GM 62436

2005 WORK ASSESSMENT REPORT, FALSE RIVER PROJECT

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2005 WORK ASSESSMENT REPORT

False River Project

Kuujjuaq, Nunavik, Northern Québec

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EXECUTIVE SUMMARY

The False River property is located ~23 km east of the coastal Inuit community of Kuujuaq. Falconbridge Ltd. initiated in 2003 a regional exploration program in the Kuujjuaq area to investigate the potential of the area for hosting economic Ni-Cu-(PGE) mineralization. Interest in the area was in part sparked by Ni-Cu showings identified by Western Mining Company (WMC) in 2001 and 2002. A total of 8 isolated prospects were identified by WMC in mafic sill-like intrusions with traces of stringer and disseminated sulphides; the Papavoine prospect in particular had chip samples containing 1.2 % Ni and 0.5% Cu.

A block of 86 map designated claims were taken by Falconbridge in 2003 over an undrilled high conductance target identified in WMC's geoTEM survey. A ground geophysical survey conducted in 2004 confirmed the high conductance nature of the target. Falconbridge's 2005 drilling program successfully explained the source of the. The 2005 expenditures on this property total 378,697.89$. This assessment report summarizes the exploration work carried out during the 2005 field season.

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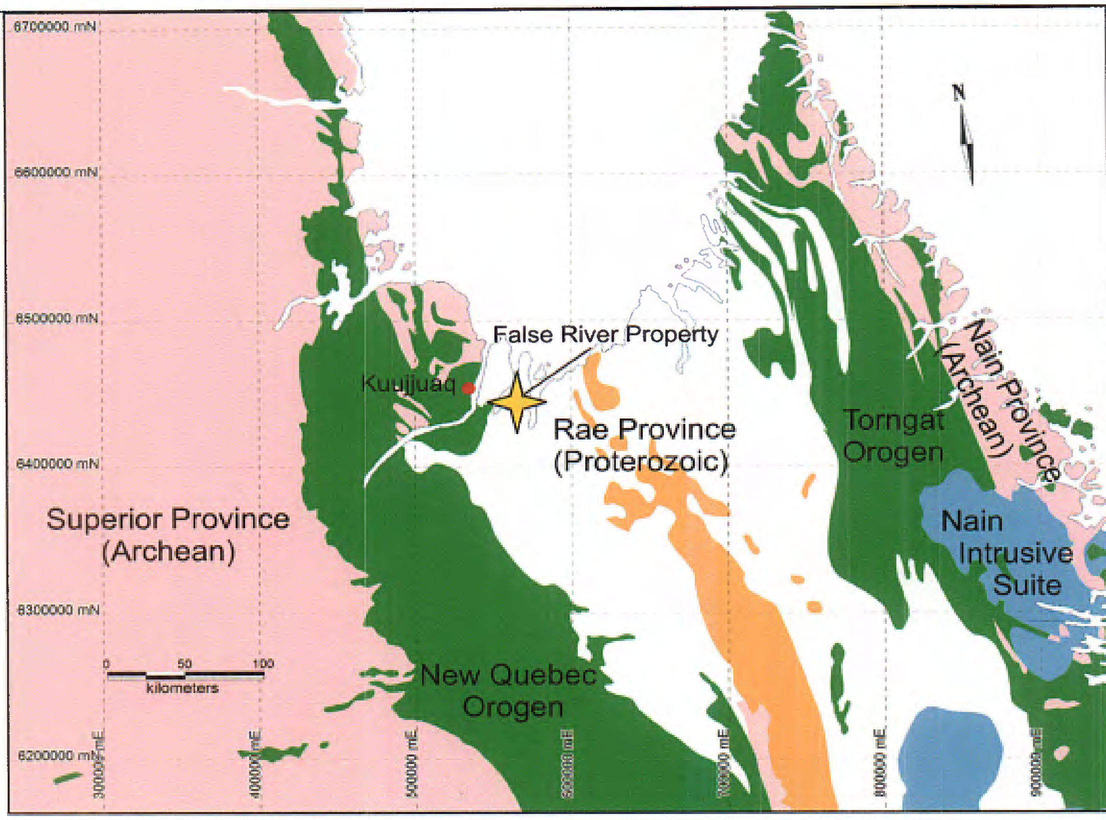


Figure 1: Location map of the False River Property in Nunavik, Northern Québec.

LOCATION, ACCESS AND INFRASTRUCTURE

The False River Property covers ~35 km^2 in the eastern Nunavik region of northern Quebec. It is located ~1,600 kilometres north of Montreal, and 23km from the coastal community of Kuujjuaq. The property overlaps with Category 2 Inuit-owned land. The CO-OP hotel and Kuujjuaq Inn in the community of Kuujjuaq provided the accommodations for all the members of the crew. Flights to the community are available daily by two separate air carriers. From Kuujjuaq it is a short flight to the property via helicopter.

TOPOGRAPHY, PHYSIOGRAPHY, AND VEGETATION

The False River area is near the tree line, meaning that vegetation is very patchy; dominated by small trees and shrubs. Topography is relatively gentle and outcrop is quite rare (<1%) in the area. The outlet of the False River into a marine estuary is located 5 km to the NW of the grid area.

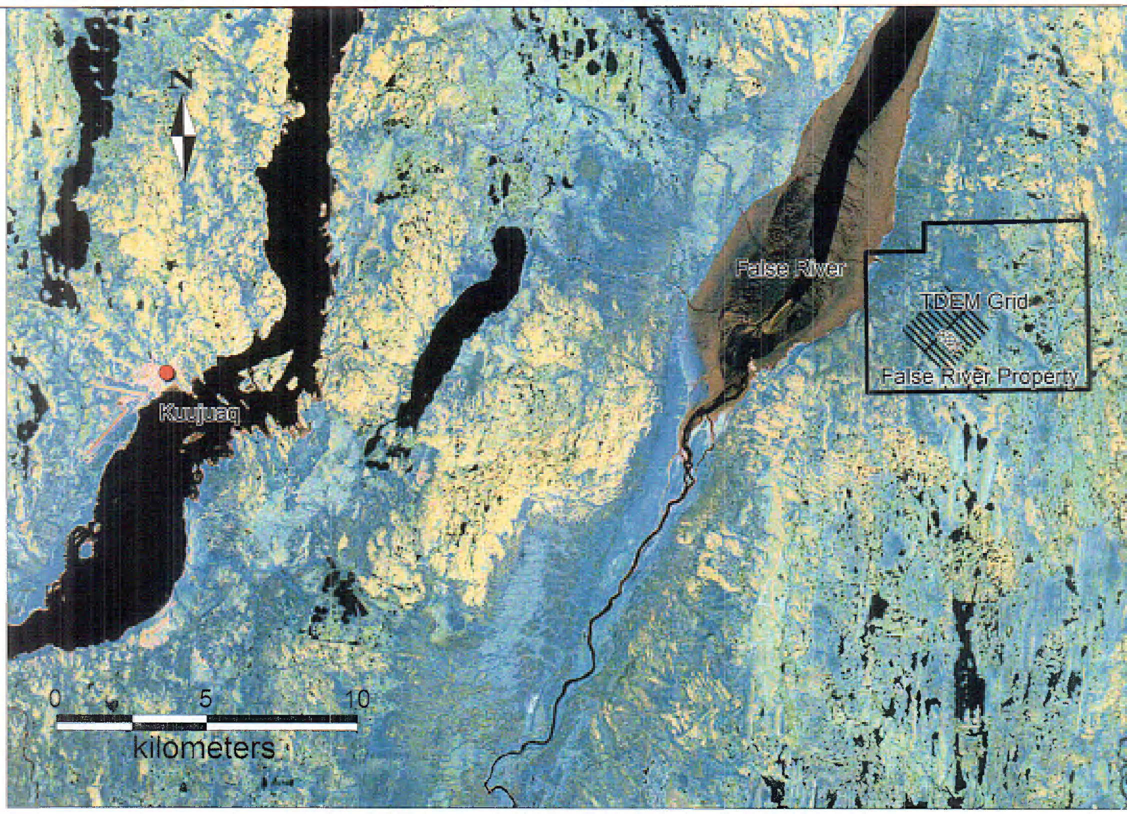


Figure 2: Location map of the False River Property on a false colour Landsat Image where yellow areas are typically richer in outcrop and blue represents more densely vegetated or swampy areas.

PROPERTY AND OWNERSHIP

The False River Property covers 86 map-designated claims covering 38.96 km^2, all of which are 100% Falconbridge-owned (Table 1, Figure 3). All of the claims were map staked April 8th 2003 and are located on map sheet 24J04.

Table 1. List of Claims

Claim #	Row, Column	Expiry Date	Remainder ($)		Claim #	Row, Column	Expiry Date	Remainder ($)
1121379	R13,C01	07/04/2007	0		1121422	R15,C14	07/04/2007	0
1121380	R13,C02	07/04/2007	0		1121423	R15,C15	07/04/2007	0
1121381	R13,C03	07/04/2007	0		1121424	R16,C01	07/04/2007	0
1121382	R13,C04	07/04/2007	0		1121425	R16,C02	07/04/2007	0
1121383	R13,C05	07/04/2007	3318.15		1121426	R16,C03	07/04/2007	0
1121384	R13,C06	07/04/2007	3858.15		1121427	R16,C04	07/04/2007	3858.15
1121385	R13,C07	07/04/2007	2778.15		1121428	R16,C05	07/04/2007	3183.15
1121386	R13,C08	07/04/2007	0		1121429	R16,C06	07/04/2007	2913.15
1121387	R13,C09	07/04/2007	0		1121430	R16,C07	07/04/2007	2508.15
1121388	R13,C10	07/04/2007	0		1121431	R16,C08	07/04/2007	0
1121389	R13,C11	07/04/2007	0		1121432	R16,C09	07/04/2007	0
1121390	R13,C12	07/04/2007	0		1121433	R16,C10	07/04/2007	0
1121391	R13,C13	07/04/2007	0		1121434	R16,C11	07/04/2007	0
1121392	R13,C14	07/04/2007	0		1121435	R16,C12	07/04/2007	0
1121393	R13,C15	07/04/2007	0		1121436	R16,C13	07/04/2007	0
1121394	R14,C01	07/04/2007	0		1121437	R16,C14	07/04/2007	0
1121395	R14,C02	07/04/2007	0		1121438	R16,C15	07/04/2007	0
1121396	R14,C03	07/04/2007	3588.15		1121439	R17,C01	07/04/2007	0
1121397	R14,C04	07/04/2007	3858.15		1121440	R17,C02	07/04/2007	0
1121398	R14,C05	07/04/2007	3858.15		1121441	R17,C03	07/04/2007	0
1121399	R14,C06	07/04/2007	3858.15		1121442	R17,C04	07/04/2007	0
1121400	R14,C07	07/04/2007	2913.15		1121443	R17,C05	07/04/2007	0
1121401	R14,C08	07/04/2007	3858.15		1121444	R17,C06	07/04/2007	0
1121402	R14,C09	07/04/2007	0		1121445	R17,C07	07/04/2007	0
1121403	R14,C10	07/04/2007	0		1121446	R17,C08	07/04/2007	0
1121404	R14,C11	07/04/2007	0		1121447	R17,C09	07/04/2007	0
1121405	R14,C12	07/04/2007	0		1121448	R17,C10	07/04/2007	0
1121406	R14,C13	07/04/2007	0		1121449	R17,C11	07/04/2007	0
1121407	R14,C14	07/04/2007	0		1121450	R17,C12	07/04/2007	0
1121408	R14,C15	07/04/2007	0		1121451	R17,C13	07/04/2007	0
1121409	R15,C01	07/04/2007	0		1121452	R17,C14	07/04/2007	0
1121410	R15,C02	07/04/2007	0		1121453	R17,C15	07/04/2007	0
1121411	R15,C03	07/04/2007	3183.14		1121454	R18,C05	07/04/2007	0
1121412	R15,C04	07/04/2007	3858.14		1121455	R18,C06	07/04/2007	0
1121413	R15,C05	07/04/2007	3858.14		1121456	R18,C07	07/04/2007	0
1121414	R15,C06	07/04/2007	3183.14		1121457	R18,C08	07/04/2007	0
1121415	R15,C07	07/04/2007	3318.14		1121458	R18,C09	07/04/2007	0
1121416	R15,C08	07/04/2007	3453.14		1121459	R18,C10	07/04/2007	0
1121417	R15,C09	07/04/2007	3048.15		1121460	R18,C11	07/04/2007	0
1121418	R15,C10	07/04/2007	0		1121461	R18,C12	07/04/2007	0
1121419	R15,C11	07/04/2007	0		1121462	R18,C13	07/04/2007	0
1121420	R15,C12	07/04/2007	0		1121463	R18,C14	07/04/2007	0
1121421	R15,C13	07/04/2007	0		1121464	R18,C15	07/04/2007	0

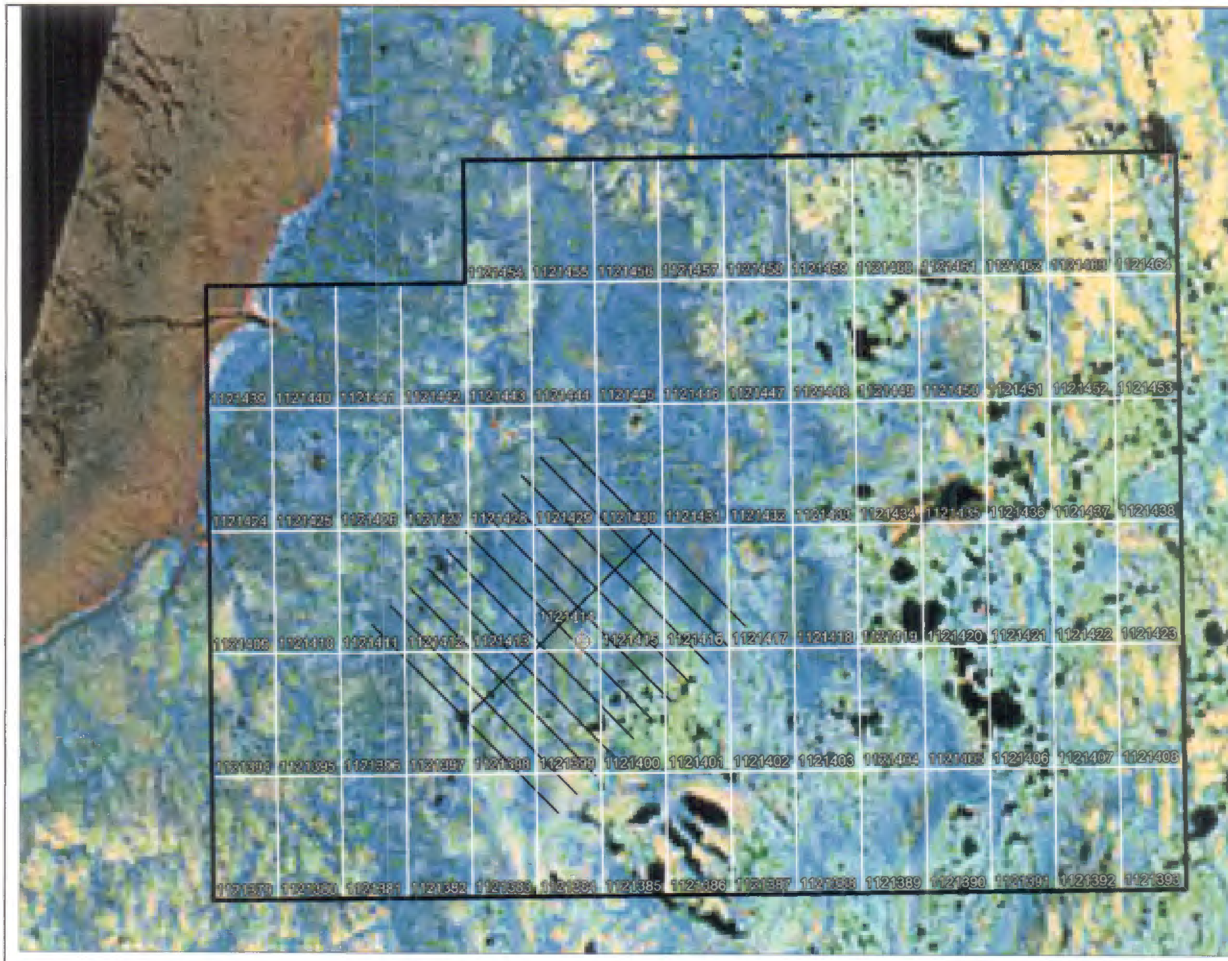


Figure 3: False colour Landsat Image showing the claims held by Falconbridge in the False River area. The position of the drill hole and TEM grid are also shown.

PREVIOUS WORK

WMC targeted the Rae Province in the early 2000 as having potential to host significant accumulations of Ni/Cu mineralization based on internal conceptual models.

2000: Summer grass-root program include: mapping and prospecting
SIAL airborne magnetic survey (400m line spacing; 62,620 line km)
HCM stream sediment sampling
Acquisition of 36 exploration permits (PEM) (13,050 km^2)
2001: FUGRO high resolution Mag survey (41,320 line km) with local areas flown with a GeoTEM airborne system.
Ground EM
Ground Gravity
Drilling
Acquisition of 3 claim blocks (470 km^2)
2002: Dropped 35 PEM (12,660 km^2)

A total of 8 isolated prospects were identified by WMC in mafic sill-like intrusions with traces of stringer and disseminated sulphides: Papavoine, Bonne Une, Maraliup, Libby's gossan area, Baleine, A14-1E, A14-1W and A17-1. These intrusions commonly contain traces of magmatic sulphides, which are usually found at the basal contact of the troctolite sometimes associated with hornfelsed footwall felsic and graphitic gneiss. Mineralization consists of pyrrhotite with minor amounts of pentlandite and chalcopyrite. WMC's main focus was the Papavoine prospect which had chip samples containing 1.2 % Ni and 0.5% Cu. This sill is a 400-500 m thick intrusive body with variable textures mapped over 10 km^2. WMC's drill program totalled 3040 meters over nine holes. Of these 7 were drilled on Papavoine (QPD1001-1005 and 1007-1008), 1 hole 5 km south of Papavoine (QPD01006), 1 hole on A14-1 (QPD01009). The highest nickel value was found in 0.75 cm intersection of remobilized sulphides mixed with graphite in a gneissic host rock with 1.23% Ni, 0.24% Cu and 1.30% Zn in hole QPD01002.

In 2003 Falconbridge picked up 86 map-designated claims in the False River area to follow up on some untested EM anomalies. A TDEM survey was conducted over the area of interest in early 2004.

GEOLOGICAL SETTING

The False River property lies within the eastern Churchill Province, also known as the Rae Province, which separates the Archean cratons of the Superior and Nain provinces in the eastern Canadian Shield (Figure 1). The Churchill Province of Canada represents a broad belt of Paleoproterozoic and reworked Archean orogenic crust extending from western Canada, through the Arctic islands into the Nagssugtoqidian mobile belt of Greenland. The Rae Province is considered to be sutured against the adjoining Superior and Nain provinces by the New Quebec orogen to the west and the Torngat orogen to the east. Both orogens contain continental margin sequences that record the transition from initial rift to foredeep environments (Perreault and Hynes 1990). Deformation was predominantly of transpressional character and was controlled by oblique convergence of the Superior and Nain cratons on the Rae Province. The Rae Province is in fault contact with the Labrador Trough. The western Lac Tudor Fault is a major transcurrent 20 km wide dextral shear zone interpreted as a suture because it divides two tectonic domains. This fault is easily identifiable on the regional aeromagnetic maps. It is composed of granitoid gneisses of tonalitic to granodioritic composition with elongate bands of amphibolite-metagabbro and paragneisses. A part of the province has been recently mapped and dated; an Archean age has been established 2922-2688 Ma from a migmatite on the south shore of Ungava Bay (James and Dunning 2000). The area consists mostly of granitic gneisses with minor paragneisses and amphibolites. Occasional small ultramafic lenses and gabbro dykes were mapped by previous surveys. The DePas Batholith is in intrusive contact with the central gneiss zone. It was dated at 1811-1840 Ma. The batholith comprises orthopyroxene-bearing granite to granodiorite with abundant amphibolite enclaves and may have been emplaced along a suture zone (Martelin et al. 1998).

GEOPHYSICS

A line cutting and surface geophysics program was carried out over the False River property in early 2004 to evaluate a series of GeoTEM late channel B-field anomalies untested by WMC during their previous drilling campaigns. A 20 line-km surface grid was established with a baseline orientation of 045°N and a line spacing of 200m. The grid was also later GPS'ed to an accuracy of less than one meter and a total magnetic intensity (TMI) survey was carried out after grid completion. A large in-loop TEM survey using the Crone system at ultra-low frequencies (0.83 Hz) was later carried out at 100m stations along 200m spaced lines. The survey results seem to outline (using Maxwell EM plate modeling software) a moderately dipping 10KS conductive plate associated with the S1 step response observed through the central portion of the survey grid. This conductor appears to occur at a depth of -350m (250m below SL) and has a strike length of 1.2 kms along an approximate 45^{o}N trend while dipping at 45^{o} towards the NW. Falconbridge's December 2003 Crone False River ultra-low frequency PEM survey and the 2001 GEOTEM survey carried out for WMC in 2001 was reviewed prior to proposing the drill hole. The overall geophysical interpretation is complicated somewhat by the complex magnetic structures in the area of the conductor, its apparent shallow dip, and limitations of Maxwell in modeling high-conductance GEOTEM anomalies. Maxwell modeling showed a lack of sensitivity to details in the dips. The role of the source rocks of the magnetic anomalies seen in the area is likely due to multiple complex mafic dikes and intrusions. Three holes were proposed, but only the first one was drilled.

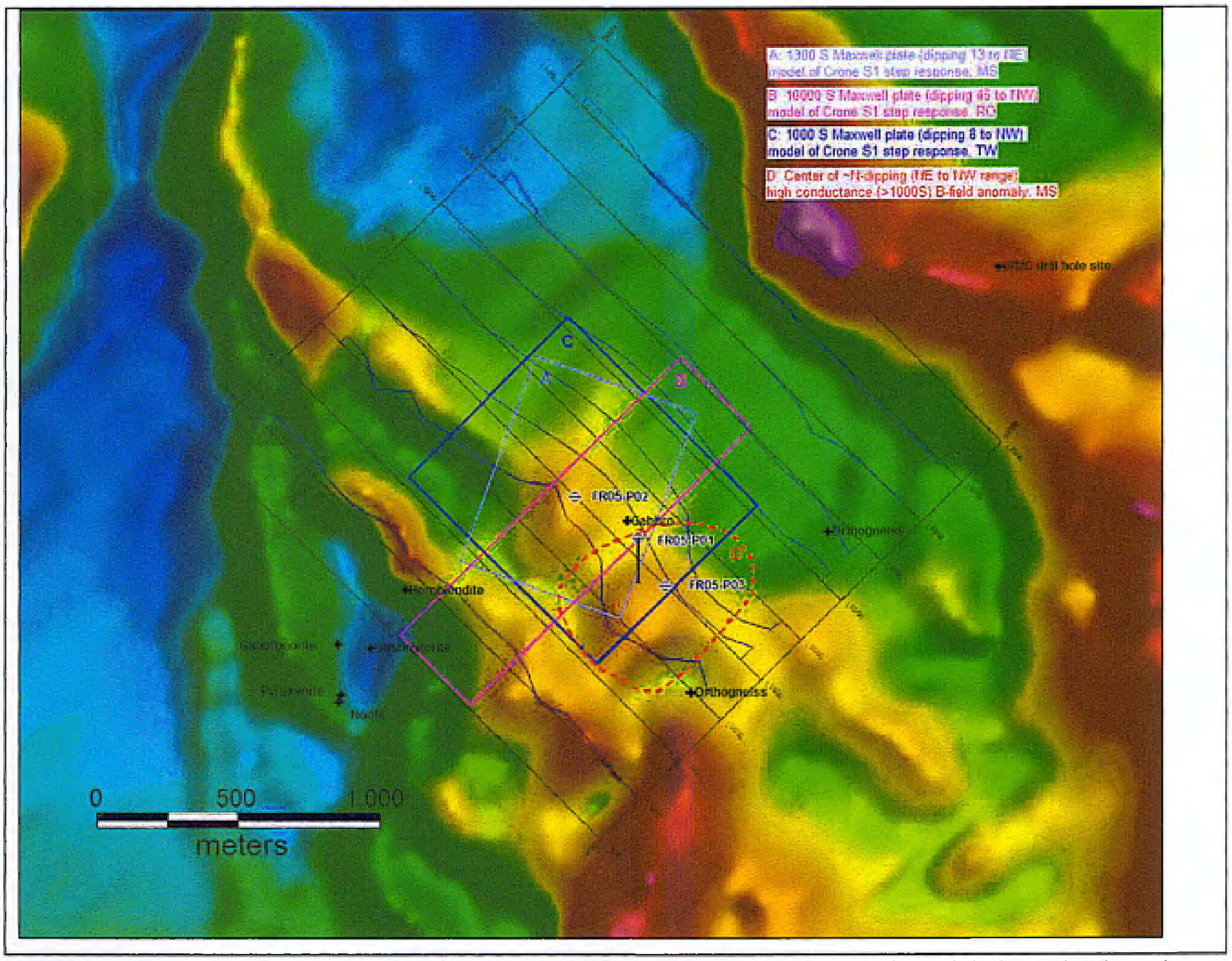


Figure 4. Expanded figure showing interpreted B-field anomaly outline and modeled conductive plates with a mag background. Drill hole FR05-01 intersected the northern margin of one of these mag highs.

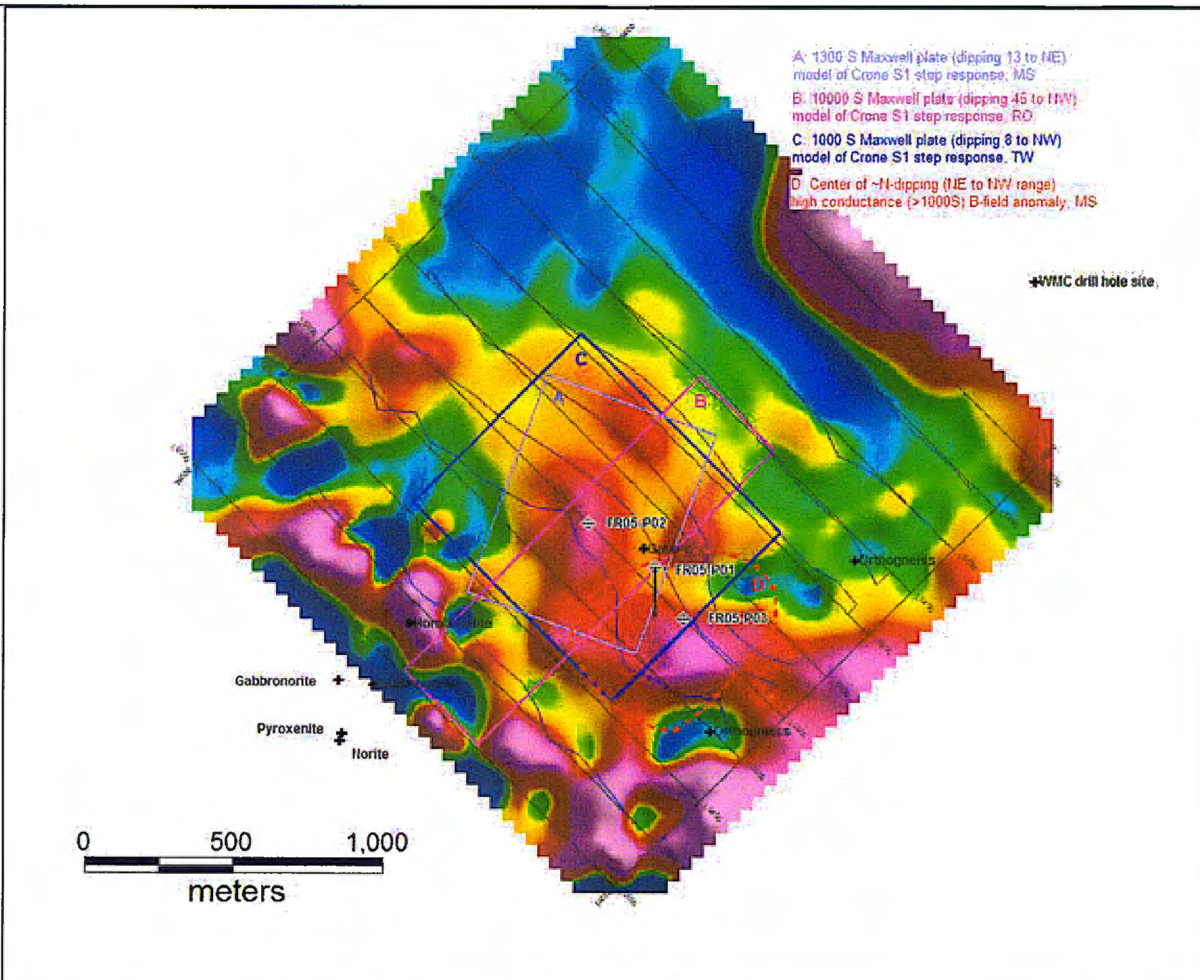


Figure 5: Same as previous figure, but showing ground magnetic survey. The ground mag is much noisier than the airborne readings.

2005 EXPLORATION PROGRAM AND EXPENDITURES

The 2005 exploration campaign comprised of drilling a single target on the False River Property that had coincident Magnetic and EM anomalies (FR05 –proposed hole 01 figures 4 and 5) . The program began on May 31st and ended on June 27th. The drilling was marred by mechanical problems that contributed to the length and cost of the program.

The Falconbridge Limited personnel involved during the summer program included Danielle Giovenazzo (senior geologist), Guy Desharnais, Jean-Francois Tremblay (contract geologists) and Tom Collett (camp manager/geological technician).

Diamond drilling services were provided by Hydra Tek Drilling and the helicopter contractor was

Nunavik Rotors (Astar 350). Canadian Helicopters (Bell Long Ranger) provided some helicopter support for 4 days when Nunavik Rotors were not available. A total of 73.9 hours of helicopter time were used for the summer campaign. Hotel accommodations were provided by the Coop Hotel in Kuujjuaq as well as the Kuujjuaq Inn.

The drilling started on June 8th and ended on June 24th. The original hole (FR-05-01) was lost due to a burnt bit at 171 meters on June 11th. The second hole (FR-05-02) was drilled 14 inches from the first one at the same dip and ended at 468m.

Table 2: Falconbridge Ltd. Statement of expenditures for 2005 – False River Project

Geology	Labor	Accommodations	Field supplies and data	Telecom and freight				**Total**
	19,490.84	1,029.11	387.82	2,097.48				**23,005.25**
Geophysics	Labor	Telecom and freight						**Total**
	1,881.20	37.92						**1,919.12**
Drilling	Labor	Accommodations	Helicopter fuel and air charter	Drilling costs	Contracts	Assays	Telecom and Freight	**Total**
	17,202.16	37,356.57	151,584.94	131,970.00	1,950.00	1,586.61	1,145.19	
	Field Supplies	Vehicle, Equipment lease						
	8,381.77	2,596.28						**353,773.52**
Grand Total:								**378,697.89**

2005 EXPLORATION PROGRAM RESULTS

The 2005 exploration program included drilling of a conductive target at depth. The magnetic response is explained by a coarse grained Leuco-Norite which contains significant amounts of magnetite. The conductive response was explained by pyrite-pyrrhotite-graphite bands that are common between 405 and 420 meters depth (see Summary Log below and drill section in Appendix 1). Disseminated sulphides (up to 1.5%) are present locally within the norite without significant accumulation at either contact with the paragneisses. None of the assays taken had any significant metal values (See Appendix 2).

Analytical methodology

The Whole Rock analyses were performed by ALS-Chemex Chimitec of Val d'Or, Québec. Major oxides (SiO_2, TiO_2, Al_2O_3, Fe_2O_3, MnO, MgO, CaO, Na_2O, P_2O_5, Cr_2O_3, K2O, LOI), and selected trace elements (Ba, Nb, Rb, Sr, Y, Zr, Ni, Cu, Co, V, Au, Pt, Pd, and S) were analyzed by lithium borate fusion – X-ray fluorescence (XRF) (major oxides), pressed-pellets – XRF (Ba, Nb, Rb, Sr, Y, and Zr), multi-acid digestion – atomic absorption spectrometry (AA) (Ni, Cu, Co, V), and fire assay – inductively coupled plasma-mass spectrometry (ICP-MS) (Au, Pt, Pd). The data quality is acceptable for all elements of interest (Appendix 3). Au values are quite erratic, this appears to be due to heterogeneities within the standard itself as shown by analyses from numerous other labs. Co concentrations are somewhat low compared to accepted values.

FR-05-02 Summary Log

Date started: July 30th 2005
Collar UTM: 561764.4E, 6442033N
Azimuth: 180°

Date completed: August 5th 2005
Logged by: Guy Desharnais, J-F Tremblay
Dip: -85°

0-16.5m **Casing**

16.5-53.32m **11a Psammitic paragneiss**

This white to dark grey unit is a highly heterogeneous quartz feldspar gneiss that appeared to have a psammitic progenitor. Individual gneissic bands are generally on the centimeter to decimeter scale. Some of the felsic layers tend to be more coarsely recrystallized (almost pegmatitic). Below 47.51 the gneiss is extremely recrystallized and is granitic in appearance. The melanocratic biotite-rich layers (15% of total rock) in places contain garnet and minor (<1%) Po mineralization. The lower contact with the gabbro is very sharp and angular implying that the11a gabbro intruded into the gneiss (see photo). Magnetic susceptibility: average 0.12 (0-0.42); Gneissosity: average 78 deg tca (55-90).

53.32-211.33m **7b Magnetite bearing-Leuco Norite**

This grayish green unit is a magnetite bearing leuconorite. Magnetite typically occurs as individual intergranular textured grains (1-15mm across) but is also observed as rims around orthopyroxene. Orthopyroxene grains have a pinkish hue, possibly caused by high Ti content. The magnetite grains appear to form a network as illustrated by the minor conductivity between individual grains separated by as much as 50cm. The magnetite also imparts a strongly magnetic signature to the rock. This rock has a very typical ophitic texture. Po is a common trace mineral which is typically found within magnetite grains; up to 2.5% over 40cm.

211.33-227.51m **7k Norite (30-60% plagioclase)**

This medium-grained greenish grey unit is a norite. The mineralogy changes fairly significantly over 3 meters (decrease in plagioclase). The disappearance of magnetite has a significant impact on the magnetic susceptibility of this rock (0.3-1, median of 0.34). The lower contact with the paragneiss is sharp and is marked by a fining of the grain size towards a chilled contact (over 3 meters). No sulphides.

227.51-405.0m **11A Psammitic paragneiss**

This light pink to medium grey unit is a partially melted psammitic paragneiss. There are a few fault gouges (sandy, muddy) that are relatively conductive. The rock is locally brecciated as well (lithified). Chlorite and K-Feldspar are relatively common. Sulphide occur locally, mainly PO in more mafic cm scale bands. The gneissosity is typically between 60 and 85. The section between 330 and 405m is more melanocratic and tends to have more bands of sulphide. The lower contact with the sulphidic-graphitic-psammitic paragneiss is gradational.

405.0-420.0m **11A Sulphidic-graphitic-psammitic paragneiss**

This light pink to medium grey unit is a partially melted psammitic paragneiss. The section is highly conductive with decimeter scale bands containing 30-35% Py, traces of Po and minor graphite. Massive crystalline bands (5-6cm wide) of graphite are also present. The lower contact with the Psammitic paragneiss is gradational.

420.0-468.0m **11A Psammitic paragneiss**

This light pink to medium grey unit is a partially melted psammitic paragneiss. Chlorite and K-Feldspar are relatively common. Sulphide occur locally, mainly PO in more mafic cm scale bands. The gneissosity is typically between 63 and 80. EOH.

CONCLUSIONS

The drillhole explained the EM and magnetic anomaly that was observed from the GEOTEM and TDEM surveys yet no significant mineralization was observed. The conductivity was explained by a sulphidic and graphitic rich interval within the psammitic paragneiss. There are no indications from the drill core or geochemical analyses that the intrusion intersected in the drill hole is fertile for the formation of Ni-Cu-PGE mineralization.

No further work is proposed on this project.

Danielle Giovenazzo Ph.D. OGQ géo #387

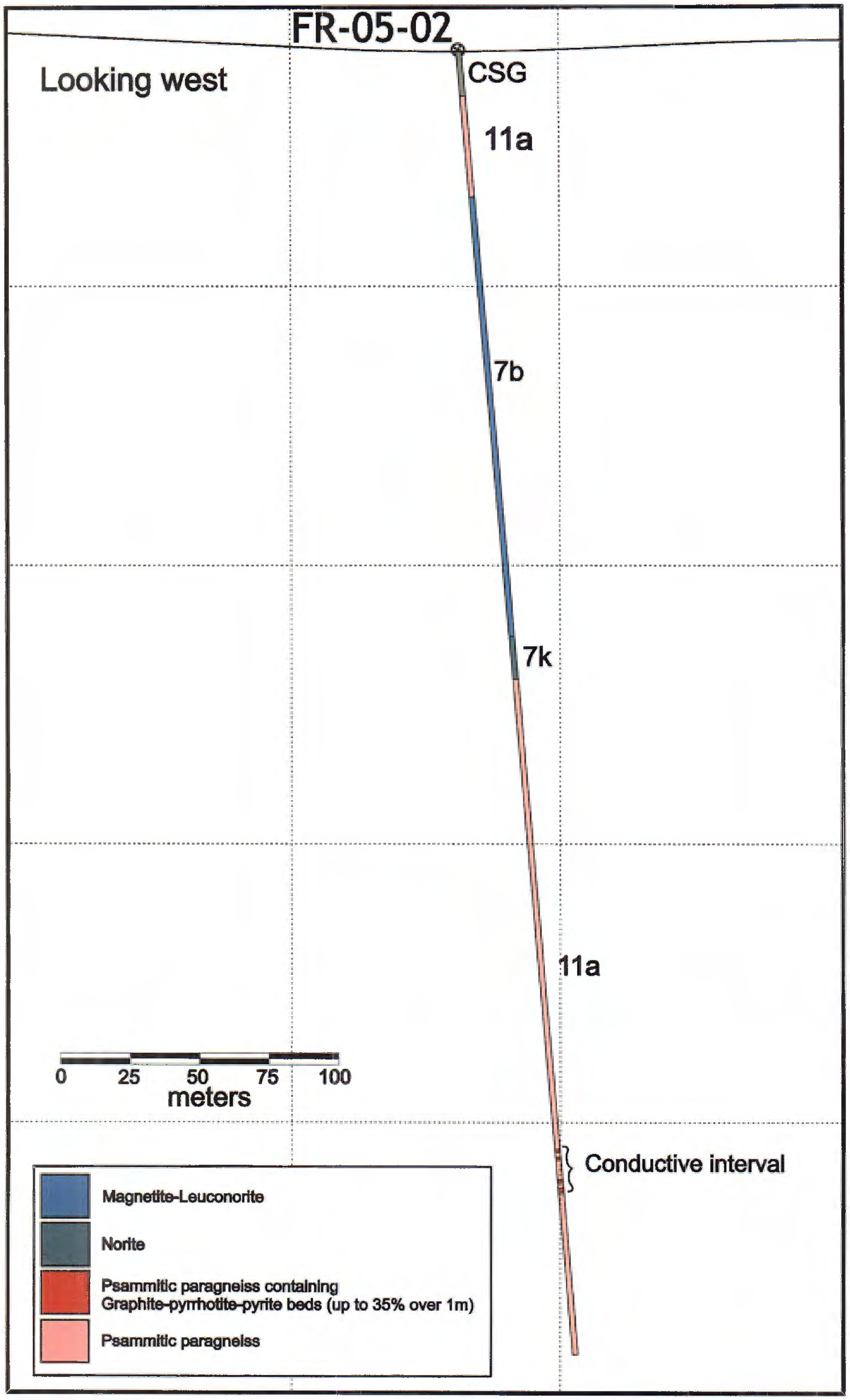
References

James, D.T. and Dunning, G.D., 2000. U-Pb geochronological constraints for Paleoproterozoic evolution of the core zone, southeastern Churchill Province, northeastern Laurentia. Precambrian Research, 103: 31-54.

Martelin, J., Chenevoy, M., and Belanger, M. 1998. Le batholite de De Pas, Nouveau-Québec: infrastructure composite d'arc magmatique Proterozoic. Canadian Journal of Earth Sciences, 35 : 1-15.

Perreault, ,S., and Hynes, A. 1990. Tectonic evolution of the Kuujjuaq terrane, New Quebec Orogen. Geoscience Canada, 17:238-241.

Appendix 1. Drill section for Drill hole FR-05-02.



Appendix 2. Geochemical certificates of analyses.

Sample #	Hole#	From (m)	To (m)	Sample length (m)	Rock Type	Sulphides	Analyses Type
124519	FR05-02	19.33	19.61	0.28	Psammitic Gneiss	3% bedded Po	Assay
124520	FR05-02	45.59	45.92	0.33	Granitic sweat from gneiss	5% patchy semimassive	Assay
124521	FR05-02	63.5	64.25	0.75	Leuconorite	0.5% disseminated Po	Assay
124522	FR05-02	70.65	72	1.35	Leuconorite	15% yellow-red oxides?	Assay
124523	***FR05-02'***	***Standard***			***EXS 2A***		***Assay***
124524	FR05-02	90	91.19	1.19	Leuconorite	0.5% disseminated Po	Assay
124525	FR05-02	91.19	92.33	1.14	Leuconorite	0.5% disseminated Po	Whole Rock
124526	FR05-02	106.84	108	1.16	Leuconorite	0.5% disseminated Po	Assay
124527	FR05-02	125	125	0	Leuconorite	1% disseminated Po	Assay
124528	FR05-02	125	125.8	0.79	Leuconorite	1% disseminated Po	Assay
124529	FR05-02	160.96	161.3	0.32	Leuconorite	2.5% disseminated Po	Assay
124530	***FR05-02***	***Standard***			***EXS 2A***		***Assay***
124531	FR05-02	183	184.5	1.5	Leuconorite	1% disseminated Po	Assay
124532	FR05-02	184.5	186	1.5	Leuconorite	1% disseminated Po	Whole Rock
124533	FR05-02	190.4	191.3	0.89	Leuconorite	1% disseminated Po	Assay
124534	FR05-02	202.2	203.1	0.85	Leuconorite	1% Po diss + 9% red and yellow soft oxides	Whole Rock
124535	FR05-02	229.83	230.9	1.04	Psammitic Gneiss	4% disseminated and vn Po	Assay
124536	FR05-02	297.5	298.5	1	Psammitic Gneiss	0 wing	Assay
124537	FR05-02	298.5	300	1.5	Psammitic Gneiss	1% diss Po-Py in mafic bands	Assay
124538	FR05-02	300	301.5	1.5	Psammitic Gneiss	0.5% disseminated Po	Assay
124539	FR05-02	301.5	303	1.5	Psammitic Gneiss	1% diss Po-Py in mafic bands	Assay
124540	FR05-02	303	304.5	1.5	Psammitic Gneiss	0.5 to 1% disseminated Po-Py	Assay
124541	FR05-02	304.5	305	0.5	Psammitic Gneiss	0 wing	Assay
124542	***FR05-02***	***Standard***			***EXS 2A***		***Assay***
124543	FR05-02	310.8	311.3	0.5	paragneiss	0 wing	Assay
124544	FR05-02	311.3	312	0.7	paragneiss	1% diss Po-Py	Assay
124546	FR05-02	313	313.5	0.45	paragneiss	1-2% PO in mafic bands	Assay
124548	FR05-02	375	376.5	1.5	paragneiss	1-2% in biotite rich cm bands (75% du sample)	Assay
124549	FR05-02'	388.5	390	1.5	paragneiss	1-3% of PO-Py in cm scale mafinc bands (~65-75% of the sample and 25-35% of qz/fpds bands, intrusion)	Assay
124550	FR05-02'	390	391.3	1.25	paragneiss	1-3% of PO-Py in cm scale mafinc bands (75% of the sample and ~25% of qz/fpds bands, intrusion)	Assay
124551	FR05-02'	391.25	392	0.75	paragneiss	5-7% of Po, locally cm scale patch and diss in 70% mafic bands, weak conductor	Assay
124552	FR05-02'	392	393.5	1.5	paragneiss	2-3% Po patchy and diss mainly concentrate in 75% of mafic bands	Assay
124553	FR05-02'	395.5	394.9	-0.56	paragneiss	1-3% of disseminated Po-Py in bedding of 70-80% of biotite rich bands	Assay
124554	FR05-02'	405	406.2	1.15	paragneiss	Beginning of the targeted zone. 4-5% of Py and some Po in 65% mafic cm scale bands. Mineralization follow the bedding	Assay
124555	FR05-02'	406.15	408	1.85	paragneiss	4-5% of Py in 20% mafic cm scale bands. Mineralization follow the bedding	Assay
124556	FR05-02'	408	408.3	0.3	paragneiss	4-6% of Po in mafic interval diss and veinlets. Mineralization follow the bedding	Assay

Sample #	Hole#	From (m)	To (m)	Sample length (m)	Rock Type	Sulphides	Analyses Type
124557	FR05-02'	408.3	410.2	1.9	paragneiss	3-4% of Py and tr Po in veinlets in mafic bands (80% of the sample). Include massive critalline 6cm graphite band (at 408.4m)	Assay
124558	FR05-02'	410.2	411.1	0.9	paragneiss	4-5% of Py in 90% mafic bands. And some Pegmatitic fragments? Mineralization follow the bedding	Assay
124559	FR05-02'	411.1	411.7	0.62	paragneiss	Mafic interval, 35% Py (matrix) tr of Po, and traces of graphite, good conductor.	Assay
124560	FR05-02'	411.72	412.6	0.91	paragneiss	3-4% of Py in 65% mafic cm scale bands. Mineralization follow the bedding	Assay
124561	FR05-02'	412.63	414	1.37	paragneiss	4-6% Py and Po patchy and veinlets in mafic interval . Locally weakly conductive...tr graphite?	Assay
124562	FR05-02'	414	415	1	paragneiss	3-5% Py diss and veinlet, and tr of Po in veinlets in 65% mafic 10cm scale bands. (mix with peg) Mineralization follow the bedding	Assay
124563	FR05-02'	415	415.7	0.7	paragneiss	4% Py and tr of Po in cm scale mafin bands (75% of sample) weackly conductive.	Assay
124564	FR05-02'	415.7	416.3	0.55	paragneiss	Tr to 1% Po and Cpy in pergmatitic intersection.	Assay
124565	FR05-02'	416.25	417	0.75	paragneiss	3-4% of Py and Po in mafic cm scale bands. Weackly conductive and magnetic	Assay
124566	FR05-02'	417	418.3	1.3	paragneiss	4-6% Py and Po in veinlets in 15% Py in 40% of the sample) mafic interval .	Assay
124567	FR05-02'	418.3	419.3	0.97	paragneiss	3-5% Py diss and veinlet, and tr of Po in veinlets in 55% mafic cm scale bands. (mix with peg) Mineralization follow the bedding. In menerlizated band, weackly conductive.	Assay
124568	FR05-02'	419.27	419.5	0.26	paragneiss	Mafic interval, 35% Py (matrix) tr of Po, and traces of graphite, good conductor.	Assay
124569	FR05-02'	419.53	421.3	1.79	paragneiss	2-3% Po and Py in 15% mafic bands	Assay
124570	FR05-02'	428.21	428.5	0.31	paragneiss	3-5% Py diss and veinlet, and tr of Po in veinlets in 20% mafic cm scale bands. (mix with 80%of peg) Mineralization follow the bedding. In menerlizated band,	Assay
124571	FR05-02'	431.1	431.7	0.6	paragneiss	2-4% Po-Py and tr Cpy in 80% mafic bands with some round qz fragment.	Assay
124572	FR05-02'	431.7	432.2	0.45	paragneiss	15-18% Py in 100% mafic, biote rich interval..Good conductor.	Assay
124573	FR05-02'	432.15	433.1	0.97	paragneiss	2-4% Po-Py and tr Cpy in 80% mafic bands with some round qz fragment.	Assay
124574	FR05-02'	435.58	436.2	0.6	paragneiss	2-3% Po-Py in 35% mafic bands	Assay
124575	FR05-02'	438.17	439.1	0.91	paragneiss	2-4% Po-Py in veins following the bedding in 75% mafic bands.	Assay
124576	FR05-02'	439.08	439.8	0.72	paragneiss	2% Po-Py in veins following the bedding in 90% mafic bands.	Assay
124577	FR05-02'	439.8	441.4	1.56	paragneiss	tr-1% Py-Po in 20% mafic bands following the bedding	Assay
124578	FR05-02'	441.36	442.6	1.28	paragneiss	1% diss Po-Py in 70% mafic bands	Assay
124579	FR05-02'	451.05	451.7	0.61	paragneiss	1% Py-Po in mafic biotite rich bands.	Assay
124580	***FR05-02'***	***Standard***			***EXS 2A***		***Assay***

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À: **FALCONBRIDGE LIMITED - EXPLORATION**
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Finalisée Date: 20-JUIL-2005
Compte: UZJ

CERTIFICAT VO05052396

Projet: PN-160
Bon de commande #:
Ce rapport s'applique aux 57 échantillons de carotte forage soumis à notre laboratoire le Val d'Or, QC, Canada de 29-JUIN-2005.
Les résultats sont transmis à:
DANIELLE GIOVENAZZO

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME-ICP61	27 éléments, quatre acides ICP-AES	ICP-AES
PGM-ICP23	Pt, Pd et Au 30 g FA ICP	ICP-AES

À: **FALCONBRIDGE LIMITED - EXPLORATION**
ATTN: DANIELLE GIOVENAZZO
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

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Projet: PN-160

Finalisée Date: 20-JUIL-2005
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CERTIFICAT D'ANALYSE VO05052396

Description échantillon / Méthode / élément / unités / L.D.	WEI-21 Poids reçu kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1
124519	0.68	0.004	<0.005	0.002	0.9	3.16	<5	110	0.6	<2	1.88	<0.5	77	270	312
124520	0.63	<0.001	<0.005	0.002	<0.5	6.63	<5	260	1.7	<2	0.79	<0.5	29	29	70
124521	1.50	<0.001	<0.005	<0.001	<0.5	8.59	7	280	0.7	<2	5.10	<0.5	43	106	28
124522	2.19	<0.001	<0.005	<0.001	<0.5	8.37	<5	270	0.5	<2	4.82	<0.5	45	62	22
124523	0.25	0.010	0.076	0.211	0.6	6.07	7	30	0.6	<2	5.54	<0.5	80	423	800
124524	2.50	<0.001	<0.005	<0.001	<0.5	8.83	<5	300	0.7	<2	5.13	<0.5	50	87	39
124526	2.21	<0.001	<0.005	<0.001	<0.5	8.55	<5	330	0.8	<2	5.20	<0.5	44	55	50
124527	1.95	<0.001	<0.005	<0.001	<0.5	6.21	<5	460	1.4	<2	5.39	<0.5	40	<1	36
124528	1.60	<0.001	<0.005	<0.001	<0.5	6.30	<5	550	1.8	<2	5.22	<0.5	44	6	61
124529	0.71	<0.001	<0.005	<0.001	<0.5	8.74	<5	250	<0.5	<2	5.98	<0.5	59	49	65
124530	0.19	0.061	0.075	0.194	<0.5	6.35	<5	30	0.6	<2	5.76	<0.5	81	459	851
124531	3.25	0.001	<0.005	<0.001	<0.5	5.87	<5	160	<0.5	<2	3.81	<0.5	95	54	40
124533	1.79	0.012	<0.005	<0.001	<0.5	8.61	<5	260	0.6	<2	5.18	<0.5	61	44	32
124535	1.91	0.001	<0.005	0.001	<0.5	8.35	9	360	1.0	<2	1.56	<0.5	31	87	194
124536	1.65	<0.001	<0.005	<0.001	<0.5	5.86	<5	370	1.8	<2	1.50	<0.5	11	94	44
124537	2.94	<0.001	<0.005	0.001	<0.5	6.92	<5	310	1.3	<2	3.21	<0.5	26	152	121
124538	2.67	<0.001	<0.005	<0.001	<0.5	8.48	<5	450	2.2	<2	2.53	<0.5	14	52	24
124539	2.87	<0.001	<0.005	<0.001	<0.5	7.49	<5	210	1.2	<2	4.33	1.6	33	66	40
124540	2.70	<0.001	<0.005	<0.001	<0.5	7.54	<5	310	2.3	<2	4.11	<0.5	27	46	67
124541	0.86	<0.001	<0.005	<0.001	<0.5	7.13	<5	1430	8.9	<2	1.18	<0.5	1	6	6
124542	0.13	0.025	0.076	0.202	<0.5	6.37	<5	30	0.6	<2	5.71	<0.5	82	430	879
124543	0.76	<0.001	<0.005	<0.001	<0.5	8.05	<5	560	1.6	<2	2.41	<0.5	6	16	10
124544	1.17	<0.001	<0.005	<0.001	<0.5	8.52	<5	680	1.6	<2	3.73	<0.5	13	32	62
124546	0.58	<0.001	<0.005	<0.001	<0.5	7.90	<5	430	2.4	<2	5.22	<0.5	22	11	102
124548	2.70	<0.001	<0.005	0.001	<0.5	7.03	<5	540	1.9	<2	3.55	<0.5	17	49	79
124549	3.06	<0.001	<0.005	0.002	0.7	6.42	<5	420	1.6	<2	6.74	<0.5	24	61	124
124550	2.35	0.008	<0.005	0.002	<0.5	9.06	7	510	1.1	<2	5.05	<0.5	14	58	25
124551	1.58	0.009	<0.005	0.011	1.0	4.78	<5	80	1.6	<2	5.38	0.5	56	79	383
124552	3.08	0.001	<0.005	0.002	<0.5	4.80	8	310	1.7	<2	8.83	<0.5	21	48	120
124553	2.79	<0.001	<0.005	0.001	<0.5	7.78	<5	390	1.0	<2	3.61	<0.5	17	72	36
124554	2.27	0.003	<0.005	0.008	0.8	5.70	<5	50	1.4	<2	2.31	<0.5	25	378	279
124555	3.35	<0.001	<0.005	0.004	<0.5	6.22	<5	240	0.9	<2	2.01	<0.5	20	328	90
124556	0.72	<0.001	<0.005	0.011	0.6	4.65	<5	90	2.8	<2	9.67	0.9	26	132	207
124557	3.33	<0.001	<0.005	0.003	<0.5	6.68	5	290	1.4	<2	0.94	<0.5	13	170	67
124558	1.62	<0.001	0.005	0.004	<0.5	6.82	<5	60	1.0	<2	1.72	<0.5	27	144	143
124559	1.28	0.007	<0.005	0.007	1.3	4.60	8	130	1.8	<2	1.89	0.9	63	87	236
124560	1.73	<0.001	<0.005	0.001	0.5	7.01	<5	320	2.0	<2	2.53	<0.5	16	49	76
124561	2.81	0.002	<0.005	0.004	0.7	6.61	<5	110	2.3	<2	1.78	<0.5	42	102	196
124562	1.78	<0.001	<0.005	0.004	0.5	6.39	<5	270	1.8	<2	1.25	<0.5	29	70	132
124563	1.52	0.001	<0.005	0.003	<0.5	6.10	<5	130	1.3	<2	2.45	<0.5	40	275	137

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À: FALCONBRIDGE LIMITED - EXPLORATION
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LAVAL QC H7L 5A7

Finalisée Date: 20-JUIL-2005
Compte: UZJ

Projet: PN-160

CERTIFICAT D'ANALYSE VO05052396

Description échantillon	Méthode élément unités L.D.	ME-ICP61 Fe % 0.01	ME-ICP61 K % 0.01	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10
124519		10.10	0.54	5.74	1410	3	0.70	274	580	40	1.50	<5	137	0.42	247	<10
124520		2.65	3.19	0.40	255	4	2.35	168	90	138	1.06	<5	170	0.11	22	<10
124521		8.14	0.49	3.21	1315	2	2.24	51	1540	22	0.12	<5	347	1.08	141	<10
124522		7.27	0.38	3.59	1740	<1	2.32	97	930	15	0.04	<5	421	0.74	112	<10
124523		9.52	0.17	5.18	1430	1	1.15	2420	530	22	0.62	<5	157	0.68	302	<10
124524		9.30	0.53	3.67	1335	1	2.33	55	1470	19	0.14	<5	335	1.08	142	<10
124526		10.35	0.57	2.93	1465	<1	2.54	31	1640	20	0.18	<5	316	1.66	266	<10
124527		12.70	0.82	2.46	2030	<1	2.51	7	4120	28	0.29	<5	238	2.35	200	<10
124528		13.25	0.85	2.53	2010	1	2.64	10	3680	28	0.32	<5	227	2.23	284	<10
124529		9.73	0.65	3.92	1295	<1	2.02	64	1640	70	0.71	<5	309	1.36	240	<10
124530		9.91	0.18	5.36	1485	1	1.17	2480	560	17	0.66	<5	165	0.70	306	10
124531		12.25	0.31	8.55	1665	1	1.43	339	880	23	0.11	<5	242	0.67	93	<10
124533		9.79	0.47	5.17	1370	<1	2.08	138	1390	26	0.14	<5	325	0.96	131	<10
124535		7.60	1.23	2.29	572	11	2.81	77	600	35	2.32	<5	385	0.60	260	<10
124536		2.62	1.08	1.51	435	<1	2.36	20	510	42	0.23	<5	262	0.14	60	<10
124537		5.66	0.61	3.15	930	1	2.21	72	1570	32	0.59	<5	473	0.44	148	<10
124538		3.93	1.21	2.33	697	<1	3.06	24	2040	44	0.10	<5	515	0.43	113	<10
124539		6.06	0.73	4.20	1045	<1	2.20	31	640	24	0.25	<5	307	0.43	201	<10
124540		5.00	1.24	2.69	888	<1	2.23	29	1430	32	0.29	<5	317	0.44	160	<10
124541		0.64	2.27	0.11	150	<1	3.28	9	40	40	0.03	<5	360	0.05	3	<10
124542		9.85	0.18	5.36	1480	1	1.17	2480	560	16	0.67	<5	165	0.69	309	<10
124543		1.78	1.20	0.71	356	<1	3.34	10	660	27	0.04	<5	573	0.16	33	<10
124544		2.79	0.91	1.23	548	2	3.20	26	1220	20	0.18	<5	844	0.20	55	<10
124546		4.26	0.50	1.06	841	1	3.01	13	2630	21	1.15	<5	1040	0.29	55	<10
124548		4.57	2.12	2.97	981	4	1.96	50	910	20	0.78	<5	227	0.29	97	<10
124549		6.75	1.32	4.21	882	24	1.73	110	2580	22	2.09	<5	376	0.46	161	<10
124550		5.58	1.66	2.71	899	3	2.74	26	6960	23	0.48	<5	833	1.28	195	<10
124551		11.90	1.19	4.15	650	58	0.90	306	1050	21	5.52	<5	166	0.42	373	<10
124552		6.30	1.02	5.60	839	15	0.98	94	1400	17	2.04	<5	257	0.32	148	<10
124553		4.97	1.17	2.61	837	4	2.46	39	2460	20	0.69	<5	603	0.36	121	<10
124554		11.40	2.53	3.29	699	23	1.28	250	640	30	5.22	<5	179	0.38	448	<10
124555		5.87	2.93	2.25	436	6	1.58	177	490	30	2.20	<5	182	0.44	224	<10
124556		8.82	0.63	6.30	1060	5	0.75	240	1110	19	4.21	<5	191	0.18	162	<10
124557		5.98	3.49	0.90	227	20	1.82	94	180	41	2.56	<5	254	0.24	236	<10
124558		9.59	2.75	1.22	312	15	1.72	138	540	24	4.88	<5	310	0.41	232	<10
124559		21.0	1.03	1.43	499	37	1.38	359	650	10	10.0	<5	185	0.29	180	<10
124560		6.87	1.93	1.76	487	9	2.13	84	530	18	2.46	<5	252	0.21	105	<10
124561		13.25	1.98	1.58	447	20	1.96	204	640	12	5.77	<5	210	0.30	242	<10
124562		8.25	3.01	0.69	229	35	1.76	133	700	33	3.75	<5	224	0.21	249	<10
124563		10.90	1.86	2.95	767	11	1.63	156	420	10	4.05	<5	188	0.35	180	<10

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Finalisée Date: 20-JUIL-2005
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Projet: PN-160

CERTIFICAT D'ANALYSE VO05052396

Description échantillon / Méthode élément unités L.D.	ME-ICP61 Zn ppm 2
124519	141
124520	31
124521	87
124522	74
124523	83
124524	114
124526	134
124527	201
124528	186
124529	169
124530	84
124531	138
124533	117
124535	201
124536	73
124537	190
124538	110
124539	707
124540	96
124541	19
124542	85
124543	43
124544	74
124546	55
124548	120
124549	135
124550	136
124551	132
124552	131
124553	124
124554	224
124555	155
124556	322
124557	84
124558	102
124559	102
124560	106
124561	117
124562	66
124563	162

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CERTIFICAT D'ANALYSE VO05052396

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1
124564		0.95	<0.001	<0.005	<0.001	<0.5	8.40	5	1600	3.6	<2	1.76	<0.5	3	15	17
124565		1.28	<0.001	<0.005	0.003	0.5	8.20	<5	450	1.7	<2	2.95	<0.5	23	110	81
124566		2.84	0.002	<0.005	0.008	0.9	5.59	<5	80	0.7	<2	4.47	<0.5	53	628	183
124567		1.92	0.001	<0.005	0.005	<0.5	7.05	<5	300	1.7	<2	3.92	<0.5	32	106	111
124568		0.59	0.002	<0.005	0.016	1.7	4.99	<5	40	1.7	<2	1.35	0.5	116	99	298
124569		3.19	<0.001	<0.005	<0.001	<0.5	5.39	<5	950	1.1	<2	1.24	<0.5	8	34	26
124570		0.52	<0.001	<0.005	0.001	<0.5	6.86	<5	500	1.0	<2	2.71	<0.5	9	44	129
124571		1.12	0.001	<0.005	0.004	0.6	5.88	<5	70	1.9	<2	4.30	<0.5	33	52	275
124572		0.56	0.004	<0.005	0.011	1.5	4.14	<5	40	1.6	<2	2.32	1.1	54	104	529
124573		1.82	0.003	<0.005	0.012	0.6	6.33	<5	200	2.8	<2	1.47	<0.5	21	45	210
124574		1.21	0.003	<0.005	0.002	<0.5	7.47	6	290	2.3	<2	1.92	<0.5	14	38	130
124575		1.71	0.003	<0.005	0.005	<0.5	7.48	<5	280	1.8	<2	3.32	<0.5	29	84	163
124576		1.49	0.002	<0.005	0.002	<0.5	5.84	<5	380	1.8	<2	6.34	<0.5	15	70	64
124577		2.84	0.001	<0.005	0.001	<0.5	6.15	<5	460	1.5	<2	1.92	<0.5	11	42	85
124578		2.40	<0.001	<0.005	0.003	<0.5	7.44	<5	350	3.8	<2	3.75	<0.5	20	81	161
124579		1.17	<0.001	<0.005	0.007	<0.5	6.53	<5	470	0.9	<2	2.50	<0.5	31	140	211
124580		0.22	0.032	0.079	0.198	<0.5	6.51	<5	40	0.6	<2	6.05	<0.5	80	427	838

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Finalisée Date: 20-JUIL-2005
Compte: UZJ

Projet: PN-160

CERTIFICAT D'ANALYSE VO05052396

Description échantillon / Méthode élément unités L.D.	ME-ICP61 Fe % 0.01	ME-ICP61 K % 0.01	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10
124564	1.16	2.72	0.20	78	4	3.47	10	80	41	0.35	<5	463	0.05	21	<10
124565	6.97	1.29	1.93	519	10	3.00	82	480	14	2.35	<5	426	0.28	134	<10
124566	16.70	1.56	5.94	1735	30	1.25	204	500	4	6.15	<5	253	0.72	552	<10
124567	8.83	1.09	3.06	816	11	2.37	120	430	11	2.98	<5	411	0.31	160	<10
124568	26.2	1.10	1.00	324	39	1.54	463	480	7	>10.0	5	187	0.33	250	<10
124569	2.30	1.94	0.80	233	2	1.64	20	320	16	0.46	<5	240	0.17	35	<10
124570	4.39	2.15	1.44	283	6	1.82	43	930	16	1.54	<5	288	0.28	74	<10
124571	11.45	1.53	2.45	574	33	1.48	158	1540	10	5.10	<5	266	0.32	167	<10
124572	17.60	1.41	1.52	569	93	1.08	261	1100	12	9.20	<5	146	0.39	446	<10
124573	7.58	2.50	0.74	253	38	1.90	108	690	35	2.98	<5	264	0.23	179	<10
124574	5.43	3.01	1.02	401	11	2.23	55	830	34	2.09	<5	315	0.27	75	<10
124575	8.45	1.64	2.45	810	12	2.04	94	1040	14	2.68	<5	472	0.62	184	<10
124576	5.65	1.77	3.57	1405	15	1.58	48	990	18	1.17	<5	286	0.31	273	<10
124577	5.31	3.70	1.14	721	4	1.28	44	590	26	1.87	<5	198	0.34	43	<10
124578	8.24	2.53	2.18	844	18	1.75	90	2190	22	2.90	<5	250	0.61	198	<10
124579	8.01	1.58	2.71	1365	16	1.64	120	350	11	1.65	<5	376	0.60	262	<10
124580	10.45	0.17	5.50	1495	1	1.21	2430	570	<2	0.67	<5	163	0.71	296	10

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Description échantillon	Méthode élément unités L.D.	ME-ICP61 Zn ppm 2
124564		17
124565		105
124566		233
124567		131
124568		85
124569		44
124570		90
124571		127
124572		143
124573		81
124574		89
124575		136
124576		137
124577		118
124578		172
124579		168
124580		86

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Compte: UZJ

CERTIFICAT VO05052395

Projet: PN-160
Bon de commande #:
Ce rapport s'applique aux 3 échantillons de carotte forage soumis à notre laboratoire le Val d'Or, QC, Canada de 29-JUIN-2005.
Les résultats sont transmis à:
DANIELLE GIOVENAZZO

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Cu-AA61	Trace Cu - Digestion quatre acides	AAS
Ni-AA61	Trace Ni - Digestion quatre acides	AAS
V-AA61	Trace V - Digestion quatre acides	AAS
S-IR08	Soufre total (Leco)	LECO
PGM-ICP23	Pt, Pd et Au 30 g FA ICP	ICP-AES
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM
ME-XRF05	Analyse XRF de degré trace	XRF
Co-AA61	Trace Co - Digestion quatre acides	AAS

À: **FALCONBRIDGE LIMITED - EXPLORATION**
ATTN: DANIELLE GIOVENAZZO
3296, AVE FRANCIS-HUGHES
LAVAL QC H7L 5A7

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

ALS Chemex

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CERTIFICAT D'ANALYSE VO05052395

Méthode	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
élément	Au	Pt	Pd	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO
unités	ppb	ppb	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Description échantillon / L.D.	1	5	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
124525	<1	<5	<1	46.26	16.75	15.19	8.06	6.64	2.83	0.74	0.02	1.93	0.19	0.35	0.03
124532	<1	<5	<1	45.63	18.63	12.54	8.72	8.12	2.62	0.53	0.01	1.34	0.15	0.25	0.04
124534	<1	<5	<1	43.10	14.92	17.00	7.70	8.30	2.10	0.67	0.02	2.44	0.24	0.29	0.03

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CERTIFICAT D'ANALYSE VO05052395

Description échantillon	Méthode / élément / unités / L.D.	ME-XRF06 BaO % 0.01	ME-XRF06 LOI % 0.01	ME-XRF06 Total % 0.01	ME-XRF05 Ba ppm 10	ME-XRF05 Nb ppm 2	ME-XRF05 Rb ppm 2	ME-XRF05 Sr ppm 2	ME-XRF05 Y ppm 2	ME-XRF05 Zr ppm 2	Co-AA61 Co ppm 2	Cu-AA61 Cu ppm 1	Ni-AA61 Ni ppm 2	V-AA61 V ppm 5	S-IR08 S % 0.01
124525		0.03	1.13	100.15	360	8	17	295	32	136	51	42	65	163	0.12
124532		0.02	1.26	99.85	250	6	12	346	20	90	54	31	149	128	0.10
124534		0.03	3.16	100.00	270	6	26	275	28	122	67	70	134	295	0.27

Appendix 3. Analyses of data quality, see text for discussion.

Element	**Sample 124530 EXS 2A**	***% difference from accepted value***	***Sample 124523 EXS 2A***	***% difference from accepted value***	**Sample 124542 EXS 2A**	***% difference from accepted value***	**Sample 124580 EXS 2A**	***% difference from accepted value***	***Accepted Value EXS 2A***	***Detection Limit***	***average % difference from accepted value***
Al (%)	6.35	*8*	6.07	*4*	6.37	8	6.51	*10*	**5.84**	**0.01**	*8*
Fe (%)	9.91	*9*	9.52	*14*	9.85	10	10.45	*4*	**10.84**	**0.01**	*9*
Mg (%)	5.36	*1*	5.18	*4*	5.36	1	5.5	*2*	**5.39**	**0.01**	*2*
Ca (%)	5.76	*11*	5.54	*15*	5.71	12	6.05	*6*	**6.40**	**0.01**	*11*
Na (%)	1.17	*6*	1.15	*4*	1.17	6	1.21	*9*	**1.11**	**0.01**	*6*
K (%)	0.18	*6*	0.17	*12*	0.18	6	0.17	*12*	**0.19**	**0.01**	*9*
Ti (%)	0.7	*5*	0.68	*8*	0.69	7	0.71	*4*	**0.74**	**0.01**	*6*
Cr (ppm)	459	*2*	423	*6*	430	4	427	*5*	**448.46**	**1.00**	*4*
Mn (ppm)	1485	*8*	1430	*12*	1480	8	1495	*7*	**1598.99**	**5.00**	*9*
P (ppm)	560	*8*	530	*14*	560	8	570	*6*	**602.21**	**10.00**	*9*
Sr (ppm)	165	*18*	157	*13*	165	18	163	*17*	**135.85**	**1.00**	*16*
Ba (ppm)	30	*15*	30	*15*	30	15	40	*14*	**34.60**	**10.00**	*15*
V (ppm)	306	*8*	302	*9*	309	7	296	*12*	**330.53**	**1.00**	*9*
Zn (ppm)	84	*11*	83	*10*	85	12	86	*13*	**74.93**	**2.00**	*11*
Ni (ppm)	2480	*3*	2420	*1*	2480	3	2430	*1*	**2401.90**	**1.00**	*2*
Cu (ppm)	851	*8*	800	*2*	879	11	838	*6*	**786.55**	**1.00**	*6*
Co (ppm)	81	*15*	80	*16*	82	13	80	*16*	**92.87**	**1.00**	*15*
Au (ppm)	0.061	*68*	0.01	*95*	0.025	22	0.032	*39*	**0.02**	**0.001**	*56*
Pt (ppm)	0.075	*2*	0.076	*1*	0.076	1	0.079	*3*	**0.08**	**0.001**	*2*
Pd (ppm)	0.194	*5*	0.211	*4*	0.202	1	0.198	*3*	**0.20**	**0.005**	*3*
S (%)	0.66	*2*	0.62	*8*	0.67	0	0.67	*0*	**0.67**	**0.01**	*2*