GM 53641

1995 DIAMOND DRILLING REPORT, LAC POISON WEST SHOWING

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1995 DIAMOND DRILLING REPORT ON THE LAC POISON WEST SHOWING N.T.S. 32D/14, 32E/3

FALCONBRIDGE LIMITED



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

GM 53641

RESSOURCES NATURELLES - SECTEUR MINES

26 MAI 1995

BUREAU RÉGIONAL ROUYN-NORANDA

ROUYN-NORANDA QUÉBEC, CANADA MAY 1995 NORMAND DUPRAS PROJECT GEOLOGIST

1996/04

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SUMMARY

Falconbridge Limited has completed a program of surface diamond drilling on the Lac Poison West Showing on the Normétal Claims and on the Normétal Salamis-Option properties, projects 08-730 and 08-728 respectively. The program was undertaken to further define and delineate the surface showing discovered during the summer 1994 mapping survey, and to verify the possibility of copper and zinc improvement at depth. From March 8 to March 20 1995, and between May 5 to May 9 1995, a total of three (3) diamond drill holes for 739 metres were completed on the properties

The 1995 diamond drilling program carried out on the Lac Poison West Showing allowed to better delineate the surface mineralized horizons outlined within the rhyolite package. The mineralized zone was intersected in hole 95-30-06 over 10 metres between 89.5 and 99.6 metre down-hole. The sulphide is composed mainly of banded/stringer pyrite with minor pyrrhotite. Sampling carried out on the sulphide zone did not returned any economic values. The lateral extension of the mineralized zone has been successfully established over more then 900 metres towards the southeast (hole 95-28-12). At this location, the zone is composed of 5 % pyrite with minor pyrrhotite over a width of about 16 metres.

Additional drilling is recommended to test the western extension of the zone as well as a deep hole beneath hole 95-30-06 to verify the down dip continuity of the mineralized horizon.

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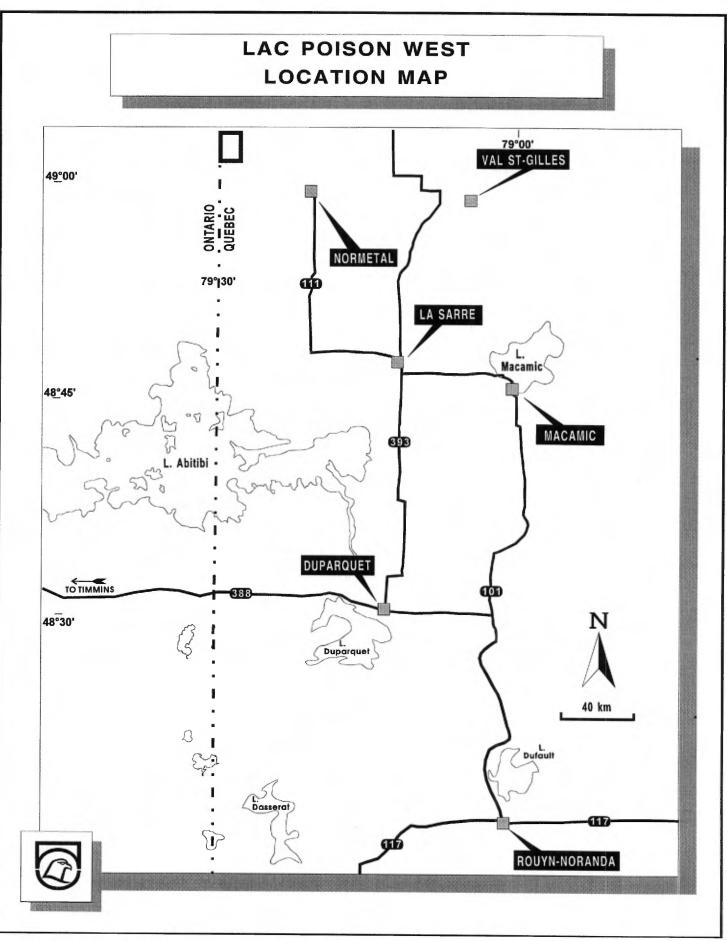
1.1 Scope of work

A diamond drilling program consisting of 3 holes totaling 739 metres was completed on the Lac Poison West Showing between March 8 and March 20 1995, and from May 5 and May 9 1995. The drilling program was designed to drill test the mineralized horizon outlined during the 1994 summer mapping survey. The drill holes were targeted on the best I.P. anomalies related to the mineralized horizon.

1.2 Location and Access

The Lac poison West Showing is located partly on the Normétal Claims and on the Normétal-Salamis Option properties which consist of 363 claims totaling 14,121 hectares and 66 claims for 2,514 hectares respectively. The claim group is located in the Perron, Des Méloizes Clermont and Rousseau townships in Abitibi county, Québec. The claims are registered in the name of Falconbridge Limited under the following licenses (see appendix A).

The Normétal Claims and Normétal-Salamis Option properties are situated one hundred and ten (110) kilometres North of the town of Rouyn-Noranda. Located in the Normétal area, it is readily accessible by Highway 111 from Rouyn-Noranda and by a network of trails crossing most of the property.



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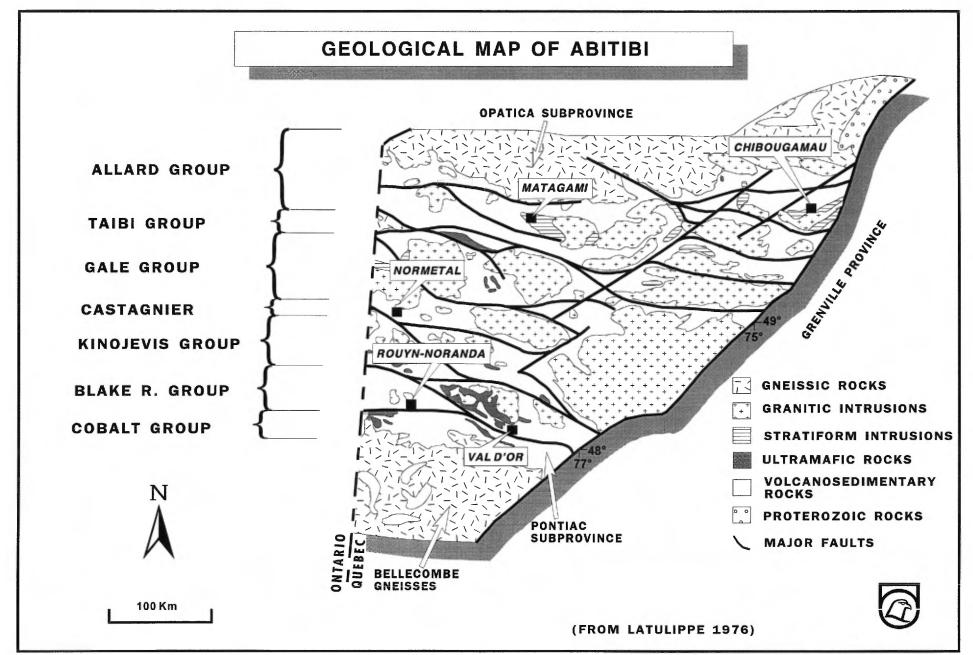
2.1 Regional Geology

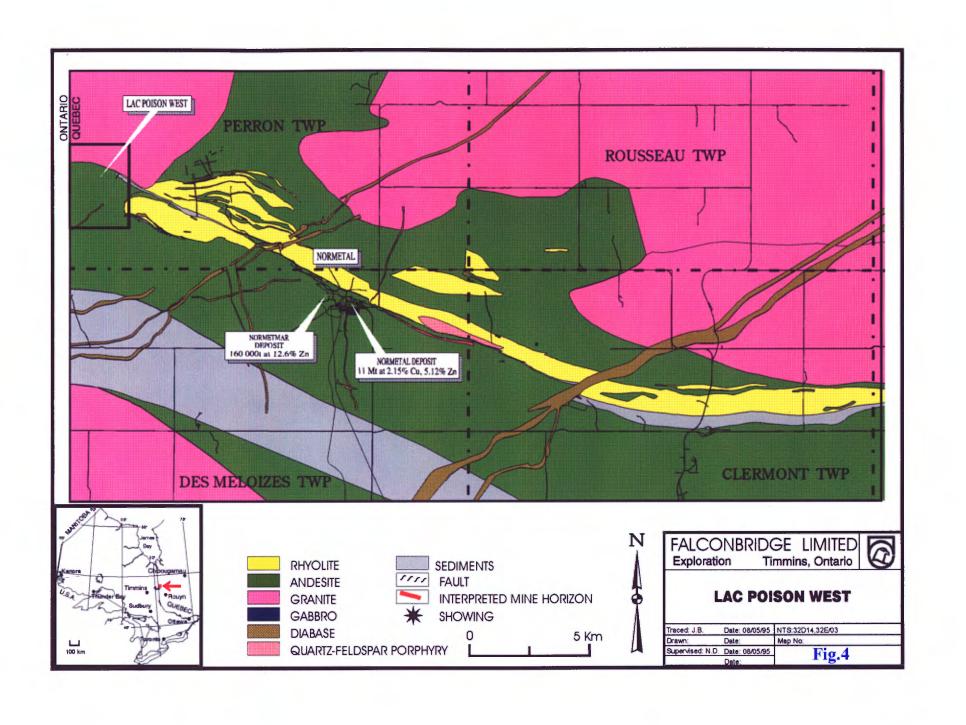
The Normétal area is located in the Gale Group volcanics (Latulippe 1976), in the Archean Abitibi Greenstone belt of Northwestern Quebec. The Gale Group volcanics form lozenge-shaped volcano-sedimentary terrain, bounded to the North and South by the Casa-Berardi and Chicobi structural breaks, respectively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

2.2 Local Geology

The Normétal-Salamis Option property consists of a complex, alternating series of slightly overturned, south-facing mafic and intermediate to felsic volcanic units, forming a thick volcanic pile trending roughly SE-NW. Volcanic rocks are cut by various intrusive rhyolite stocks and dykes, and younger NE-SW trending diabase dykes. A laterally extensive sedimentary horizon occurs near the top of the volcanic sequence.

The Normétal Mine Sequence is located near the southern portion of the property, forming the immediate stratigraphic hangingwall of the sedimentary unit, and consists of a series of mafic to felsic volcanoclastic rocks. Intermediate to felsic, coarse epiclastic breccias and fine to medium tuffs form the immediate Mine Horizon. Alteration effects range from weak to pervasive, with locally developed zones of abundant chloritoid. Local intense compressive deformation is attributed to strongly schistose rocks near the Normétal Mine, and the strongly attenuated shape of the original Normétal Orebody. Metamorphic conditions in the mine increased with depth from greenschist grade to amphibolite grade, as documented by Bertrand. Mine Sequence rocks are immediately overlain by a relatively fresh metabasalt.





3.1 Background of Program

The Lac Poison Ouest Showing, is situated about five (5) kilometres West of Lac Poison in the Perron township, approximately 325 metres North of range II-III line, lots 8 to 11. It consists of four (4) mineralized zones within a seven (7) metre wide band of rhyolitic tuffs, which, based on manual stripping, has a lateral extent of 200 metres. The two (2) most important zones within the four (4) metre mineralized horizon, are bands of semi-massive to massive pyrite, one 20-25 centimetres wide and the second which is more than half a metre wide. The other two (2) zones are 2-3 centimetre wide pyritic layers.

Tops in the area are toward the South; this is indicated by the presence of basal breccia in the andesite at it's contact with the rhyolite tuffs. The volcanic rocks of the region are underlain by the Pantten granite pluton (interpreted by the M.E.R as a syn-tectonic intrusion, S. Lacroix). The lowest unit is a fifty (50) metre thick massive rhyolite which is increasingly granitized toward the contact with the pluton. Locally this rhyolite is highly silicified rather than granitized. The rhylotic tuffs, host to the mineralization, overlay the massive rhyolite, forming a unit about fifty (50) metres thick. Several layers of blocky-tuff are interbedded with the fine-grained tuffs. Pyrite stringers occur in the rhyolite tuffs near the rhyolite-andesite contact. The andesites are pillowed and massive; they are the highest unit outcropping in the area.

Beep Mat surveys carried out over the stripped areas as well as on the lateral extent were proven ineffective, whereas the V.L.F. survey delineated a conductor corresponding to the extension of a known U.T.E.M. conductor 300 metres to the southeast. Samples taken over the mineralized zones returned poor results, despite the fact that analyses from historical shallow drill holes done in the 1950's gave values up to 3.0% Zn over 1.5 metre. Efforts were also made to locate historical diamond drilling casing, none of then were found!

Compilation work indicates that this sector has not been investigated since the drilling carried out in late 1950's. Geophysicaly, no recent surveys have been recorded at the M.E.R. office as assessment work. Cominco U.T.E.M. surveys have not been conducted over the Lac Poison Ouest Showing whereas the Beaupré Showing has not returned any substantial anomalies. Geology interpretation of the Falconbridge re-mapping survey indicates that the unit in contact with the Pantten intrusion is probably the West extension of the Main Rhyolite unit, rather than being sediments as proposed by the Cominco geologists. Is this interpretation correct? Then the Sediment Marker Horizon would be located some distance to the South or would have been removed during the emplacement of the Pantten intrusion?

Considering the above observations and the mapping results, it was recommended that a geophysical survey consisting of Induced Polarization (I.P.) be conducted over this target area. This survey would cover the Southern portion of the contact of the Pantten intrusion as well as the Northern limit of the Soda Rhyolite.

An I.P. survey has been chosen over the E.M. survey types, based on the mineralization style encountered and on the geological model used within the Normétal Belt. The geological model implies a zonation of the mineralization going from copper rich near the hydrothermal vent (proximal mineralization) grading to zinc rich up to iron rich (pyrite) away from the source (distal mineralization). This has been well established at the Normétal Mine and at the adjacent Normetmar deposit.

At the Normétal Mine the hydrothermal vent is interpreted to be located some 8,500 feet below surface, where copper rich zones were observed reaching the surface as a zinc and pyrite rich body. Underground drilling from the deepest level of the mine to the 9,500 feet level as failed to intersect any sulphide mineralization. Interpretation of these results suggests that the hydrothermal vent was located on a north-sloping volcanic edifice and that the sulphide rich solution was flowing down slope toward the north within an elongated depressions. These depressions can be interpreted as a more or less continuous graven system formed as a radial tensional feature, related to the magmatic updoming of a caldera flank. The entire geological sequence was then overturned with the stratigraphic top to the north and the hydrothermal vent 8,500 feet from the present eroded surface. Similar observation were made at the Horne Mine in Rouyn-Noranda and at the Louven Mine near Val D'Or, Québec.

Mineralization (massive to semi-massive sulphide, mostly pyrite) observed at the Lac Poison Ouest Showing may represents the distal portion of a massive sulphide deposit located several hundred metres below surface. I.P. survey will be able to outline all the cherty sulphide horizons, as well as the sphalerite and pyrite mineralization that would probably not be recorded by a regular E.M. system. Geophysical tests done by Sagax Geophysique Inc., over the Normetmar deposit has proven that I.P. is the best geophysical survey for a "Normétal" type of deposit. For all these reasons, it was strongly recommended that I.P. surveys be conducted over this portion of the Normétal Belt.

3.2 Falconbridge Drilling Procedure

The core logging was executed at the Falconbridge Limited core shack located in Normétal, Québec. Since the diamond drill hole collar locations have not been surveyed, the co-ordinates presented on the cross-sections are based on a grid centered on L0+00 and BL0+00. Drilling data was standardized to a scale of 1:1,000 and produced as a series of cross sections. Holes azimuth and deflection in course of the bore hole were recorded by Sperry Sun (single shot) test at sixty (60) metre intervals or acid test every 30 metres. The following drill hole collar locations refer to the geological surface plan produced by Cominco Limited during the course of mapping surveys, done in the summers of 1990 and 1991.

TABLE 1

DIAMOND DRILL HOLE COLLAR LOCATIONS

HOLE #	COORDINATES	AZIMUTH	DIP	LENGTH	TARGET
95-30-06	L40+50W / 4+00N	N 220	-55	209.70m	I.P.
95-30-07	L42+75W / 6+00N	N210	-50	258.47m	I.P.
95-28-12	L34+00W / 1+50S	N180	-50	271.00m	I.P.
		Total		739.17 met	res

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

95-30-06:

This hole was planed to intersect the surface mineralized horizons some 80 metres below surface. The hole was also targeted along a very good I.P. anomaly which was interpreted to be caused by a fairly wide section of mineralized units.

The hole was collared in the granitic intrusion which is followed by the felsic units hosting the mineralized sections. The mineralization was intersected over several metres within a felsic unit. The mineralization consists of pyrite and minor pyrrhotite stringers or small semi-massive horizons of a few centimeters. This was followed by a series of tuffaceous/sedimentary horizons mixed with some small syenite dykes. The hole was stopped in the intermediate massive unit at 258m.

95-30-07:

This hole was collared 250 metres northwest of hole 95-30-06 along the west extension of the I.P. anomaly and on the west extension of the mineralized horizons on a mafic intrusion and stopped in the same unit at 285 metres. At the present time this mafic intrusion is interpreted to be a NE-SW dyke parallel to the one mapped on surface 200 metres to the east.

95-28-12:

This hole was collared 600 metres southeast of hole 95-30-06 along the eastern extension of the I.P. anomaly and on the eastern extension of the mineralized horizons.

SECTION 4 - CONCLUSION

Falconbridge Limited has completed a program of surface diamond drilling on the Lac Poison West Showing on the Normétal Claims and on the Normétal Salamis-Option properties, project 08-730 and 08-728 respectively. The program was undertaken to further define and delineate the surface showing discovered during the summer 1994 mapping survey, and to verify the possibility of copper and zinc improvement at depth. From March 8 to March 20 1995, and between May 5 to May 9 1995, a total of three (3) diamond drill holes for 739 metres were completed on the properties

The 1995 diamond drilling program carried out on the Lac Poison West Showing allowed to better delineate the surface mineralized horizons outlined within the rhyolite package. The mineralized zone was intersected in hole 95-30-06 over 10 metres between 89.5 and 99.6 metres down hole. The sulphide is composed mainly of banded/stringer pyrite with minor pyrrhotite. Sampling carried out on the sulphide zone did not returned any economic value. The lateral extension of the mineralized zone has been successfully established over more then 900 metres towards the southeast (hole 95-28-12). At this location, the zone is composed of 5 % pyrite with minor pyrrhotite over a width of about 16 metres.

Additional drilling is recommended to test the western extension of the zone as well as a deep hole beneath hole 95-30-06 to verify the down dip continuity of the mineralized horizon.

Respectfully submitted,

Normand Dupras Project Geologist Falconbridge Limited

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APPENDIX A

CLAIM	RANGE	LOT	TOWNSHIP	AREA (H)	PROPERTY
5009401	VIII	47	DES MÉLOIZES	48	NC
5009402	VIII	46	DES MÉLOIZES	40	NC
5009403	VIII	45	DES MÉLOIZES	39	NC
5009404	VIII	44	DES MÉLOIZES	39	NC
5009405	VIII	43	DES MÉLOIZES	39	NC
5009406	VIII	42	DES MÉLOIZES	39	NC
5009407	IX	36	DES MÉLOIZES	40	NC
5009408	IX	37	DES MÉLOIZES	40	NC
5009409	IX	38	DES MÉLOIZES	40	NC
5009410	IX	39	DES MÉLOIZES	40	NC
5009411	IX	40	DES MÉLOIZES	40	NC
5009412	IX	41	DES MÉLOIZES	40	NC
5009413	VIII	48	DES MÉLOIZES	40	NC
5009414	VIII	49	DES MÉLOIZES	40	NC
5009415	VIII	50	DES MÉLOIZES	40	NC
5009416	VIII	51	DES MÉLOIZES	40	NC
5009417	VIII	52	DES MÉLOIZES	40	NC
5009418	VIII	53	DES MÉLOIZES	40	NC
5009419	VIII	54	DES MÉLOIZES	40	NC
5009420	VIII	55	DES MÉLOIZES	40	NC
5009421	VIII	56	DES MÉLOIZES	40	NC
5009422	VIII	57	DES MÉLOIZES	40	NC
5009423	VIII	58	DES MÉLOIZES	40	NC
5009424	VIII	59	DES MÉLOIZES	40	NC
5009425	VIII	60	DES MÉLOIZES	40	NC
5009426	VIII	61	DES MÉLOIZES	40	NC
5009427	VIII	62	DES MÉLOIZES	20	NC
5009428	VII	3	CLERMONT	36	NC
5009429	VII	20	CLERMONT	40	NC
5009430	VII	21	CLERMONT	40	NC NC
5009431	VII	22	CLERMONT	40	NC
5009431	VII	23	CLERMONT	40	NC NC
5009433	VII	24	CLERMONT	40	NC NC
5009434	VII	25	CLERMONT	40	NC NC
5009434		46	PERRON	40	NC NC
5009436	11	44	PERRON	40	NC NC
5009430	VII	40	DES MÉLOIZES	40	NC NC
5009437	VII	41	DES MÉLOIZES	40	NC NC
5009438	VII	42	DES MÉLOIZES	40	NC NC
5009439	VII	43	DES MÉLOIZES	40	NC NC
5009440	iX	15	DES MÉLOIZES	40	NC NC
5009441	IX	16	DES MÉLOIZES DES MÉLOIZES	40	NC NC
5009442	IX	17	DES MÉLOIZES	40	
5009444	IX IX	18	DES MÉLOIZES	40	NC NC
5009444	IX	19	DES MÉLOIZES	40	NC NC
5009445	IX IX	20	DES MÉLOIZES	40	
5009446	IX	21	DES MÉLOIZES		NC NC
			_ _	40	NC NC
5009448	IX	22	DES MÉLOIZES	40	NC NC

CLAIM	RANGE	LOT	TOWNSHIP	AREA (H)	PROPERTY
5009449	ΙX	23	DES MÉLOIZES	40	NC
5009450	IX	24	DES MÉLOIZES	40	NC
5009451	IX	25	DES MÉLOIZES	40	NC
5009452	IX	26	DES MÉLOIZES	40	NC
5009453	IX	27	DES MÉLOIZES	40	NC
5009454	IX	28	DES MÉLOIZES	40	NC
5009455	İX	29	DES MÉLOIZES	40	NC
5009456	IX	30	DES MÉLOIZES	40	NC
5009457	IX	31	DES MÉLOIZES	40	NC
5009458	IX	32	DES MÉLOIZES	40	NC
5009459	IX	33	DES MÉLOIZES	40	NC
5009460	IX	34	DES MÉLOIZES	40	NC
5009461	IX	35	DES MÉLOIZES	40	NC
5009462	VII	48	DES MÉLOIZES	40	NC
5009463	VII	49	DES MÉLOIZES	40	NC
5009464	VII	50	DES MÉLOIZES	40	NC
5009465	VII	51	DES MÉLOIZES	40	NC
5009466	VII	53	DES MÉLOIZES	40	NC
5009467	VII	54	DES MÉLOIZES	40	NC
5009468	VII	55	DES MÉLOIZES	40	NC
5009469	VII	56	DES MÉLOIZES	40	NC
5009470	VII	57	DES MÉLOIZES	40	NC
5009471	VII	58	DES MÉLOIZES	40	NC
5009472	VII	59	DES MÉLOIZES	40	NC
5009473	VII	60	DES MÉLOIZES	40	NC
5009474	VII	61	DES MÉLOIZES	40	NC
5009475	VII	62	DES MÉLOIZES	21	NC
5009476	VII	1	CLERMONT	30	NC
5009477	VII	2	CLERMONT	40	NC
5009478	VII	52	DES MÉLOIZES	40	NC
5009481	VIII	25	DES MÉLOIZES	40	NC
5009482	VIII	26	DES MÉLOIZES	40	NC
5009483	VIII	27	DES MÉLOIZES	40	NC
5009484	VIII	28	DES MÉLOIZES	40	NC
5009485	VIII	29	DES MÉLOIZES	40	NC
5009486	VIII	30	DES MÉLOIZES	40	NC
5009487	VIII	31	DES MÉLOIZES	40	NC
5009488	VIII	32	DES MÉLOIZES	40	NC
5009489	VIII	33	DES MÉLOIZES	40	NC
5009490	VIII	34	DES MÉLOIZES	40	NC
5009491	VIII	35	DES MÉLOIZES	40	NC
5009492	VIII	36	DES MÉLOIZES	40	NC
5009493	VIII	37	DES MÉLOIZES	40	NC
5009494	VIII	38	DES MÉLOIZES	40	NC
5009495	VIII	39	DES MÉLOIZES	40	NC
5009496	VIII	40	DES MÉLOIZES	40	NC
5009497	VIII	41	DES MÉLOIZES	40	NC
5009498	VII	37	DES MÉLOIZES	40	NC

CLAIM	RANGE	LOT	TOWNSHIP	AREA (H)	PROPERTY
5009499	VII	38	DES MÉLOIZES	40	NC
5009500	VII	39	DES MÉLOIZES	40	NC
5015385	VII	52	CLERMONT	40	NC
5015386	VII	53	CLERMONT	40	NC
5015387	VII	54	CLERMONT	40	NC
5015388	VII	55	CLERMONT	40	NC
5015389	VII	56	CLERMONT	40	NC
5015390	VII	57	CLERMONT	40	NC
5015398	VII	51	CLERMONT	40	NC
5015399	VII	50	CLERMONT	40	NC
5015400	VII	49	CLERMONT	40	NC
5015908	VIII	49	CLERMONT	40	NC
5016911	VIII	48	CLERMONT	40	NC
5016912	VIII	47	CLERMONT	40	NC
5016913	VIII	46	CLERMONT	40	NC
5051200		2	ROUSSEAU	40	NC
5051201	1	3	ROUSSEAU	40	NC
5051202	1	4	ROUSSEAU	40	NC
5051203	i	5	ROUSSEAU	40	NC
5051204	i	6	ROUSSEAU	40	NC
5051205	i	7	ROUSSEAU	40	NC
5051206	i	 8	ROUSSEAU	40	NC
5051207	1	9	ROUSSEAU	40	NC
5051208		10	ROUSSEAU	40	NC
5051209	i	11	ROUSSEAU	40	NC
5051210	<u> </u>	12	ROUSSEAU	40	NC
5051211	<u> </u>	13	ROUSSEAU	40	NC NC
5051211		14	ROUSSEAU	40	NC
5051212	ı	15	ROUSSEAU	40	NC
5051213		16	ROUSSEAU	40	NC
5051214	11	43	PERRON	40	NC NC
5051364		43	PERRON		
5051365	ll l	42 41	PERRON	40 40	NC NC
	11	40		40	
5051366 5051367	11	39	PERRON	40	NC NC
			PERRON		
5051368		38 37	PERRON PERRON	40	NC NC
5051369	<u>II</u>			40	NC
5098211		22	PERRON	40	NC
5098212				NC	
5098213			40	NC NC	
			PERRON	40	NC NC
5098301				NC NC	
5098302			NC		
5098303	<u>II</u>			NC	
5098304	IJ.	7	PERRON	40	NC
5098305	111	18	PERRON	40	NC
5098306		17	PERRON	40	NC
5098307	111	16	PERRON	40	NC

CLAIM	RANGE	LOT	TOWNSHIP	AREA (H)	PROPERTY
5098308	l	l 15 PERRON		40	NC
5098309	I	14	PERRON	40	NC
5098310	I	13	PERRON	40	NC
5098311	1	12	PERRON	40	NC
5098312	1	11	PERRON	40	NC
5098313	1	10	PERRON	40	NC
5098314	1	9	PERRON	40	NC
5098315	1	8	PERRON	40	NC
5098316	ı	7	PERRON	40	NC
5098317	1	6	PERRON	40	NC
5098318	l l	5	PERRON	40	NC
5098319	l	4	PERRON	40	NC
5098320	1	3	PERRON	40	NC
5098321	I	2	PERRON	40	NC
5098322	ı	1	PERRON	24	NC
5098323	Х	15	DES MÉLOIZES	36	NC
5098324	X	14	DES MÉLOIZES	36	NC
5098325	Х	13	DES MÉLOIZES	36	NC
5098326	Х	12	DES MÉLOIZES	36	NC
5098327	X	11	DES MÉLOIZES	36	NC
5098328	X	10	DES MÉLOIZES	36	NC
5098329	Х	9	DES MÉLOIZES	36	NC
5098330	Х	8	DES MÉLOIZES	36	NC
5098331	Х	7	DES MÉLOIZES	36	NC
5098332	Х	6	DES MÉLOIZES	40	NC
5098333	X	5	DES MÉLOIZES	36	NC
5098334	Х	4	DES MÉLOIZES	36	NC
5098335	X	3	DES MÉLOIZES	36	NC
5098336	Х	2	DES MÉLOIZES	36	NC
5098337	X	1	DES MÉLOIZES	23	NC
5098338	1	30	PERRON	40	NC
5098339	ļ	29	PERRON	40	NC
5098340	ı	28	PERRON	40	NC
5098341	i	26	PERRON	40	NC
5098342	l	27	PERRON	40	NC
5098343	111	24	PERRON	40	NC
5098344	111	25	PERRON	40	NC
5098345	111	19	PERRON		
5098346	111	33	PERRON 40		NC
5098347	III	32 PERRON 40		NC	
5098348	111			NC	
5098349	111	30	30 PERRON 40		NC
5098350	111	29	PERRON 40		NC
5098351	Ш	28	PERRON		
5098352	111	27	PERRON	40	NC
5098353	III	26	PERRON	40	NC
5098360	II .	24	PERRON	40	NC
5098361	II .	23	PERRON	40	NC

CLAIM	RANGE	LOT	TOWNSHIP	AREA (H)	PROPERTY
5098362	Х	19	DES MÉLOIZES	36	NC
5098363	Х	18	DES MÉLOIZES	36	NC
5098364	X	17	DES MÉLOIZES	36	NC
5098365	Х	16	DES MÉLOIZES	36	NC
5098366	111	11	PERRON	40	NC
5098367	111	10	PERRON	40	NC
5098368		9	PERRON	40	NC
5098369		8	PERRON	40	NC
5098370	III	7	PERRON	40	NC
5098371		25	PERRON	40	NC
5098372	l	24	PERRON	40	NC
5098373	ĺ	23	PERRON	40	NC
5098374	×	22	DES MÉLOIZES	36	NC
5098375	X	21	DES MÉLOIZES	36	NC
5098376	X	20	DES MÉLOIZES	36	NC
5098377	1	22	PERRON	40	NC
5098378		21	PERRON	40	NC
5098379		20	PERRON	40	NC
5098380	ĺ	19	PERRON	40	NC
5098381	ľ	18	PERRON	40	NC
5098382		17	PERRON	40	NC
5098383	l	16	PERRON	40	NC
5098384		57	PERRON	40	NC
5098385	Χ	57	DES MÉLOIZES	36	NC
5098386	II	34	PERRON	40	NC
5098387		35	PERRON	40	NC
5098388	ll l	36	PERRON	40	NC
5098389		45	PERRON	40	NC
5098390		44	PERRON	40	NC
5098391		43	PERRON	40	NC
5098392	<u> </u>	42	PERRON	40	NC
5098393		41	PERRON	40	NC
5098394	 	40	PERRON	40	NC
5098395	1	39	PERRON	20	NC
5098396	1	38	PERRON	20	NC
5098397	11	30	PERRON	40	NC
5098398	11	31	PERRON	40	NC
5098399	11	32	PERRON	40	NC
5098400	II	33	PERRON	40	NC
5098424	X	49	DES MÉLOIZES	36	NC
5098425	X	48	DES MÉLOIZES	40	NC
5098426	X	56	DES MÉLOIZES	36	NC
5098430	X	55	DES MÉLOIZES	36	NC
5098431	IX	7	CLERMONT	40	NC
5098432	IX	8	CLERMONT	40	NC
5098433	IX	48	DES MÉLOIZES	40	NC
5098434	IX	49	DES MÉLOIZES	40	NC
5098435	X	42	DES MÉLOIZES	40	NC

CLAIM	RANGE	LOT	TOWNSHIP	AREA (H)) PROPERTY	
5098436	l	58	PERRON	40	NC	
5098437	l	59	PERRON	40	NC	
5098438	ı	60	PERRON	40	NC	
5098439	1	61	PERRON	57	NC	
5098440		1	ROUSSEAU	40	NC	
5098441	Χ	58	DES MÉLOIZES	36	NC	
5098442	Х	59	DES MÉLOIZES	36	NC	
5098443	Χ	60	DES MÉLOIZES	36	NC	
5098444	X	61	DES MÉLOIZES	36	NC	
5098445	Χ	62	DES MÉLOIZES	20	NC	
5098446	Χ	1	CLERMONT	30	NC	
5098447	X	2	CLERMONT	37	NC	
5098448	Х	3	CLERMONT	37	NC	
5098449	Χ	4	CLERMONT	37	NC	
5098450	Х	5	CLERMONT	37	NC	
5098451	Х	6	CLERMONT	37	NC	
5098452	Х	7	CLERMONT	37	NC	
5098453	Χ	8	CLERMONT	37	NC	
5098454	Х	9	CLERMONT	37	NC	
5098455	Х	10	CLERMONT	37	NC	
5098456	Х	11	CLERMONT	37	NC	
5098457	Х	12	CLERMONT	37	NC	
5098458	Х	13	CLERMONT	37	NC	
5098459	Х	14	CLERMONT	37	NC	
5098460	Х	15	CLERMONT	37	NC	
5117952	İl	1	PERRON	22	NC	
5117953	ll l	2	PERRON	40	NC	
5117954	11	3	PERRON	40	NC	
5117955	II	4	PERRON	40	NC	
5117956	11	5	PERRON	40	NC	
5117957	ll l	6	PERRON	40	NC	
5117958	III	1	PERRON	22	NC	
5117959	111	2	PERRON	40	NC	
5117960	111	3	PERRON	40	NC	
5117961	111	4	PERRON	40	NC	
5117962	III	5	PERRON	40	NC	
5117963	III	6	PERRON	40	NC	
5117964	III	12	PERRON	40	NC	
5117965	Ш	13	PERRON	40	NC	
5117966	Ш	14	PERRON	40	NC	
5117967	111	15	PERRON	40	NC	
5117968	111	34	PERRON	40	NC	
5117969	111	35	PERRON	40	NC	
5117970	111	36	PERRON	40	NC	
5117971	111	37	PERRON	40	NC	
5117972	111	38	PERRON	40	NC	
5117973	III	39	PERRON	40	NC	
5117974	III	40	PERRON	40	NC	

CLAIM	RANGE	LOT	TOWNSHIP	AREA (H)	PROPERTY
5117975	l!	49	PERRON	40	NC
5117976	II I	54	PERRON	40	NC
5117977	II	55	PERRON	40	NC
5117978	II	56	PERRON	40	NC
5117979	11	57	PERRON	40	NC
5117980	11	58	PERRON	40	NC
5117981	11	59	PERRON	40	NC
5117982		60	PERRON	40	NC
5117983	il i	61	PERRON	62	NC
5117984	11	1	ROUSSEAU	40	NC
5117985	II.	2	ROUSSEAU	40	NC
5117986	II	3	ROUSSEAU	40	NC
5117987	11	4	ROUSSEAU	40	NC
5117988	11	5	ROUSSEAU	40	NC
5117989	II	6	ROUSSEAU	40	NC
5117990	11	7	ROUSSEAU	40	NC
5117991	II .	8	ROUSSEAU	40	NC
5117992	II I	9	ROUSSEAU	40	NC
5117993	il I	10	ROUSSEAU	40	NC
5117994	ll l	11	ROUSSEAU	40	NC
5117995	II	12	ROUSSEAU	40	NC
5117996	II .	13	ROUSSEAU	40	NC
5117997	II II	14	ROUSSEAU	40	NC
5117998	II -	15	ROUSSEAU	40	NC
5117999	II I	16	ROUSSEAU	40	NC
5118000	VII	45	DES MÉLOIZES	40	NC
5120001	VII	46	DES MÉLOIZES	40	NC
5120002	VII	47	DES MÉLOIZES	40	NC
5120003	i.i.	20	ROUSSEAU	40	NC
5120004	11	21	ROUSSEAU	40	NC
5120005	11	22	ROUSSEAU	40	NC
5120006	ll l	23	ROUSSEAU	40	NC
5120007	[]	24	ROUSSEAU	40	NC
5120008	II	25	ROUSSEAU	40	NC
5120009	1	17	ROUSSEAU	40	NC
5120010	ı	18	ROUSSEAU	40	NC
5120011			ROUSSEAU	40	NC
5120012			ROUSSEAU	40	NC
5120013			ROUSSEAU	40	NC
5120014			ROUSSEAU	40	NC
5120015			ROUSSEAU	40	NC
5120016			23 ROUSSEAU 24 ROUSSEAU		NC
5120017			ROUSSEAU	40 40	NC
5120018			CLERMONT	40	NC
5120019	VIII	44	CLERMONT	40	NC
5120020	VIII	45	CLERMONT	40	NC
5120021	VII	4	CLERMONT	40	NC
5120022	VII	5	CLERMONT	40	NC

CLAIM	RANGE	LOT	TOWNSHIP	AREA (H)	PROPERTY
5120023	VII	6	CLERMONT	40	NC
5120024	VII	7	CLERMONT	40	NC
5120025	VII	8	CLERMONT	40	NC
5120026	VII	9	CLERMONT	40	NC
5120027	VII	10	CLERMONT	40	NC
5120028	VII	11	CLERMONT	40	NC
5120029	VII	12	CLERMONT	40	NC
5120030	VII	13	CLERMONT	40	NC
5120031	VII	14	CLERMONT	40	NC
5120032	VII	15	CLERMONT	40	NC
5120033	VII	16	CLERMONT	40	NC
5120034	VII	17	CLERMONT	40	NC
5120035	VII	18	CLERMONT	40	NC
5120036	VII	19	CLERMONT	40	NC
5120041	ll l	17	ROUSSEAU	16	NC
5120042	II	18	ROUSSEAU	16	NC
5120043	II II	19	ROUSSEAU	16	NC
5120044	IX	46	DES MÉLOIZES	16	NC
5120045	II	48	PERRON	40	NC
5120046	II II	47	PERRON	40	NC
5120047	11	46	PERRON	40	NC
5120048	II II	45	PERRON	40	NC
5120049	IX	42	DES MÉLOIZES	40	NC NC
5120051	VII	44	DES MÉLOIZES	40	NC NC
5138165	IX	45	DES MÉLOIZES	40	NC NC
5138166	IX	44	DES MÉLOIZES	40	NC
5138167	IX	43	DES MÉLOIZES	40	NC NC
3506291	X	54	DES MÉLOIZES	36.4	NSO
3506292	X	53	DES MÉLOIZES	36.4	NSO
3506311	X	52	DES MÉLOIZES	36.4	NSO
3506311	- X	52	DES MÉLOIZES	20	NSO
3506321	IX	54	DES MÉLOIZES	20	NSO
3506322	IX	53	DES MÉLOIZES	20	NSO
3506331	IX	56	DES MÉLOIZES	40	NSO
3506331	IX	55	DES MÉLOIZES	40	NSO
3531621	IX	62	DES MÉLOIZES	21.2	NSO
3531621	IX	61	DES MÉLOIZES	40	NSO
3531622	VIII	12	CLERMONT	40	NSO
3531631			CLERMONT	40	NSO
3531632				NSO	
3531641				 	
3531662			NSO NSO		
3531691		IX 2 CLERMONT 40 IX 3 CLERMONT 40		NSO	
3531692	VIII	<u>3</u> 17	CLERMONT	CLERMONT 40	
				40	NSO
3531702	VIII	18 19	CLERMONT	40	NSO
3531711	VIII		CLERMONT	40	NSO
3531712	VIII	20	CLERMONT	40	NSO
3531721	VIII	21	CLERMONT	40	NSO

CLAIM	RANGE	LOT	TOWNSHIP	AREA (H)	PROPERTY
3531722	VIII	22	CLERMONT	40	NSO
3531731	VIII	23	CLERMONT	40	NSO
3531732	VIII	24	CLERMONT	40	NSO
3531741	IX	58	DES MÉLOIZES	40	NSO
3531742	IX	57	DES MÉLOIZES	40	NSO
3531751	IX	60	DES MÉLOIZES	40	NSO
3531752	IX	59	DES MÉLOIZES	40	NSO
3531761	il .	14	PERRON	40	NSO
3531762	II I	13	PERRON	40	NSO
3531771	11	12	PERRON	40	NSO
3531772	ii	11	PERRON	40	NSO
3531781	VIII	7	CLERMONT	40	NSO
3531782	VIII	8	CLERMONT	40	NSO
3531791	VIII	9	CLERMONT	40	NSO
3531792	VIII	10	CLERMONT	40	NSO
3531801	IX	11	CLERMONT	40	NSO
3531802	VIII	11	CLERMONT	40	NSO
3531811	IX	9	CLERMONT	40	NSO
3531812	IX	10	CLERMONT	40	NSO
3534272	IX	51	DES MÉLOIZES	20	NSO
3534272	11	15	PERRON	40	NSO
	11	16	PERRON	40	
3534322	11	17	PERRON		NSO
3534331	<u> </u>			40	NSO
3534332		18 13	PERRON	40	NSO
3618831	VIII		CLERMONT	40	NSO
3630131	VIII	15	CLERMONT	40	NSO
3630132	VIII	14	CLERMONT	40	NSO
3633961	IX	50	DES MÉLOIZES	40	NSO
3633962	VIII	3	CLERMONT	40	NSO
3633971	VIII	1	CLERMONT	40	NSO
3633972	VIII	2	CLERMONT	40	NSO
3634321	X	50	DES MÉLOIZES	36.4	NSO
4362301	IX	13	CLERMONT	40	NSO
4362302	IX	14	CLERMONT	40	NSO
4362311	IX	15	CLERMONT	40	NSO
4362312	IX	16	CLERMONT	40	NSO
4362321	IX	17	CLERMONT	40	NSO
4362322	IX	18	CLERMONT	40	NSO
4563921	X	51	DES MÉLOIZES	36	NSO
5098215	IX	6	CLERMONT	40	NSO
5098216	VIII	6	CLERMONT	40	NSO
5098217	VIII	5	CLERMONT	40	NSO
5098218	IX	5	CLERMONT	40	NSO
5098219	IX	4	CLERMONT	40	NSO
5098220	VIII	4	CLERMONT	40	NSO

APPENDIX B

HOLE NUMBER: 95-28-12

FALCONBRIDGE LIMITED DRILL HOLE RECORD

IMPERIAL UNITS:

PLOTTING COORDS GRID: COMINCO ALTERNATE COORDS GRID:

ELEV: 3000.00

PROJECT NAME: 8728 PROJECT NUMBER: 8728 CLAIM NUMBER: 3531771

LOCATION: PERRON, RG 2, LOT 12

NORTH: 150 008 EAST: 3400.003

NORTH: 0+0 EAST: 0+ 0 ELEV-0.00

COLLAR DIP: -50° 0' 0" LENGTH OF THE HOLE: 271 00M START DEPTH: 0 00M

DATE: 05/26/1995

METRIC UNITS: X

FINAL DEPTH: 271.00M

COLLAR ASTRONOMIC AZIMUTH: 360° 0' 0"

GRID ASTRONOMIC AZIMUTH: 360° 0' 0"

DATE STARTED: 05/05/1995 DATE COMPLETED: 05/09/1995

DATE LOGGED: 05/11/1995

COLLAR SURVEY: NO ROD LOG: NO HOLE MAKES WATER: NO PULSE EM SURVEY: YES PLUGGED: NO

CONTRACTOR: BENOIT DRILLING CASING: LEFT IN PLACE HOLE SIZE: BO

CORE STORAGE: NORMETAL CORE SHACK

UTM COORD.:

COMMENTS : WEDGES AT:

DIRECTIONAL DATA:

Oepth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
30.00	0. 0. 0.	-50° 0' 0"	A	ок							
90.00	0. 0. 0.	-52° 0' 0"	A	oĸ			_	-		-	
120.00	0° 0' 0"	-49° 0' 0"	A	OK			_	-	-	-	
150.00	00 01 0"	-48° 0' 0"	A	oĸ		i .		-	-	•	
180.00	0. 0. 0.	-47° 0' 0"	A	oĸ			-		_	-	
-	-	-	-	-			-	-	-	-	
-	-	-	_	-		1 -		-	-	-	
-	-	-	-	_		1 -	-	-	-	-	
-	_	_	_	-			•	-	-	-	
-	-	_	-	_		-	•	-	-	-	
-	-	_	_	_		-	-	-	-	-	
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-	-	-	_	_		-	-	-	-	-	
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ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA		MINERALIZATION	REMARKS
10B +> asing verburden		— — . 			
3> ntermediat Volcanic	Medium to dark green volcanic lava. Primary textures have been overprinted by intense alteration and deformation. Kink bands are observed. Strong foliation, @35° to CA. Sharp lower contact, @55° to CA.	35° 	«Chps» Moderate to very strong pervasive chloritization.	Trace of disseminated very fine grained pyrite. Mineralization also occurs in very thin veinlets.	Poor R.Q.D.
4,q,*b> elsic clanic uartz hyric apilli uff	Dark brown volcaniclastic rock. Aphyric groundmass contains 10% of fragments. Ratio of fragments increase toward lower contact and fragments become coarser (fining upward sequence ?), from less than 5% up to 30%. Sub-rounded felsic fragments are stretched parallel to moderate foliation, 035% to CA. 3% of medium grained blue quartz porphyries (c3 mm). Like fragments, ratio of quartz porphyries seem to increase toward lower contact. 3% of quartz veinlets (c1 cm). Most of them are parallelto foliation. Sharp lower contact, 0 35% to CA.	35"		PyDl% Trace to 3% of very fine to fine grained cubic pyrite. Mineralization isdisseminated in groundmass and occurs in veinlets parallel to foliation.	Good R.Q.D.
3* ntermediat Volcanic	Probably intermediate volcanic rock. No primary textures are visible because of very strong alteration. It is composed only of coarse flaky chlorite and it may be named chloritite. Many parasitic folds are present all along this unit. Strong foliation change constantly, no CA. Sharp lower contact with quartz vein, no CA.		Very strong pervasive chloritization. «ChPS»	Nil Nil 	Moderate R.Q.D.
4,m,q> elsic olcanic assive partz hyric	Medium gray aphyric volcanic rock. Contains 1 to 5% of blue and milky quartz porphyries (<2 mm). Seems to contains locally some felsic fragments (lapillistone?). 5% of quartz veins crosscutting moderate foliation, 040° to CA. Fractures are filled with calcite. Irregular sharp lower contact, no CA.	40°		1 to locally 5% of very fine grained pyrite. Pyrite is disseminated and in veinlets parallel to foliation. «PyD3%»	Very good R.Q.D.
7(?),a> afic ntrusive ine rained	Black and white spotted fine grained intrusive rock. Because of the alteration, the protolith cannot be identified. Contains "fragment" of lower unit. 5% of calcite veinlets and quartz vein. Sharp lower contact, @ 50° to CA.		Strong pervasive chloritization and carbonatization (calcite). «ChPS, CbPS»	Nil	Poor R.Q.D.
at, el as ua hy	ermediat olcanic m,q> sic canic sive triz ric ?),a> ic russive e	ermediat textures are visible because of very strong alteration. It is composed only of coarse flaky chlorite and it may be named chloritite. Many parasitic folds are present all along this unit. Strong foliation change constantly, no CA. Sharp lower contact with quartz vein, no CA. Sharp lower contact with quartz vein, no CA. Sharp sic Seems to contains locally some felsic fragments (2 mm). Seems to contains locally some felsic fragments (1apillistone ?). 5% of quartz veins crosscutting trz moderate foliation, @40° to CA. Fractures are filled with calcite. Irregular sharp lower contact, no CA.	ermediat textures are visible because of very strong alteration. It is composed only of coarse flaky chlorite and it may be named chloritite. Many parasitic folds are present all along this unit. Strong foliation change constantly, no CA. Sharp lower contact with quartz vein, no CA. m,q> Medium gray aphyric volcanic rock. Contains 1 to 5% of blue and milky quartz porphyries (<2 mm). canic Seems to contains locally some felsic fragments sive (lapillistone?). 5% of quartz veins crosscutting rtz moderate foliation, @40° to CA. Fractures are filled with calcite. Irregular sharp lower contact, no CA. P),a> Black and white spotted fine grained intrusive ic rock. Because of the alteration, the protolith rusive cannot be identified. Contains "fragment" of lower unit. 5% of calcite veinlets and quartz vein.	ermediat textures are visible because of very strong alteration. It is composed only of coarse flaky chlorite and it may be named chloritite. Many parasitic folds are present all along this unit. Strong foliation change constantly, no CA. Sharp lower contact with quartz vein. no CA. m.q> Medium gray aphyric volcanic rock. Contains 1 to size 5% of blue and milky quartz porphyries (<2 mm). Canic Seems to contains locally some felsic fragments sive (lapillistone?). 5% of quartz veins crosscutting rtz moderate foliation, 040° to CA. Fractures are filled with calcite. Irregular sharp lower contact, no CA. P).a> Black and white spotted fine grained intrusive cannot be identified. Contains "fragment" of lower unit. 5% of calcite veinlets and quartz vein.	ermediat textures are visible because of very strong alteration. It is composed only of coarse flaky chlorite and it may be named chloritite. Many parasitic folds are present all along this unit. Strong foliation change constantly, no CA. Sharp lower contact with quartz vein, no CA. m.q.> Medium gray aphyric volcanic rock. Contains 1 to sic Seems to contains locally some felsic fragments sive (lapillistone?). 5% of quartz veins crosscutting rtz moderate foliation, @40° to CA. Fractures are ric filled with calcite. Irregular sharp lower contact, no CA. P),a> Black and white spotted fine grained intrusive cannot be identified. Contains "fragment" of lower unit. 5% of calcite veinlets and quartz vein. **ChPS** **ChPS** **ChPS** **ChPS** 1 to locally 5% of very fine grained pyrite. Pyrite is disseminated and in veinlets parallel to foliation. **PyD3%* **PyD3%* **ChPS** 1 to locally 5% of very fine grained pyrite. Pyrite is disseminated and in veinlets parallel to foliation. **PyD3%*

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DATE: 05/26/1995 DRILL HOLE RECORD

	[T
FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	TO CA		MINERALIZATION	REMARKS
73.21 TO 159.42	<pre><4,m> Felsic Volcanic massive</pre>	Medium to dark gray aphyric volcanic rock. Feldspar porphyries rich zones appear at the lower part of this unit, beginning at 126 m up to lower contact. Pinkish and white porphyries (trace to 5%) are fine to medium grained (43 mm). S% of quartz-calcite veins (<5 cm). Fractures are filled with calcite veinlets. Weak to moderate foliation, 2 40° to CA. Sharp lower contact, 2 40° to CA.	400	Weak to locally strong pervasive chloritization. Moderate spotty silicification. «ChPM, SiSM»	Trace of medium grained cubic pyrite.	Moderate R.Q.D.
					 - 	
roj	<4,m,q= Felsic Volcanic massive quartz phyric	Medium to dark brownish gray volcanic rock. Groundmass is aphyric to fine grained 1 to locally 5% of medium to coarse grained sub-rounded blue quartz porphyries (<4 mm). Between 190 to 20 m, lava contains also some coarse pinkish feldsparporphyries (1 to 10%; <4 mm). 2% of quartz veins with calcite rim. Carbonate also fills fractures and forms discontinuous veinlets. Weak foliation, 340% to CA. Near lower contact, foliation becomes moderate to strong and decrease	40°	Weak to moderate spotty chloritization. «ChSW»	 Trace of fine to medium grained pyrite and pyrrhotite. Mineralization is disseminated and in veinlets. 	Moderate R.Q.D.

DRILL HOLE RECORD

DATE: 05/26/1995

PROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA		MINERALIZATION	REMARKS
TO	e Volcanic amygdaloida	down to 25° to CA. Chipped lower contact, no CA. 164.52-164.73	40°	Weak to locally strong pervasive chloritization. 205.90-271.0 + ChPM→ 232.00-262.00 + HeSM→ moderate, spotty, hematization.	Nil	Poor to moderate R.Q.D.
271.00 TO 271.00	<eoh> End-Of-Hole</eoh>					

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ASSAYS SHEET

DATE: 26/05/1995

PAGE:

·					_	 						SAIS SE	TEP1						DATE	: 26/05/	1995
Sample	From (M)	To (M)	Leng. (M)	i c		Au ppb	Ag ppm	Pb	Co ppm	Cu/Zn ppm	Ni ppm					 		*			
QB3879 QB3880 QB3881 QB3882 QB3883 QB3885 QB3886 QB3889 QB3889 QB3891 QB3892 QB3896 QB3899	42.00 46.00 56.00 57.00 58.00 59.00 60.00 61.00 63.00 64.00 65.00 67.00 108.00 161.00	162.00 163.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00		Pe	div	ng.														
OLE NUMBE	R: 95-2	8-12									ASS	AYS SHE	EET	 	 	 		·····	 	AGE	

HOLE NUMBER : 95-28-12

GEOCHEMICAL ASSAY

DATE: 26/05/1995

Sample Prop. Prop. Sample Prop. Pro	-		***************************************		и				 	 	 			 		 		 	 ·	5/1995
084030 33.00 33.20 0.20 3.00 0.20 3.00 0.20 4.			To (M)	Leng. (M)			CAO t	MGO %												ALUM
	QB4030 QB4031 QB4032 QB4033 QB4034 QB4035 QB4037 QB4036 QB4038 QB4039	33.00 40.00 75.80 105.08 138.80 145.00 166.00 198.00 214.00 243.80	33.20 40.20 76.00 106.00 139.00 145.20 166.20 198.20 214.20	0.20 0.20 0.20 0.92 0.20 0.20 0.20 0.20		~~~						•	*	PPM	PPM				3,m(?), 4,*b,q 4,m,Si 4,m,Ch 4,m,Ch 4,m,D 4,m,q 4,m,d.C 3,m,e(C	

FALCONBRIDGE LIMITED

HOLE NUMBER: 95-30-06 PROJECT NAME: 8730

PROJECT NUMBER: 8730

CLAIM NUMBER: 5098367

LOCATION: PERRON, RG 3, LOT 10

DRILL HOLE RECORD

ALTERNATE COORDS GRID:

NORTH: 400.00N EAST: 4050.00W ELEV: 3000.00

NORTH: 0+0 EAST: 0+ 0 ELEV: 0.00

COLLAR DIP: -55° 0' 0" LENGTH OF THE HOLE: 209.70M START DEPTH: 0.00M

DATE: 05/26/1995

FINAL DEPTH: 209.70M

METRIC UNITS: X

COLLAR ASTRONOMIC AZIMUTH: 220° 0' 0"

PLOTTING COORDS GRID: COMINCO

GRID ASTRONOMIC AZIMUTH: 220° 0' 0"

DATE STARTED: 03/08/1995

DATE COMPLETED: 03/15/1995 DATE LOGGED: 03/16/1995 COLLAR SURVEY: NO ROD LOG: NO

PULSE EM SURVEY: YES PLUGGED: NO HOLE MAKES WATER: NO HOLE SIZE: BO

CONTRACTOR: BENOIT DRILLING CASING: LEFT IN PLACE CORE STORAGE: NORMETAL CORE SHACK

IMPERIAL UNITS:

UTM COORD.:

COMMENTS : WEDGES AT:

DIRECTIONAL DATA:

Depth (M)	Astronomic Azimuth	Dip degrees		FLAG	Comments	Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
60.00	5 I H	-54" 0' 0"	A	ок							
120.00	0 1 11	-52° 0' 0"	A	OK		i -	-	_	-	_	
180.00	0 1 +	-50° 0' 0"	A	OK		i -	-	-	-	_	
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FROM	ROCK		ANGLE		1	T
то	TYPE	TEXTURE AND STRUCTURE	TO CA		MINERALIZATION	REMARKS
0.00 TO 3.50	Casing					
TO	<pre><9,a,q> Felsic Intrusive fine grained quartz phyric</pre>	Light pink to brownish intrusive rock. Groundmass is aphyric to fine grained and contain 3 to 15% of blue milky quartz porphyries (<4 mm). They are 1 sub-rounded and slightly elongated parallel to very weak foliation, @ 35° to CA (??). Near lower contact, granite is brecciated and contain a "fragment" of lower unit. Sharp lower contact, @ 65° to CA.	 35° 			
13.65 TO 74.34	•	Bluish gray to brown volcanic rock. Aphyric to fine grained groundmass contains trace to locally 5% of medium grained sub-rounded blue and milky white quartz porphyries (<3 mm). Few thin feldspar rich bands (<3 cm) oriented parallel to foliation are observed. White feldspar porphyries are angular to sub-angular and medium to coarse grained (s4 mm). From 41,34 to 42,33, lava contains 5% of fine to medium grained (<2 mm) garnets (?). It may also be pinkish feldspar porphyries (?). There is three thin zones where felsic groundmass is replaced by calcite (from 60,35 to 60,68; 65,92 to 66,07; 66,67 to 66,82 m). 1% of quartz injection (<2 cm). Most of them are parallel to weak to moderate foliation, 2 50° to CA. Sharp lower contact, no CA.	500	From 63 to 74,34 m, moderate to strong spotty chloritization and carbonatization. Alteration occurs in veins and veinlets (stringer ?).	Trace of fine grained pyrite and pyrrhotite. Mineralization is disseminated and in discontinuous veinlets.	Good R.Q.D.
TO	<pre><4,q,*a> Felsic Volcanic quartz phyric tuff</pre>	Dark brownish gray fragmental rock. Felsic fragments (5 to 35%) are sub-rounded and slightly stretched parallel to moderate foliation, 2 60° to CA. Groundmass contains trace to 5% of blue quartz porphyries and trace of coarse pinkish feldspar porphyries or garnet (?). Quartz porphyries are medium grained (<2 mm) and sub-rounded to rounded. There is a garnet rich zone (20%; <2 mm) from 82,9to 83,44. Few quartz veins (<4 cm) crosscuting foliation. Sharp lower contact, 2 60° to CA.	60°	Very weak spotty chloritization.	Trace to locally 1% of disseminated and veinlets of fine grained pyrite.	Moderate R.Q.D.
TO 88.34	<pre><3,a,m> Intermediat e Volcanic fine</pre>	Thin unit of brownish gray volcanic rock. Groundmass is aphiric to fine grained. Moderate foliation, @ 70° to CA. Sharp lower contact, @ 70° to CA.	70° 70° 	Moderate pervasive carbonatization in foliation planes.	Trace of "sheeted" pyrite in frature planes. Pyrite is also disseminated in groundmass.	Good R.Q.D.

HOLE NUMBER: 95-30-06

DRILL HOLE RECORD

LOGGED BY: N. Dupras/C. Blanchet

PAGE: 2

_				DRIED HOLE RECORD		DAIE: 03/26/1373
FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA		MINERALIZATION	REMARKS
88.34 TO 99.60	Felsic	Dark brownish gray massive lava. Fine grained groundmass contains 3% of medium to coarse grained (<4 mm) blue quartz porphyries. 2% of quart veins (<5 cm) parallel to moderate foliation, 3 65° to CA.	65°		From 89,5 up to lower contact, 2 to 15% of sulphide (pyrite, pyrrhotite). Ratio Py/Po is about 9/1. Mineralization is banded parallel to foliation and disseminated.	Good R.Q.D.
99.60 TO 166.25		Brown to dark gray sedimentary rock. No primary structures are observed. Groundmass is fine (dark gray section) to medium (brown section) grained. Some clasts are locally observed. They are mainly composed of angular to sub-angular feldspar grains. Groundmass contains locally trace to 3% of sub-rounded medium grained blue quartz porphyries. Three garnet rich zones are demarcated (from 116,3 to 116,8; 141 to 141,85; 154,3 to 155,4 m). Garnets (2 to 5%) are disseminated and concentrated in thin bands. 3% of stretched and folded quartz veins. Pour White quartz-feldspar phyric dykes with thickness between 0,3 and 1,5 m crosscut sedimentary rock near lower contact. Moderate foliation, 9 70° to CA. Irregular sharp lower contact, no CA.	70°	From 141,95 to 142,35; 146,15 to 146,85: strong pervasive carbonatization of groundmass. 141,95-142.35 «CDPS» 146.15-146.85 «CDPS»	Trace of fine grained pyrite. Mineralisation is disseminated in groundmass and concentrated in fracture planes.	Moderate to good R.Q.D.
166.25 TO 170.89		"Pepper and salt" porphyritic massive intrusive rock. Medium grained groundmass is composed of biotite. 60 to 80% of porphyries (*5 mm): 50% of feldspar phenocrysts and 20% of quartz phenocrysts. Contains locally coarse blebs (*7 cm) of fine grained biotite. No foliation. \$\frac{167.20-167.90}{\pi} \pi_3, a \simeq \text{Intermediate Volcanic fine grained. Seems to contain elongated fragments or amygdules (*7). Dark gray groundmass contains trace to 1% of discontinuous veinlets and disseminated fine grained pyrite. Moderate foliation, \$\pi\$50 to CA. Sharp upper (60° to CA) and lower contact (no CA). \$\frac{170.16-170.89}{\pi_43,a}\$			Nil	Very good R.Q.D.

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PAGE: 3

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DRILL HOLE RECORD

DATE: 05/26/1995

FROM	ROCK		ANGLE	1	T	T
то	TYPE	TEXTURE AND STRUCTURE	TO CA		MINERALIZATION	REMARKS
		Intermediate Volcanic fine grained. Same as above. Sharp upper and lower contact, respectively @ 85° and 30° to CA.				
TO	<pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>	Pink massive intrusive rock. Groundmass is medium grained (<2 mm) and becomes porphyritic from 173,37 to 176,3 m with very coarse grains of feldspar (<8mm). Granitic rock is composed of about 70% of feldspar, 30% of quartz and trace of biotite. No foliation. Irregular sharp lower contact, no CA.	*		Trace of medium grained (s2 mm) cubic pyrite concentrated in fracture planes. 	Very good R.Q.D.
TO	<pre><3,a,m> Intermediat e Volcanic fine grained massive</pre>	Dark green fine grained volcanic rock. This unit is crosscut by thin granitic feldspar phyric dyke (50 cm) near lower contact. Sharp lower contact. @ 45° to CA.			Trace to 1% of disseminated fine to medium grained cubic pyrite.	Very good R.Q.D.
TO	<pre>#9,b,D,<gra>> Felsic Intrusive medium grained feldspar phyric granite</gra></pre>	Same as 170,89 to 183,26. Sharp lower contact, @ 25° to CA.			Trace of disseminated fine grained pyrite.	Very good R.Q.D.
189.00 TO 196.15		Same as 183,26 to 186,12. Moderate foliation, @ 45° to CA. Irregular sharp lower contact, no CA.	45°			Good R.Q.D.
TO	<pre><9,b,D,<gra>> Felsic Intrusive medium grained feldspar phyric granite</gra></pre>	Same as 170,89 to 183,25 m.				Good R.Q.D.

	BER: 95-30-06			DRILL HOLE RECORD		DATE: 05/26/1995	
FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS	
209.70	«EOH»						
TO	End-Of-Hole	•	i i		; 	}	
209.70	1		i i		1	¦	
	<u> </u>		i i			i	
HOLE NUME	BER: 95-30-06			DRILL HOLE RECORD		D BY: N. Dupras/C. Blanchet	PAGE: 5

Assays are Pending

FALCONBRIDGE LIMITED DRILL HOLE RECORD

HOLE NUMBER: 95-30-07

IMPERIAL UNITS:

GRID ASTRONOMIC AZIMUTH: 210° 0' 0"

ALTERNATE COORDS GRID:

NORTH: 0+ 0 EAST: 0+ 0 ELEV: 0.00

COLLAR DIP: -50° 0' 0" LENGTH OF THE HOLE: 258.47M START DEPTH: 0.00M

FINAL DEPTH: 258.47M

METRIC UNITS: X

DATE: 05/26/1995

COLLAR ASTRONOMIC AZIMUTH: 210° 0' 0*

PLOTTING COORDS GRID: COMINCO

NORTH:

EAST:

575.00N

4300.00W

ELEV: 3000.00

DATE STARTED: 03/15/1995 DATE COMPLETED: 03/20/1995 DATE LOGGED: 03/22/1995

PROJECT NAME: 8730

CLAIM NUMBER: 5098368

LOCATION: PERRON, RG 3, LOT 9

PROJECT NUMBER: 8730

COLLAR SURVEY: NO

RQD LOG: NO HOLE MAKES WATER: NO PULSE EM SURVEY: NO PLUGGED: NO HOLE SIZE: B.Q.

CONTRACTOR: BENOIT DRILLING CASING: LEFT IN HOLE CORE STORAGE: NORMETAL CORE SHACK

UTM COORD.:

COMMENTS . WEDGES AT:

DIRECTIONAL DATA:

Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
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DRILL HOLE RECORD

LOGGED BY: NORMAND DUPRAS

HOLE NUMBER: 95-30-02

DRILL HOLE RECORD

DATE: 05/26/1995

					21121 10,20,200
FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	MINERALIZATION	REMARKS
	<pre><!--08 * Casing Overburden</td--><td></td><td> </td><td></td><td></td></pre>				
10.00	<10,b,m> Diabase	Same texture and structure from top to bottom Same texture has been supported by the structure of the st		 Not visible	 Very good R.Q.D.
230.47	grained massive	trending North 220° similar to the one located about 200 metres to the east. Meduim grained with ophitic texture, moderately magnetic, locally carbonated. occasional horizons of epidote rich mineral (along small fractures), not foliated.			
		The control of the co	i		

HOLE NUMBER: 95-30-07

DRILL HOLE RECORD

LOGGED BY: NORMAND DUPRAS

HOLE NUMBER : 95-30-07 ASSAYS SHEET DATE: 26/05/1995 Sample From To Leng. Cu Zn Au Ag Pb Co Cu/Zn Ni (M) (M) (M) ppm ppm ppb ppm ppm ppm ppm ppm 00000 172.50 172.70 0.20 Pending 00042 216.00 216.20 0.20 | 00043 250.00 250.20 0.20

HOLE NUMBER: 95-30-07

ASSAYS SHEET

HOLE NUMBER : 95-30-07 GEOCHEMICAL ASSAY DATE: 26/05/1995 To Leng. SIO2 AL203 CAO MGO NA20 K20 FE203 TIO2 P205 MNO CR203 LOI SUM Y ZR BA RB SR Sample From SR CO2 CU NI CR FIELD CHEM ZN MILTA (M) ₹ PPM PPM PPM PPM ID Pending QB02118 172.50 172.70 0.20 # QB02119 216.00 216.20 0.20 | QB02120 250.00 250.20 0.20 QB02121 250.20 250.40 0.20

HOLE NUMBER: 95-30-07

GEOCHEMICAL ASSAY



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 1 of 3

Geochemical Analysis Certificate

5W-2138-RG1

Company:

FALCONBRIDGE LTD EXPL ROUYN

Date: MAY-08-95

Project:

732 Rouyn

Attn:

N. Dupras/M. L'Heureux

We hereby certify the following Geochemical Analysis of 79 Core samples submitted MAY-02-95 by C. Blanchet.

Samp I e	Au	Cu	Zn	Pb	Ag	Ni	
Number	PPB	PPM	PPM	PPM	PPB	PPM	
QB03590)	<2	35	116	6	0.1	38	
QB03591 ()	<2	43	107	32	0.2	25	
QB03591 QB03592 QB03592 QB03593	<2	35	100	9	0.2	32	
Consists ()	<2	7	7	6	0.1	16	
QB03594	<2		5	2	0.1	13	

QB03574\		3	18	62	1	0.1	17	
QB03575 \		<2	18	58	. 1	0.1	12	
QB03576		<2	14	62	1	0.1	19	
QB03577		Q	19	66	1	0.1	16	
QB03578		Q	217	50	1	0.1	17	
QB03579		3	106	25	1	0.1	25	
QB03580	-1	7	117	23	1	0.2	30	
QB03581	20-06	<2	63	26	1	0.2	23	
QB03582	95-30-06	3	22	44	1	0.1	29	
QB03583)	<2	25	54	4	0.1	15	
QB03584 /		<2	31	122	1	0.1	22	
QB03585		<2	15	50	14	0.2	29	
QB03586		<2	22	61	1	0.1	14	
QB03587		<2	59	271	23	0.1	23	
QB03588		7	50	1620	203	0.7	33	
QB03589/		<2	25	350	4	0.1	27	

Certified by

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

FALCONBRIDGE LTD. (ROUYN)

ATTN: N. DUPRAS PROJ: 8730 ROUYN

5W-0846-RG1

TSL/ASSAYERS Laboratories

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA, ONTARIO L4W-1/A4

PHONE #: (905)602-8236

FAX #: (905)206-0513

I.C.A.P. WHOLE ROCK ANALYSIS

Lithium MetaBorate Fusion

REPORT No. : M4912

File No. : MR3ORA

: MAR-31-1995

Oxides in % - Minors ppm

	1000000	2000	18	Subcroose		mercosco	20000000000	***************************************	***************************************		57550070000		100000000000		0000000000	~-	***********	
SAMPLE	and the second s	102	A1203	Fe203	CaO	MgO	Na20 K20	TiO2 MnO	P205 Cr203	Zr	Y	Cu	Zn	Ni	Co	L	OI TOTAL	S
		K	*	*	*	*	* *	8 8	* *	pp	m ppm	pps	a ppm	ppm	ppn	*	*	ppm
QB02074 \	63.	65	15.26	5.72	4.72	1.80	3,12 1,02	0.69 0.18	0.200.020	182	22	50	65	50	5	2.22	98.57 <	100
QB02075	64.	69	14.88	4.98	5.79	1.74	3.12 0.98	0.67 0.12	0.240.025	186	26	35	50	335	10		100.39 4	100
QB02076	67.	55	15.17	4.50	4.82	1.51	3.32 1.24	0.64 0.12	0.200.015	184	24	90	75	50	10		100.88 <	100
QB02077	70.	23	14.69	4.93	3.06	1.28	2.45 0.60	0.60 0.14	0.260.020	174	48	40	65	200	15	1.24		100
0802078	, 58.	93	16.42	6.18	7.99	2.60	2.28 0.80	0.71 0.19	0.100.015	270	26	20	70	40	10		100.40 4	100
1	95-30-04		12		8		Section Section 1						0-0745000000 0-07450000000	••		,,,,,,		
QB02079 /	63.	41	16.28	4.77	4.78	0.95	3.97 1.32	0.66 0.13	0.220.020	242	26	475	360	< 5	10	1.94	98.42 4	100
QB02080	76.	30	10.95	1.32	1.76	0.25	3.82 2.28	0.08 0.06	0.040.015	114	56	25	140	< 5	< 5	1.18	98.03	1900
QB02081	74.	65	12.78	1.52	1.88	0.57	2.14 3.92	0.06 0.04	0.040.020	112	76	15	100	60	< 5	1.89	99.49 (100
QB02082	78.	21	10.80	0.99	0.34	0.12	4.09 2.96	0.05 0.01	0.020.025	80	58	125	305	< 5	< 5	0.20	97.80 <	100
QB02083	76.	19	11.26	1.72	0.26	0.13	2.27 6.14	0.06 0.01	0.060.030	84	52	1020	200	280	< 5	0.16	***	200
			- 33					The second second		•						****		
QB02084	76.	64	13.02	1.62	0.62	0.44	4.56 2.98	0.06 0.03	0.020.020	114	80	50	60	320	< 5	0.76	100.76	100
QB02085	78.	62	10.81	0.72	0.12	0.29	0.41 7.36	0.27 0.02	0.060.030	264	36	25	10	800	< 5	0.65	99.34 <	100
QB02086	75.	23	11.22	1.33	2.05	0.80	3.75 1.68	0.29 0.04	0.060.020	266	46	10	45	325	< 5	2.20	98.65 (100
QB02087	76.	03	11.11	2.41	1.06	1.76	0.62 3.04	0.30 0.03	0.080.015	264	46	< 5	55	< 5	₹ 5	2.46	98.89 <	100
ово2088	62.	19	14.09	4.71	3.47	1.82	0.60 5.24	0.78 0.11	0.220.010	172	32	35	85	140	10	4.49	97.72 <	100
рво2089	59.	62	14.29	7.19	4.87	2.48	0.77 4.58	0.81 0.14	0.100.025	170	24	30	75	405	15	5.43	100.29 (100
B02090	63.	52	15.65	5.89	4.49	2.07	3.27 1.72	0.91 0.10	0.200.010	196	30	35	70	15	10		100.15 <	100
B02091	64.	32	15.47	3.02	2.29	1.35	0.31 9.80	0.71 0.07	0.220.015	180	20	35	30	365	5		100.42 (100
B02092	77.	01	8.21	3.20	2.42	1.77	1.11 1.18	0.23 0.08	0.040.020	192	32	5	35	35	< 5	3.03	98.29 (100
B02093	95-30-05 66.	32	15.71	5.11	1.14	2.07	2.51 3.88	0.89 0.06	0.160.015	180	28	35	35	375	15	3.10	100.94 <	100
B02094	58.	49	16.58	6.75	4.17	2.83	1.63 4.30	0.92 0.09	0.160.010	228	32	35	95	440	20	4.62	100.53 <	100
B02095	75.	00	11.68	4.07	1.85	1.53	2.60 1.76	0.25 0.04	0.040.030	194	50	55	475	20	5	2.07	100.89	9500
B02096	72.	60	12.24	1.24	3.38	0.38	4.88 1.30	0.06 0.09	0.040.015	98	60	30	70	< 5	< 5	3.19	99.38 <	100
B02097	79.	12	11.62	0.60	0.43	0.12	3.40 3.70	0.07 0.01	0.040.025	104	40	< 5	15	15	(5	0.60	99.71 (100
B02098	62.1	83	15.18	8.90	3.53	2.37	2.57 1.48	0.68 0.16	0.260.015	184	30	810	205	15	35	2.76	100.71 <	100
в02099	64.	16	15.22	6.74	4.75	1.50	2.58 1.64	0.72 0.19	0.220.020	188	26	80	70	775	10	2.66	100.68 <	100
B02100	68.	54	14.48	4.06	3.38	1.38	2.81 2.38	0.68 0.10	0.260.020	180	24	45	70	35	5		100.36 <	100
B02101	75.8	36	11.97	1.13	0.38	0.29	3.83 3.92	0.08 0.02	0.040.025	100	76	< 5	15	15	< 5	0.59	98.10 <	100
B02102	78.7	79	11.67	1.10	0.25	0.20	3.44 4.34	0.06 0.02	0.040.025	102	54	5	30	30	₹ 5		100.45 <	100
во2103	77.0	58	10.63	1.22	0.32	0.17	1.41 6.48	0.06 0.02	0.020.020	82	54	< 5	15	5	₹ 5	0.73	98.73 〈	100
B02104)	. 78.6	51	10.70	0.99	0.55	0.31	0.26 8.34	0.10 0.02	0.040.020	188	50	280	15	195	∢ 5	0.52	100.43 <	100
B02105	25-30-06 79.		10.75	2.19	1.59	1.47	2.40 1.20	0.11 0.07	<0.020.030	240	80	20	55	15	COOKS MANAGE		100.41 <	100
B02106	95-30 78.7		10.89	2.68	0.59	2.27	1.60 2.08	0.11 0.04	0.020.030	230	64	20	80	20	The second second		100.41 (
B02107	73.1		13.44	3.03	1.32	1.93	1.65 3.62	0.34 0.05	0.100.020	344	60	5	And Table 1 And Table 2 And Table 2	15	< 5 < 5			100
B02108	73.1		12.35	4.07	2.44	1.43	0.75 4.78	0.40 0.09	0.100.020	282	48	10	85 50	10	-		100.24 <	100
,		20	10.00	Cit - Control	2.77		J. 7.3 25.73	0.40 0.09	0.100.020	202	45	10	50	10	10-00-00-00-00-00-00-00-00-00-00-00-00-0	1.07	100.62	100

SIGNED

Sand

TSL/ASSAYERS Laboratories

FALCONBRIDGE LTD. (ROUYN)

ATTN: N. DUPRAS PROJ: 8730 ROUYN

5W-0846-RG1

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA, ONTARIO

PHONE #: (905)602-8236

FAX #: (905)206-0513

I.C.A.P. WHOLE ROCK ANALYSIS

Lithium MetaBorate Fusion

REPORT No. : M4912

Page No. : 2 of 2 File No. : MR30RA

Date : MAR-31-1995

Oxides in % - Minors ppm

SAMPLE #	sio2 *	A1203	Fe203	CaO %	MgO %	Na20	K20	TiO2 MnO % %	P2O5 Cr2O3	Zr	20000000000000000000000000000000000000	Cu	HONOR OF THE SERVICE S	N1 ppm	Co PPm	Lo %	OI TOTAL	S ppm
2109	70.95	12.59	5.71	2.21	2.15	1.21	3.06	0.46 0.16	0.100.015	292	20	10		25		1 46	100.05	400
2110	72.49	12.78	4.31	1.63	2.59	1.00	3.26	0.44 0.07	0.120.015	304	38 40	5	55 60	10	< 5		100.05	2500
2111	62.12		6.15	3.46	3.14	3.97	1.94	0.67 0.06	0.220.020	166	24	10	60	45	15		98.07 <	100
2112 95-30	77.51		3.60	0.68	1.50	1.49	3.86	0.39 0.04	0.060.020	264	34	10	80	15			100.93	5900
2113 7		11.38	3.13	0.33	1.54	1.15	3.54	0.45 0.03	0.060.025	252	32	25	65	10			98.65	2200
2114		14.92	4.42	3.46	2.60	4.53	2.12	0.43 0.07	0.180.030	98	14	5	85	50	10	0.92	100.45 <	100
2115		14.04	1.22	1.19	0.29	5.22	3.14	0.07 0.02	0.040.020	54	6	100	15	25	< 5	0.58	100.32	2000
2116	48.50			11.57	5.13	2.67	0.58	1.06 0.23	0.260.030	52	22	75	85	80	40	1.94	98.34	2300
2117	74.08	13.62	0.98	1.14	0.21	4.67	3.88	0.04 0.02	0.020.020	58		10	15	5	< 5	0.22	98.88 <	100
2118	51.94	12.27	14.50	8.02	5.30	3.39	1.02	1.85 0.19	0.160.030	104	28	170	70	90	45	1.55	100.18	900
95-30-07	50.94		11.60	9.32	6.27	2.55	1.28	0.93 0.17	0.120.035	66	16	175	50	120	40	1.73	98.95	300
2120 }	51.35	14.79	12.20	9.28	5.76	2.94	1.24	1.00 0.18	0.140.025	74	18	100	75	85	40	1.66	100.54	500
100				400 400 -			p. 100 miles							8				2000
				*			1,000,000,000						<u></u>	ä				500



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 3 of 3

Geochemical Analysis Certificate

5W-2350-RG1

Company:

FALCONBRIDGE LTD EXPL ROUYN

Date: MAY-26-95

Project:

28 (Rouyn)

M. L'Heureux Attn:

We hereby certify the following Geochemical Analysis of 72 Core samples submitted MAY-23-95 by .

Sample Number		Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni P P M	
QB03889)	<2	38	376	31	0.3	24	
QB03890		<2	31	87	1	0.1	27	
QB03891		<2	35	48	1	0.2	25	
QB03892	1 2- 28-12	<2	33	65	1	0.1	35	
QB03893	95-28-12	10	55	29	8	0.9	85	
QB03894		7	67	187	84	0.4	26	
QB03895		<2	34	84	7	0.3	20	
QB03896 /		<2	43	73	1	0.2	21	
QB03897 ~		<2	50	82	3	0.3	34	
QB03898	95-28-13	<2	71	58	1	0.2	107	
	-13	<2	74	46	1	0.1	167	
QB03900)		<2	73	33	1	0.1	72	

Certified by

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

FAX (705)642-3300



Established 1928

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 3 of 3

Geochemical Analysis Certificate

5W-2350-RG1

Company:

FALCONBRIDGE LTD EXPL ROUYN

Date: MAY-26-95

Project:

28 (Rouyn)

Attn:

M. L'Heureux

We hereby certify the following Geochemical Analysis of 72 Core samples submitted MAY-23-95 by .

Sample Number		Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	
QB03889		<2	38	376	31	0.3	24	
QB03890		<2	31	87	1	0.1	27	
OB03891	•	<2	35	48	1	0.2	25	
QB03892	- 20-12	<2	33	65	1	0.1	35	
QB03893	195-28-12	10	55	29	8	0.9	85	
QB03894		7	67	187	84	0.4	26	
QB03895		<2	34	84	7	0.3	20	
QB03896		<2	43	73	1	0.2	21	

						V. 1	314
QB03879 ⁻	1	<2	32	68	2	0.2	26
QB03880	1	<2	32	73	2	0.2	27
QB03881		3	25	65	1	0.1	21
QB03882	1	7	38	69	2	0.1	25
QB03883	1	<2	35	70	1	0.1	22
QB03884	95-28-12	<2	38	67	1	0.1	26
6502002	} 95 00	<2	29	64	1	0.1	20
QB03886		17	32	86	1	0.1	20
QB03887		<2	32	74	1	0.1	25
QB03888		<2	35	167	2	0.2	26

Certified by_

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

TSL/ASSAYERS Laboratories

FALCONBRIDGE EXPLORATION LTD. ROUYN

ATTN: M. L'HEUREUX

PROJ: 28(ROUYN)

5W-2351-RG1

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA, ORTARIO LAW-184

PHONE #: (905)602-8236 FRX #: (905)206-0513

I.C.A.P. WHOLE ROCK ANALYSIS

Lithium MetaBorate Fusion

REPORT No. : M5206

Date

Page No. : 1 of 2 File No. : MY26RA

Oxides in % - Minors ppm

: MAY-26-1995

(i)	51-RGI													Oxide	s in t -	Minor	e ppm
i.																	
Sampi	LB #	\$102	Al203 Pe203	CaO MgO	Na20 R20	TIO2 PMO	P205 Cr203	Zr PP	Y ppw	Cv PE	ı İn	Ni PP	Co ppe	3	OI TOTA		opm .
0B02464)	62.88	14.34 4.38	3.60 1.75	1.57 4.92	0.48 0.09	0.200.045	144	16	10	- 60	< 5	15	4 27	100.50	100	4
802465	1	61.34	13.64 4.21	3.37 2.14	0.52 4.88	0.47 0.08	0.200.035	132	12	20	65	< 5	10	6.86		3	1000
B02466		69.18	12.76 3.69	1.54 1.06	0.62 5:54	0.38 0.07	0.120.035	240	32	10	40	10	(5	4.15			00.00
802467	1	68.85	12.39 3.62	2.40 1.38	0.90 5.14	0.38 0.04	0.120.055	228	28	5	40	< 5	5	4.93	*****		200
B02468	1	67:28	12.98 3.23	2.20 1.36	1.05 5.06	0.36 0.05	0.120.080	208	32	< 5	35	< 5	5	4.75			5.50
	1	100				41.41.44	1.0702	400		, ,				5	2000	. 200	235
802469	1	68.44	12.55 3.66	2.86 1.56	1.57 3.58	0.37 0.06	0.120.030	202	36	10	40	< 5	(5	5.67	100.41	100	337
802470	1 411	47.57	14.65 9.22	6.00 4.14	2.28 1.44	1.11 0.18	0.220:025	110	20	50	65	35	35		100.74	100	400,400
802471	95.28-11	47.90	16.00 7.09	7.08 3.33	3.05 0.68	0.62 0.16	0.160.035	92	14	60	130	80	200 0000	12.03	All and All and	200	100000
802472	1-1.	53.89	15.42 6.97	6.98 4.55	2.46 0.72	0.62 0.11	0.140.040	84	16	65	50	100	- 10 to 10 10 10		100.53		1600
802473		51.11	15.16 6.77	8.43 3.47	1.90 0.92	0.57 0.11	0.140,040	90	214	15	60	85			100.49		4.50
		25,5005				WW.759	March 1		Service of				granting.	-	33.377.0		350
802474		47.13	13.31 9.74	9.82 2.93	1.67 0.56	1.01 0.27	0.200.055	96	314	45	80	90	35	14.00	100.63	100	97.5
B02475		45.55	12.78 10.02	8.07 6.10	1.36 0.58	1.13 0.14	0.180.055	92	22	100	70	80	25	13.82	99.72	100	23
B02476		49.75	14.17 8.35	8.19 2.76	1.48 1.02	1.02 0.20	0.220.070	102	16	35	65	105	4.4		100.09		25
e02477	1	53.96	15.59 6.98	6.14 1.94	2.04 0.70	0.66 0.13	0.180:060	94	1.6	35	60	105	25	10.13	98.45	100	320
802478	/	40.42	8.01 12.45	6.67 17.69	0.08 0.04	0.41 0.21	0.100.140	36	10	45	95	725		14.36	100.42	100	1
B02479	1	49.59	14.45 11.45	7.07 4.02	0.61 0.22	1.07 0.21	0.240.095	112	*24	50	110	145	2.1.0	11 51	100.44	100	*3
B02480		54.75	15.17 5.32	7.29 2.32	2.27 0.84	1.13 0.10	0.300.075	112	16	20	65	65	5.4		100.64	100	100
802481	10018-10	57.59	15.33 4.18	6.37 2.01	2.43 0.88	1.18 0.08	0.240,060	106	16	50	55	125		9.17	7.55	100	1,250
802482	17500	51.36	13.89 8.88	6.10 7.93	3.54 0.04	0.76 0.14	0.160.060	90	12	30	65	230	35	7.92	W. W. W	100	200
802483	3	41.51	9.10 11.16	5.63 17.84	0.17 (0.02	0.35 0.17	0.080:150	34		15	65	660	**,***	13.62	4 4 Ca. 10		2.000
,	,	STATE OF					Maryark	٠.				000	1.10		38.78 Sale	100	200
804030	1	53.22	10.80 8.88	4.85 13.16	2.63 1.98	0.49 0.13	0.180.190	70	.16	45	85	355	40	2.78	99.11	500	553
804031		68.96	14.57 3.17	2.26 1.56	4.56 2.40	0.29 0.05	0.120:090	114	14	70	75	10	10	1.63		2700	- 955Fy
804032		71.25	14.23 2.07	1.46 0.71	4.98 2.18	0.26 0.03	0.060.160	172	28	20	110	< 5	10	1.18	98.41	100	1
B04033	1 78-12	74.46	14.03 2.28	1.04 0.90	3.65 2.60	0.08 0.03	0.060,125	102	66	10	195	4 5	5	1.16	100.29	800	
804034	95-28-12	63.27	17.88 5.40	2.57 1.87	3.14 2.16	0.76 0.07	0.440.055	224	26	30	135	15	15	2.12	99.66	800	33
804035	1		2000.0				300000										100
804036	1 3		15.74 9.51	2.66 2.65	2.47 1.26	0.68 0.30	0.140.115	188	24	40	265	10	20		100.71	5100	250
04035	3		15.55 19.71	5.56 4.32	0.56 4.38	0.72 1.19	0.140.040	184	28	10	70	15	25		100.74	100	49
04037	2		15.69 3.22	1.46 1.90	2.28 3.12	0.57 0.07	0.140.075	304	42	5	65	10	10		100.65		1,400
04039	1		15.33 6.47	1.95 3.51	3.06 4.58	0.68. 0.05		164	26	15	80	15	20		100.19	100	100
104037	3	62.44	15.89 6.73	3.98 2.70	3.41 3.24	0.71 0.08	0.240.070	168	26	25	89	30	20	1.25	100.64	100	100
04040	5	60.04	12 72 66 62	4 42 9 9 6	XIII N							_					2.3
	2 12	and the first time	12.73 6.87	4.43 2.65	0.75 5.62	0.86 0.14	40.00.00.00	150	32	10	10	5	15	3.93	98.29		27
04042	95-18-13		14.22 3.76	2.13 1.27	2.67 2.46	0.49 0.05		198	44	30	60	15	5	3.10	98:39	300	20
104042	1, -		16.02 6.38	8.38 3.91	2.46 0.54	0.55 0.12	0.140.045	82	10	20	40	115	25		100.58	100	1
A C PUPLE	14	57.20	15.58 10,22	5.75 4.63	3.49 0.66	0.59 0.10	0.140.035	76	14	350	30	105	35	7 75	100.71 4	100	Sec. 36.
304044	10	58.04	16.65 4.03	7.12 5.80	4.47 1.08	0.61 0.07	0.120.035	88	10	20	25	55	10		100.95		100