranda	Geol		W9480-00383	1994
32E04SE0008	Noranda	PDrill		W9108-00022	1990
32E04SE9413	Noranda	PDrill		W9308-00118	1990

Table 2. Previous work in Joe Lake Property area (from ERMES files).

CURRENT WORK - ADR02-01

All drilling parameters and results for the hole can be found on the log (Appendix B) and the cross-section (map pocket). The 201 m hole intersected a sequence of mafic and felsic volcanic rocks highlighted by several intervals of iron formation and clastic sediments. The sediments mark the transition between the mafic and felsic volcanic rocks. Iron formation was intersected from 110.7-115.6m containing a 0.5m interval of semi-massive sulphides (30% pyrrhotite-pyrite). The sulphides are considered the source of the conductor outlined by EM geophysics.

Geochemical samples taken from the drill core are shown on the cross-section (back pocket) and data are listed in the drill log. No anomalous base or precious metals were returned from assay analyses. Mafic volcanic rocks range from basalt to andesite and felsic rocks are rhyolitic in composition ($Al_2O_3/TiO_2 > 50$). Hydrothermal alteration was not apparent from the whole-rock geochemical data.

PERSONNEL

The following Falconbridge Ltd. personnel were involved with planning, supervision, field operations, and reporting:

Allan Huard, Senior Project Geologist
Cliff David, Field Technician
Frank Santaguida, Senior Field Geologist



Frank Santaguida, P.Geo.
Senior Field Geologist
Falconbridge Limited (formerly Noranda Inc.)

Kidd Creek Minesite – Hwy 655
P.O. Box 1140
Timmins, ON
P4N 7H9
Work phone : 705-264-5200 (x-8821)

Feb 23, 2006



DETAILED LOG FALCONBRIDGE LTD.

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Hole Number: **ADR02-01**

Units: METRIC

Project Name: Exploration	Location: Adair Twp.	Primary Coordinates	Destination Coordinates	Alternate Coordinates	Collar Dip: -50.00
Project Number: Explor	Section:	Grid: UTM: (P)	Grid: UTM:	Grid: UTM:	Collar Az: 215.00
Claim Number: L3015003	Parent (if wedge):	North: 5437051.00	North: 5437051.00	North: 290.00	Length: 201.01
Hole Type: Exploration		East: 607019.00	East: 607019.00	East: 200.00	Start Depth: 0.00
		Elev: 316.00	Elev: 316.00	Elev: 316.00	Final Depth: 201.01
Date Started: Mar 02, 2005	Collar Survey: N	Pulse EM Survey: Y	Multishot Survey: N	Contractor: FORAGE ORBIT	
Date Completed: Mar 04, 2005	Making Water: N	Plugged: N	Is Cemented: N	Core Storage: Kidd Creek	
Date Entered: Mar 05, 2005	Gas Intersected: N	Object In Hole: N	Verified: N	Casing: 12m Left In Hole	
Logged By: A. Huard				Hole Size: BQ	

Comments: TARGET: 3 line, 20 channel MegaTEM conductor on strong mag high. Verified by ground TDEM survey. Could be conductive sulphides associated with iron formation. Located in felsic volcanics.

The conductor is explained by 30% laminated pyrrhotite in chert at 115.2-115.6, which is part of a larger oxide & silicate iron formation. No folding or significant faulting were noted. The only younging criterion noted was the apparent crystal settling in a sill at 164.1-173.2, which indicates tops are uphole (northeast). If this is the case, then the stratigraphy records andesite and rhyolite volcanism giving way to mafic volcanism, with iron formation occurring at the transition. There is no significant mineralization. The only alteration of note is minor sericite within the lower felsic unit. It is not associated with sulphides.

WR - calc-alkaline felsics below ~ 145m. No significant alteration.

Directional Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	215.00	-50.00	SS	OK	
90.00	199.50	-45.00	SS	OK	
175.00	197.60	-38.60	SS	OK	



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **ADR02-01**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
0.00 TO 13.00	(CAS) Casing/Overburden Overburden. 4x10' BW casing left in hole.				
13.00 TO 29.40	(2) Mafic Volcanic Rocks Dark grey-green mafic volcanic. Mostly massive, fine grained aphyric basalt with about 25% hyaloclastite. Local bedded appearance seems more shear-related than genuine. Local fragmental appearance also seems shear related, but could have some clastic/pyroclastic component. Fabric ranges from 30° to 50° to C.A.	13.00 - 29.40: (A) Fine Grained 13.00 - 29.40: (M) Massive		13.00 - 29.40: (CC) Calcite (Calcitic Alt.), (W) Weak, (FV) Fracture/Veined controlled	13.00 - 29.40: 0.01% (PO) Pyrrhotite, (D) Disseminated/Blebbly
29.40 TO 30.00	(5) Sedimentary Rocks Very dark grey-green, chlorite iron formation speckled with 3% garnet. Strongly magnetic. Bedding is uniform at 50° to C.A.	29.40 - 30.00: (IF) Oxide Iron Formation			29.40 - 30.00: 1% (PY) Pyrite, (D) Disseminated/Blebbly
30.00 TO 75.00	(2) Mafic Volcanic Rocks Similar mafic volcanics as in 13.0-29.4 but this interval is predominantly mafic hyaloclastite. Injected by several c.g. diabase dykes as noted below. Massive basalt is 25% of interval and is fine-grained. Minor dm-scale clastic/pyroclastic intervals. Bedding/foliation is 30 to 45° to C.A. 31.60-35.50 Green-grey mafic silt(?). Strong metamorphic overprint of c.g. biotite. Chlorite replaces ferromag phenocrysts. Both contacts are chilled 48.80-49.30 Same as 31.6-35.5. 51.20-57.40 Same as 31.6-35.5. 58.20-66.10 Same as 31.6-35.5	30.00 - 75.00: (M) Massive 30.00 - 75.00: (A) Fine Grained			
75.00 TO 75.18	(5S) Sulphide (>40%) Massive sulphide & chert. Bedding at 45° to C.A.	75.00 - 75.18: (CH) Chert			75.00 - 75.18: 15% (PY) Pyrite, (M) Massive 75.00 - 75.18: 15% (PO) Pyrrhotite, (M) Massive



DETAILED LOG FALCONBRIDGE LTD.

Hole Number: **ADR02-01**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
75.18 TO 77.00	(5) Sedimentary Rocks Dark green chlorite iron formation with 5% garnet porphyroblasts. Very strongly magnetic. Bedding is uniform at 45° to C.A.	75.18 - 77.00: (IF) Oxide Iron Formation			75.18 - 77.00: 2% (PY) Pyrite, (D) Disseminated/Blebbly
77.00 TO 87.20	(2) Mafic Volcanic Rocks Dark grey-green basalt flow. Massive and fine-grained.	77.00 - 87.20: (M) Massive 77.00 - 87.20: (A) Fine Grained		77.00 - 87.20: (CA) Carbonatization, (W) Weak, (P) Pervasive	
87.20 TO 87.60	(5) Sedimentary Rocks Very dark green chlorite-magnetite iron formation speckled with 5% pink garnet. Strongly magnetic. Bedding is uniform at 45° to C.A.	87.20 - 87.60: (IF) Oxide Iron Formation		87.20 - 87.60: (CHL) Chloritization, (S) Strong, (P) Pervasive	87.20 - 87.60: 2% (PY) Pyrite, (FV) Fracture/Veined Controlled 2% f.g. pyrrhotite in sub-mm laminae and 2% pyrite remobilized into fractures and around a 2 cm thick quartz vein.
87.60 TO 93.90	(5) Sedimentary Rocks Very dark green chlorite-magnetite iron formation speckled with 5% pink garnet. Strongly magnetic. Bedding is uniform at 45° to C.A.	87.60 - 93.90: (IF) Oxide Iron Formation		87.60 - 93.90: (CHL) Chloritization, (S) Strong, (P) Pervasive	87.60 - 93.90: 2% (PY) Pyrite, (FV) Fracture/Veined Controlled 87.60 - 93.90: 2% (PO) Pyrrhotite, (FV) Fracture/Veined Controlled
88.90-89.70	Mafic dyke. Fine grained.				
90.50-91.60	Mafic dyke. Fine grained.				
93.90 TO 100.80	(2) Mafic Volcanic Rocks Dark green basalt flow. Very fine-grained. 10cm interval near bottom is amygdaloidal.	93.90 - 100.80: (M) Massive 93.90 - 100.80: (A) Fine Grained			
100.80 TO 101.40	(5) Sedimentary Rocks Grey, bedded felsic tuffaceous sediment. Lower contact is sharp. Grades into unit below. Fine grained. Bedding is uniform at 50° to C.A.	100.80 - 101.40: (TW) Tuffwacke			
101.40 TO 101.70	(5) Sedimentary Rocks Dark green chlorite iron formation speckled with 5% pink garnet. Moderately magnetic. Bedding is uniform at 50° to C.A.	101.40 - 101.70: (IF) Oxide Iron Formation		101.40 - 101.70: (CHL) Chloritization, (S) Strong, (P) Pervasive	
101.70 TO 104.60	(2) Mafic Volcanic Rocks Dark green basalt flow. Fine grained.	101.70 - 104.60: (M) Massive 101.70 - 104.60: (A) Fine Grained		104.40 - 104.60: (BL) Bleached/Bleaching, (M) Moderate, (P) Pervasive 5% garnet	



**DETAILED LOG
FALCONBRIDGE LTD.**

Hole Number: **ADR02-01**

Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
104.60 TO 110.70	(5) Sedimentary Rocks Starts as dark green, chloritic, non magnetic sediment with 10% garnet. Garnet increases down interval, and magnetite appears at 109.2. Chlorite diminishes down interval. Up to 80% garnet in dm-scale bands. Few cm-scale intervals of felsic tuffaceous material. Bedding is uniform at 45° to C.A.	104.60 - 110.70: (IF) Oxide Iron Formation			
110.70 TO 115.20	(5) Sedimentary Rocks Medium grey-brown, cherty, banded iron formation. Chlorite is nearly absent and magnetite laminae occur. Abundant carbonate (calcite + ankerite (?). Up to 10% garnet. Entire unit is very strongly magnetic. Bedding is uniform at 45° to C.A.	110.70 - 115.20: (IF) Oxide Iron Formation			110.70 - 115.20: 1% (PO) Pyrrhotite, (B) Bedded 110.70 - 115.20: 1% (PY) Pyrite, (B) Bedded
115.20 TO 115.60	(5) Sedimentary Rocks Banded quartz-carbonate, chlorite-garnet and pyrrhotite. Bedding is uniform at 50° to C.A.	115.20 - 115.60: (IF) Oxide Iron Formation 115.20 - 115.60: (S) Sulphides, Exhalites			115.20 - 115.60: 5% (PY) Pyrite, (B) Bedded 115.20 - 115.60: 30% (PO) Pyrrhotite, (B) Bedded
115.60 TO 129.40	(2) Mafic Volcanic Rocks Green basalt. Fine grained and massive.	115.60 - 129.40: (A) Fine Grained 115.60 - 129.40: (M) Massive			
129.40 TO 136.90	(3) Intermediate Volcanic Rocks Dark green-grey tuff (thyodacite?) with rare feldspar phenocrysts. Locally glassy appearance. Bedding is poorly developed. Very fine grained to glassy. Almost welded appearance.	129.40 - 136.90: (TUF) Tuff		129.40 - 136.90: (CHL) Chloritization, (W) Weak, (FV) Fracture/Veined controlled mm-scale bleached haloes around sub-mm, chlorite-filled fractures.	
134.80-135.80	Massive porphyry dyke with 30% feldspar phenocrysts.				
136.90 TO 144.00	(5) Sedimentary Rocks Green-grey, tuffaceous sediment. Beds are from cm-scale to finely bedded on mm-scale. Bottom 20 cm is strongly magnetic - almost iron formation. Uniform fine grained. Bedding is variable from 45° to 30° to C.A.	136.90 - 144.00: (TW) Tuffwacke			136.90 - 144.00: 1% (PY) Pyrite, (FV) Fracture/Veined Controlled



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FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
144.00 TO 145.70	(9) Felsic Intrusive Rocks Very dark green-grey, strongly altered intrusive (?). Sharp contacts. 5% quartz phenocrysts. Rock has been completely altered. Strong foliation from 45° to 60° to C.A.	144.00 - 145.70: (QP) Quartz Phytic/Porphyr		144.00 - 145.70: (CHL) Chloritization, (S) Strong, (P) Pervasive	
145.70 TO 153.90	(4) Felsic Volcanic Rocks Grey, vitreous felsic crystal (feldspar only, no quartz) tuff with up to 30% phenocrysts. Quite massive over dm-scale intervals and resembles an intrusive, but several interbeds of chloritic tuff (as in 144.0-145.7) suggest it is volcanic. Massive to poorly bedded.	145.70 - 153.90: (YY) Crystal Tuff (>50% of frags)		145.70 - 153.90: (RS) Rust Staining, (W) Weak, (S) Spots/Mealy	
153.90 TO 157.00	(5) Sedimentary Rocks Banded, grey to tan iron formation with cm-scale beds of massive magnetite. Grades downwards into less magnetite, more carbonate. Very fine grained.	153.90 - 157.00: (IF) Oxide Iron Formation			
157.00 TO 163.70	(5) Sedimentary Rocks Dark green, chloritic iron formation with 10-50% garnet. Garnet becomes near massive in some dm-scale intervals. Bedding is uniform at 45° to C.A.	157.00 - 163.70: (IF) Oxide Iron Formation			157.00 - 163.70: 0.01% (PY) Pyrite, (FV) Fracture/Veined Controlled
	157.60-160.00 Green basalt dyke. Massive. Fine grained.				
	161.80-162.20 Felsic, feldspar crystal (10%) tuff.				
163.70 TO 164.10	(4) Felsic Volcanic Rocks Felsic, feldspar crystal (15%) tuff.	163.70 - 164.10: (YY) Crystal Tuff (>50% of frags)			
164.10 TO 173.20	(7) Mafic Intrusive Rocks Green basalt sill(?) Generally fine grained at top & bottom but approaches medium grained and has 5% olivine (?) phenocrysts around 171.5 (tops up ?).	164.10 - 173.20: (A) Fine Grained 164.10 - 173.20: (M) Massive			



**DETAILED LOG
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Units: METRIC

FROM TO	ROCK TYPE	TEXTURE	STRUCTURE	ALTERATION	MINERALIZATION
173.20 TO 193.70	(4) Felsic Volcanic Rocks Medium grey, vitreous felsic tuff and crystal (feldspar) tuff. Top & bottom few metres are aphyric and well bedded. Middle averages 25% feldspar phenocrysts and a few lapilli, and is more massive. Minor chloritic tuff intervals.	173.20 - 193.70: (YY) Crystal Tuff (>50% of frags)		173.20 - 193.70: (SE) Sericitization, (W) Weak, (FV) Fracture/Veined controlled	
193.70 TO 201.00	(3) Intermediate Volcanic Rocks Dark grey (almost purplish) aphyric andesite flows. Minor interflow tuff. Massive & fine grained.	193.70 - 201.00: (A) Fine Grained 193.70 - 201.00: (M) Massive			
201.00 TO 201.01	(EOH) End of Hole				

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Hole Number: **ADR02-01**

Units: METRIC

Assay Information - Kidd Mine

Sample Number	Type	From	To	Length	S.G.	Ag gpt	Cu %	Zn %	Pb %	S %	Fe %	In ppm	Se gpt	Sn %	Ni %	Au ppb	Mineralization	Alteration	Rock	Comments
AV04551	ASSAY	75.00	78.18	3.18												10				
AV04552	ASSAY	87.20	87.60	0.40												2				
AV04553	ASSAY	91.60	92.00	0.40												1				
AV04554	ASSAY	93.40	93.90	0.50												1				
AV04555	ASSAY	110.70	111.10	0.40												1				
AV04556	ASSAY	115.20	115.60	0.40												3				

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**DETAILED LOG
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Hole Number: **ADR02-01**

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 %				
AV04551	ASSAY	75.00	78.18	3.18									0.00	0.00	0.00					
AV04552	ASSAY	87.20	87.60	0.40									0.00	0.00	0.00					
AV04553	ASSAY	91.60	92.00	0.40									0.00	0.00	0.00					
AV04554	ASSAY	93.40	93.90	0.50									0.00	0.00	0.00					
AV04555	ASSAY	110.70	111.10	0.40									0.00	0.00	0.00					
AV04556	ASSAY	115.20	115.60	0.40									0.00	0.00	0.00					



**DETAILED LOG
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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
AV04501	25.70	25.80	0.10		51.20	2.04	13.53	16.00	0.27	4.97	7.36	2.85	0.32	0.39		0.91	99.96	135	42	277	79	54			
AV04502	73.30	73.40	0.10		58.56	0.94	15.58	8.81	0.15	3.13	5.80	4.76	0.54	0.18		0.83	99.35	135	22	149	90	48			
AV04503	102.00	102.10	0.10		58.10	1.15	15.45	9.42	0.18	3.77	4.43	4.49	0.80	0.21		1.42	99.51	119	25	161	59	61			
AV04504	147.60	147.70	0.10		67.31	0.17	15.89	1.38	0.03	0.54	3.41	7.58	0.63	0.07		1.95	98.98	141	3	65	36	17			
AV04505	174.80	174.90	0.10		66.63	0.12	16.00	1.22	0.03	1.01	3.67	4.93	3.16	0.45		2.46	99.73	157	23	62	68	69			
AV04506	191.10	191.20	0.10		67.10	0.13	17.27	1.35	0.03	0.72	2.48	2.43	4.34	0.07		2.89	98.85	107	3	58	41	51			
AV04507	200.90	201.00	0.10		70.03	0.32	13.44	3.90	0.06	0.91	1.37	5.66	2.73	0.43		0.74	99.67	187	71	384	37	97			

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Hole Number: **ADR02-01**

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	U ppm	Rb ppm	Sr ppm	Cs ppm	Sc ppm	Hf ppm	Pt ppb	Pd ppb	Re ppb	Rh ppb	Ru ppb
AV04501	25.70	25.80	0.10				239		3										36						
AV04502	73.30	73.40	0.10				175		3										20						
AV04503	102.00	102.10	0.10				205		3										21						
AV04504	147.60	147.70	0.10				28		3										3						
AV04505	174.80	174.90	0.10				53		3										15						
AV04506	191.10	191.20	0.10				18		3										3						
AV04507	200.90	201.00	0.10				28		3										22						



**DETAILED LOG
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Hole Number: **ADR02-01**

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
AV04501	25.70	25.80	0.10			6.63	6.60	128.49	34.13	0.56	0.04	0.54	19	0.42	7.24	59.40	1.33				
AV04502	73.30	73.40	0.10			16.57	6.77	140.36	25.79	0.67	0.09	0.37	10	0.45	9.90	65.22	0.94				
AV04503	102.00	102.10	0.10			13.43	6.44	158.95	33.88	0.79	0.15	0.29	14	0.48	7.16	49.17	1.22				
AV04504	147.60	147.70	0.10			93.47	26.00	136.75	9.62	0.76	0.16	0.21	2	0.48	22.22	67.92	0.21				
AV04505	174.80	174.90	0.10			133.33	2.70	136.05	32.65	0.73	0.46	0.23	14	0.66	2.48	49.64	1.00				
AV04506	191.10	191.20	0.10			132.85	23.20	186.70	50.75	1.02	0.64	0.14	21	0.55	13.89	44.57	0.25				
AV04507	200.90	201.00	0.10			42.00	5.41	137.70	34.11	0.84	0.67	0.10	17	0.35	2.75	27.61	1.00				

Appendix B

Geochemical Certificates



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

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Geochemical Analysis Certificate

5W-1226-RG1

Company: **FALCONBRIDGE (EXPL) LTD**
Project: 202
Attn: D. Rogers

Date: MAY-31-05

We hereby certify the following Geochemical Analysis of 77 Core samples submitted MAY-26-05 by .

Sample Number	Au_PPB	Cu_gpt	Zn_gpt	Pb_gpt	Ag_PPM	Ni_gpt	Co_gpt
AV04551	10	201	24	1	0.8	16	4
AV04552	2	330	60	1	0.5	19	29
AV04553	<2	69	24	1	0.2	7	1
AV04554	<2	77	42	1	0.1	24	8
AV04555	<2	88	18	1	0.3	15	11
AV04556	3	131	64	1	0.2	41	19
AV04557	3	42	56	1	0.1	107	25
AV04558	<2	39	31	1	0.2	29	9
AV04559	14	11	25	1	0.2	18	1
AV04560	319	81	17	1	0.2	30	11
AV04561	7	63	69	1	0.1	83	24
AV04562	<2	54	29	1	0.2	27	3
AV04563	55	3610	381	48	6.4	24	4
AV04564	10	77	180	1	0.8	86	44
AV04565	3	30	40	1	0.4	20	10
AV04566	<2	4	10	1	0.1	8	4
AV04567	7	320	125	1	0.3	89	57
AV04568	21	706	214	1	0.4	165	75
AV04569	10	16	18	1	0.1	10	6
AV05201	5417	1450	5050	223	6.9	70	48
AV04570	7	4	201	1	0.2	164	51
AV04571	3	72	131	1	0.2	115	52
AV04572	2	32	30	1	0.1	24	11
AV04573	<2	155	44	1	0.2	75	36
AV04574	3	122	162	1	0.1	100	66
AV04575	<2	39	221	1	0.1	56	26
AV04576	<2	177	92	17	2.0	103	249
AV04577	<2	27	134	1	0.2	12	3
AV04578	3	30	100	1	0.1	15	6
AV04579	<2	23	113	1	0.3	11	2

Certified by *Dennis Chantre*

Assayers Canada

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

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

Report No : 5W1408 RL

Date : Jul-04-05

FALCONBRIDGE (Expl) LTD

Attention: D. Rogers

Project: 202

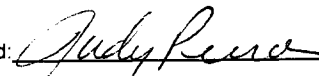
Sample: Core

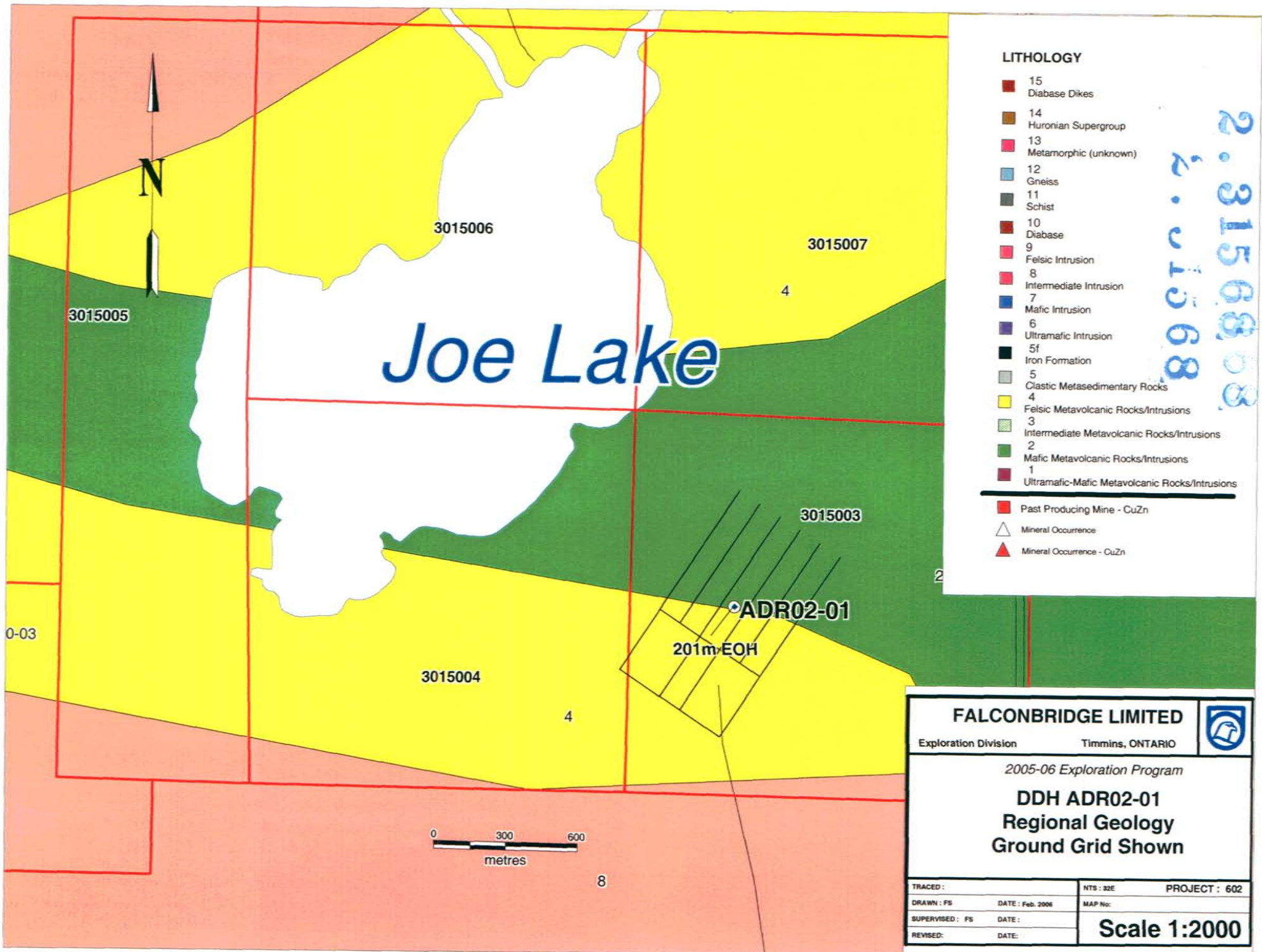
ICP Whole Rock Assay

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 %
4501	51.20	13.53	16.00	7.36	4.97	2.85	0.32	2.04	0.27	0.39	135	277	42	79	54	36	48	20	239	36	<5	0.91	99.96
4502	58.56	15.58	8.81	5.80	3.13	4.76	0.54	0.94	0.15	0.18	135	149	22	90	48	31	29	11	175	20	<5	0.83	99.35
4503	58.10	15.45	9.42	4.43	3.77	4.49	0.80	1.15	0.18	0.21	119	161	25	59	61	27	33	14	205	21	<5	1.42	99.51
4504	67.31	15.89	1.38	3.41	0.54	7.58	0.63	0.17	0.03	0.07	141	65	<5	36	17	12	<5	<10	28	<5	<5	1.95	98.98
4505	66.63	16.00	1.22	3.67	1.01	4.93	3.16	0.12	0.03	0.45	157	62	23	68	69	<5	<5	<10	53	15	<5	2.46	99.73
4506	67.10	17.27	1.35	2.48	0.72	2.43	4.34	0.13	0.03	0.07	107	58	<5	41	51	10	<5	<10	18	<5	<5	2.89	98.85
4507	70.03	13.44	3.90	1.37	0.91	5.66	2.73	0.32	0.06	0.43	187	384	71	37	97	<5	<5	<10	28	22	<5	0.74	99.67
4508	50.62	16.17	10.35	7.99	7.20	4.01	0.23	0.86	0.17	0.13	239	98	19	98	54	107	40	13	193	28	<5	1.92	99.74
4509	58.05	15.56	10.97	3.06	2.79	5.56	0.34	1.30	0.12	0.33	118	276	52	71	85	18	33	<10	117	20	<5	1.08	99.23
4510	52.01	16.90	7.47	8.02	4.26	2.10	0.90	0.80	0.11	0.17	224	112	17	58	63	61	28	13	158	21	<5	6.62	99.44
4511	45.21	14.59	10.56	13.72	3.74	0.77	0.39	0.85	0.16	0.15	325	85	17	74	64	160	42	14	199	23	<5	9.31	99.54
4512	43.02	16.26	11.05	15.26	3.90	1.01	0.83	1.00	0.12	0.18	315	98	18	19	69	151	42	21	194	25	<5	6.60	99.31
4513	46.20	15.06	8.88	13.62	3.52	0.53	0.77	0.85	0.13	0.13	365	86	13	73	52	125	43	20	177	23	<5	9.30	99.09
4514	52.79	17.29	6.02	10.31	2.42	2.51	0.51	0.77	0.12	0.16	273	101	17	71	41	121	33	18	164	21	<5	5.85	98.82
4515	54.12	14.79	8.73	8.66	4.42	2.55	1.00	0.93	0.19	0.30	229	144	26	67	81	77	30	14	140	20	<5	3.29	99.06
4516	52.82	15.51	11.56	6.16	6.28	2.45	0.64	1.10	0.20	0.28	235	148	28	74	102	77	40	18	169	24	<5	2.28	99.38
4517	47.63	17.20	12.60	6.91	6.61	3.04	0.31	1.36	0.16	0.33	255	181	38	69	119	121	52	23	192	28	<5	2.72	98.98
4518	55.50	15.93	7.93	5.99	5.44	3.22	1.61	0.66	0.12	0.13	179	129	20	34	73	79	27	11	131	17	<5	2.07	98.67
4519	54.61	14.23	12.64	6.38	4.87	1.91	1.54	0.62	0.20	0.09	207	106	16	115	75	108	30	<10	136	17	<5	1.70	98.89
4520	56.97	15.78	7.88	5.65	5.61	3.41	0.58	0.67	0.11	0.13	210	134	18	53	72	106	30	13	142	19	<5	2.21	99.07
4521	60.90	16.14	4.94	5.59	2.27	3.61	1.94	0.64	0.11	0.09	193	146	15	63	55	52	17	16	113	15	<5	2.04	98.36
4522	49.98	22.03	8.76	4.55	3.13	4.28	3.45	1.00	0.11	0.18	82	220	18	75	110	50	31	<10	127	17	<5	1.34	98.89
4523	64.64	15.10	6.00	4.57	1.92	3.26	1.35	0.53	0.13	0.13	130	150	17	45	59	39	15	<10	85	11	<5	1.05	98.74
4524	56.81	11.37	16.04	8.23	2.68	0.47	0.40	0.41	0.66	0.11	140	122	22	18	69	25	14	<10	69	9	<5	1.69	98.91
4525	64.69	12.48	8.25	7.06	1.90	1.04	1.13	0.38	0.32	0.13	574	157	24	115	57	3367	12	<10	59	8	<5	1.32	99.14
4526	62.90	13.48	10.19	6.93	2.20	1.39	0.38	0.39	0.39	0.12	138	165	20	104	60	43	5	<10	71	11	<5	0.92	99.34
4527	68.65	15.28	3.58	2.05	1.62	4.21	1.44	0.44	0.04	0.14	154	167	19	94	47	335	7	<10	55	6	<5	1.17	98.69
4528	67.88	14.41	4.64	1.76	2.22	3.42	2.33	0.42	0.07	0.15	177	172	21	97	58	63	<5	<10	104	7	<5	1.29	98.67
4529	56.25	18.00	5.95	6.70	2.36	4.17	1.19	1.79	0.15	0.45	241	195	32	129	128	141	63	<10	290	25	10	2.34	99.47
4530	60.74	14.88	4.33	7.51	1.54	3.94	0.82	1.51	0.13	0.42	872	163	30	111	85	6094	55	<10	246	21	9	2.88	99.47

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

Signed: 



LITHOLOGY

- 15 Diabase Dikes
 - 14 Huronian Supergroup
 - 13 Metamorphic (unknown)
 - 12 Gneiss
 - 11 Schist
 - 10 Diabase
 - 9 Felsic Intrusion
 - 8 Intermediate Intrusion
 - 7 Mafic Intrusion
 - 6 Ultramafic Intrusion
 - 5f Iron Formation
 - 5 Clastic Metasedimentary Rocks
 - 4 Felsic Metavolcanic Rocks/Intrusions
 - 3 Intermediate Metavolcanic Rocks/Intrusions
 - 2 Mafic Metavolcanic Rocks/Intrusions
 - 1 Ultramafic-Mafic Metavolcanic Rocks/Intrusions
-
- Past Producing Mine - CuZn
 - △ Mineral Occurrence
 - ▲ Mineral Occurrence - CuZn

2.3156808
4.01568

FALCONBRIDGE LIMITED

Exploration Division Timmins, ONTARIO

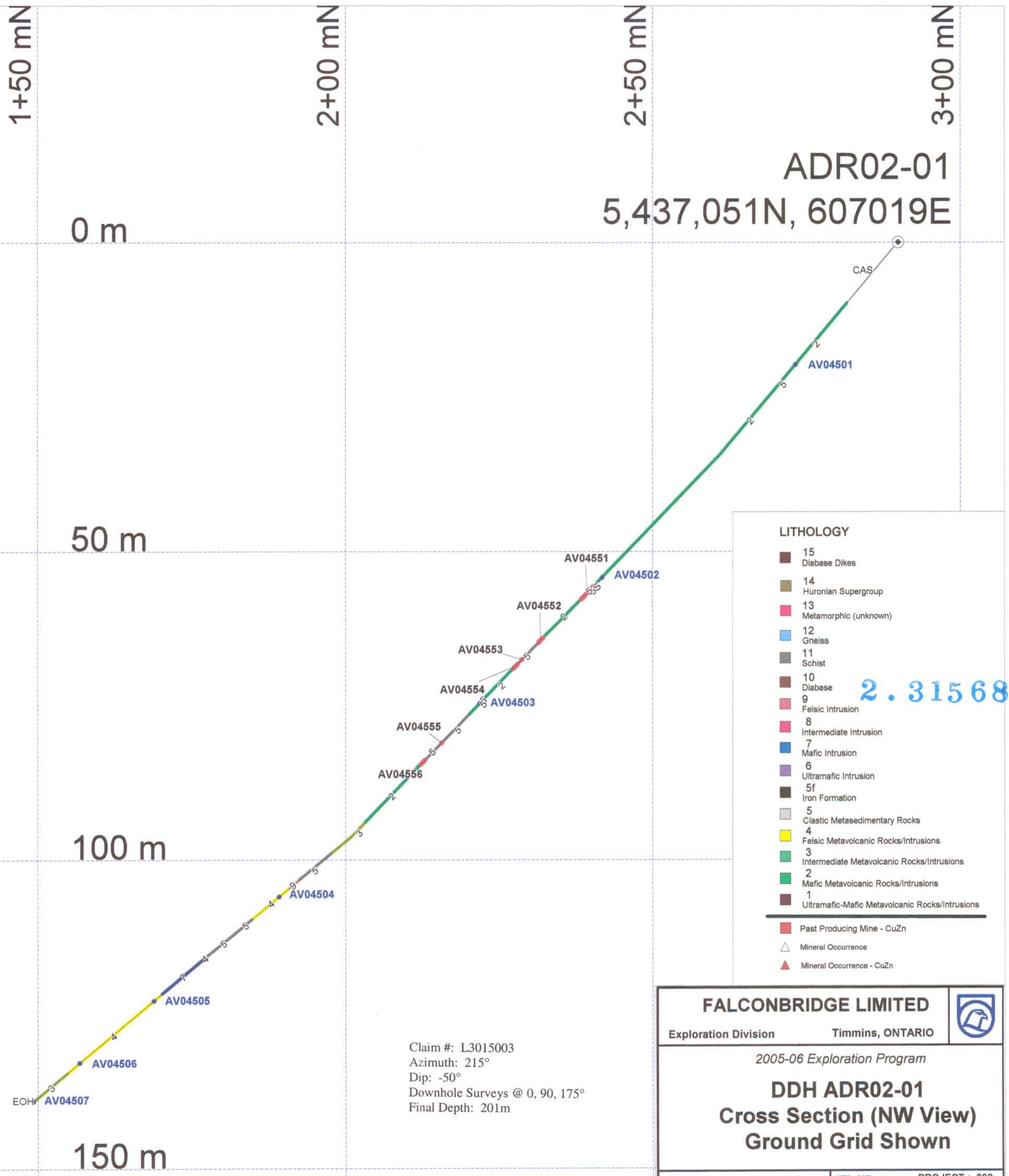


2005-06 Exploration Program

**DDH ADR02-01
Regional Geology
Ground Grid Shown**

TRACED:	DATE:	NTS: 32E	PROJECT: 602
DRAWN: FS	DATE: Feb. 2006	MAP No:	
SUPERVISED: FS	DATE:		
REVISED:	DATE:		

Scale 1:2000



ADR02-01
5,437,051N, 607019E

LITHOLOGY

- 15 Diabase Dikes
 - 14 Huronian Supergroup
 - 13 Metamorphic (unknown)
 - 12 Gneiss
 - 11 Schist
 - 10 Diabase
 - 9 Felsic Intrusion
 - 8 Intermediate Intrusion
 - 7 Mafic Intrusion
 - 6 Ultramafic Intrusion
 - 5f Iron Formation
 - 5 Clastic Metasedimentary Rocks
 - 4 Felsic Metavolcanic Rocks/Intrusions
 - 3 Intermediate Metavolcanic Rocks/Intrusions
 - 2 Mafic Metavolcanic Rocks/Intrusions
 - 1 Ultramafic-Mafic Metavolcanic Rocks/Intrusions
- Past Producing Mine - CuZn
△ Mineral Occurrence
▲ Mineral Occurrence - CuZn

2.31568

Claim #: L3015003
Azimuth: 215°
Dip: -50°
Downhole Surveys @ 0, 90, 175°
Final Depth: 201m

FALCONBRIDGE LIMITED		
Exploration Division Timmins, ONTARIO		
2005-06 Exploration Program		
DDH ADR02-01		
Cross Section (NW View)		
Ground Grid Shown		
TRACED :	NTS : 32E	PROJECT : 602
DRAWN : FS	DATE : Feb. 2006	MAP No:
SUPERVISED : FS	DATE :	Scale 1: 500
REVISED:	DATE:	