



HOLE NUMBER: COL-12

## DRILL HOLE RECORD

DATE: 03/24/1998

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 3.00	«CAS»					
3.00 TO 42.40	«2m,p»	<p>Mafic Volcanic -- Unit is predominately massive mafic volcanics with some discreet, narrow pillow margins; common discreet narrow (1-4cm) shear bands +/- calcite +/- sulphide (po,cpy) usually @ 0-20CA. Unit is typically fine to locally medium grained, pale to medium green, with some fine fracture and weakly developed in-situ bx'n.</p> <p>3.0-11.8m: medium to dark green, medium grained, massive uniform mafic volcanic flow; weak to non-magnetic; some narrow calcite veins @ 5 CA; hosts broken blocken (@ 5 CA) weathered rusty section with sulphides (8.1-8.8m).</p> <p>11.8-42.4: common narrow fracture/bx bands @ 0-20 CA and intra-flow, -pillow material; fine, isolated 2-3mm po,cpy blebs common throughout bands.</p>		<p>Common chlorite developed along discreet shear bands and filling fine fractures;</p> <p>Some calcite vein(lets) occur throughout unit.</p> <p>Some discreet white to grungly, dirty 1-2cm calcite/carbonate veins @ 0-20 CA.</p>	<p>Po, cpy as small, isolated blebs and aggregates upto 5mm in fractures and shear bands and in calcite vein(lets); also occur in intra-flow, -pillow material.</p> <p>7.3-8.1: tr-1% po as 6-8mm blebs in calcite vein @ 0-5CA.</p> <p>8.1-9.0: 2-5% po,sph,gal as 2-5mm grains and aggregates in fracture band @ 0-5CA; po locally semi-massive over 6cm (8.9m); sph,gal as small (2-3mm) blebs along margins of calcite vein.</p> <p>10.4-10.7m: 5% po,cpy,sph associated with calcite partings in 20cm wide fracture/bx band @ 10CA.</p> <p>13.3-13.6: 1% cpy,po as fine grains in dirty fracture/bx intraflow band.</p> <p>17.7-18.3: 1-2% po,cpy as fine grains associated with calcite in dirty fracture/bx shear band.</p> <p>19.0-19.6: 1-2% po,cpy as 2-4mm blebs in dirty discreet bx carb veins @ 10CA.</p> <p>20.7-21.2: 2-3% po,cpy as 2-5mm blebs and aggregates in dirty carb veins</p>	<p>AT09028 AT07644 WRA</p> <p>AT09029 AT09030</p> <p>AT09031 AT09032 AT09033</p> <p>AT09034</p> <p>AT09035</p> <p>AT09036</p> <p>AT09037</p> <p>AT09039</p> <p>AT09040</p> <p>AT09041</p>

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
55.80 TO 86.70	«2m»	contact @ 20CA.			49.4-50.6f «20% po,cpy/1.2m» : 20% po,cpy in intensely bx'd/sheared black chert; po as large 1x2cm massive, oblong blebs; cpy as fine 1-3mm grains in flow banding of bx matrix.	AT06422 AT06423 AT06424 AT06425
		50.8-55.8: gradual decrease in porportion of fracture/bx bands -- from 60% to 52m to <5% at 55m. Bands becoming very narrow and discreet in massive, fine grained mafic volcanic.			50.6-51.9: 1-3% po,cpy as isolated 1-3mm blebs/grains in last of grungy bx matrix and as late fracture fills.	AT06426 AT06427
		Massive Mafic Volcanics -- fine to medium grained, pale to medium green, locally more medium grained and mottled; fine, discreet chloritic fractures throughout as well as fine (1-3mm) calcite veinlets @ 20-40 CA.		Low density of calcite veinlets throughout. Mottled, slightly altered portions, also some more finer, siliceous bands.	trace po as fine 1-2mm grains in calcite veinlets.	AT06428 AT07647 WRA
		69.5-69.9: massive, creamy pale green flow contact?, sediment?.			60.8m: galana in 2mm calcite veinlet @ 40 CA.	
		62.8-82.9: very fine grained, pale green, mottled, with common fracture/in situ bx sections as discreet bands and veins with angular fragments and black matrix.			66.9-67.2m: 1-2% po,cpy as fine disseminations in disrupted, dirty carbonate band with indiscreet contacts.	AT06429
		82.9-86.7: mostly medium grained, uniform diabasic/thick flow sections; some internal banding @ 30-40 CA.	30-40		80.3-80.7: 3% cpy,po as large semi-massive aggregate 1x3cm in bx/fracture band @ 10 CA.	AT06430
		Downhole contact marked by flow top (?) bx in sharp contact @ 0-5 CA with medium grained uniform flow.	0-5 CA			

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DATE: 03/24/1998

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
86.70 TO 123.60	«2,S»	Mafic Volcanic -- series of thin flows similar to above units but flows are fine to very fine grained, and pale green. Intraflow material is more common and typically occurs as well developed insitu bx with black very fine matrix. Matrix often has a flow texture. Also common fracture/bx bands and veins are irregular orientation throughout flows.		Unit is pervasively bleached to a pale to medium green colour.	some po,cpy as small blebs in carbonate veinlets.	
					91.9-91.8: 2-4% po as blebs and disseminations in flow matrix and coating fine fractures.	AT06431
					97.0-97.7: 3-5% po as blebs and fine disseminations in 1cm bx bands @ 30 CA, as fracture coatings, and as 6-8mm semi-massive band @ 5 CA.	AT06432 AT06433
					98.9-105.4: trace-4% po as blebs usually associated with carbonate in fractures coatings and fracture/bx bands.	AT06434 AT06435 AT06436 AT06437 AT06438 AT06439 AT06440 AT06441 AT06442 AT06443 AT06444 AT06445
					107.6-108.2: 3% py as large euhedral cubes in narrow quartz veins @ 20 CA	AT06446
					108.2-108.7: 2% py,po as fine disseminations and blebs in carboante band @ 80 CA.	AT06447
					109.4-110.4: 1% py,po as massive fracture fills in 2mm carb and chlorite fractures @ 10-20 CA.	AT06448 AT06449
		Downhole contact sharp with underlying argillite @ 50 CA.			AT06450	

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DATE: 03/24/1998

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
123.60 TO 127.80	«5(g)»	Argillite with graphitic portions -- Unit is mostly black argillite, moderately conductive with some but not pervasive graphitic partings; some semi-massive po portions with cpy specks throughout; argillite is interbedded with fine mafic volcanic which comprise about 40% of the unit; strong fracturing throughout, most noticeable in volcanic portions.				<p>123.6-123.9: 10% po as semi-massive 1-2cm wide, swirling bands @ 40 &amp; 5 CA in black argillite. Carb association.</p> <p>123.9-124.3: 2-3% po as fine blebs and disseminations in argillite beds and in matrix to bx with volcanic fragments.</p> <p>124.3-124.6: 35% po, 1% cpy as several massive bands @ 45 CA in volcanic/argillite bx; calcite fills some of bx matrix.</p> <p>124.6-125.2: 4% po as blebs in fractures and stringers in calcite veins in black argillite.</p> <p>125.2-125.9: 1-2% po in fractures in mafic volcanic section.</p> <p>125.9-126.4: 8-10% po as 1cm massive bands associated with carbonate @ 30 &amp; 80 CA in black massive argillite.</p> <p>126.4-127.1: 1-3% fine po as fracture filling often associated with calcite in mafic volcanic section.</p> <p>127.1-127.7: 3-4% po as fine blebs in fractures in predominately massive black argillite section.</p> <p>127.7-127.8: 1-2% po as fine blebs and disseminations in ground, muddy black argillite, very poor core recovery.</p>
127.80 TO 175.00	«2m»	Massive Mafic Volcanic -- fine grained, medium green, generally massive, relatively uniform lava with common late, discreet, 5-10mm calcite veins throughout unit @ various CA's. Some narrow (10-15cm) disrupted sections with carbonate; some				

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## DRILL HOLE RECORD

DATE: 03/24/1998

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		narrow interflow siltstone beds @ 40 CA.				
		131.1-131.6: dirty looking carbonate shear/bx band @ 10 CA with some quartz/chert fragments.				
		133.7-134.4: carbonate bands with sulphides (cpy) along margins of 25cm wide siltstone bed.				
		134.5-142.5: amygdaloidal flow? -- pale volcanics start to host 5-10% 1cm roundish amygdales (?) throughout.				
		142.5-175.0: massive, pale, very fine grained (intermediate?) volcanics with 10% calcite vein(lets) throughout.				
		156.0-156.6: medium grained mafic dyke with sharp contacts and chill margins @ 30-40 CA.				
		163.0-170.5: pillow margins(?) in 3 or 4 sections.				
175.00 TO 175.00	«EOH»					
					127.8-128.2: 2-3% po as fracture fills and massive blebs in mafic volcanics.	AT07559
					133.9-134.4: 3% po, tr-1% cpy as fine disseminations and grains filling calcite fractures along lower margin of siltstone bed.	AT07460
						AT07649 WRA

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## ASSAYS SHEET

DATE: 24/03/1998

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Au ppb	Ag ppm	Cu/Zn	Co ppm	Pt ppb	Pd ppb	S %	Se ppm	As ppm	Hg ppb	Sb ppm	Bi ppm	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments
AT09028	7.00	7.30	0.30	500	14900	13200	46	10	5.1		139			1.57		186										
AT09029	7.30	7.70	0.40	274	3960	6120	47	7	2.2		116			0.66		138										
AT09030	7.70	8.10	0.40	2620	7370	4010	49	7	5.0		137			1.31		170										
AT09031	8.10	8.40	0.30	1030	>20000	10200	186	5	10.4		356			7.25		399										
AT09032	8.40	8.70	0.30	831	>20000	12400	357	55	10.8		539			17.7		440										
AT09033	8.70	9.00	0.30	620	14600	6280	238	31	5.3		282			8.84		166										
AT09034	9.00	9.30	0.30	550	9690	3770	57	<2	3.2		91			1.38		90										
AT09035	10.10	10.40	0.30	111	169	61	71	7	0.2		60			<0.01		78										
AT09036	10.40	10.70	0.30	173	105	24	86	<2	0.3		23			<0.01		<5										
AT09037	10.70	11.00	0.30	25	73	8	44	3	0.1		21			<0.01		<5										
AT09038	13.30	13.60	0.30	128	205	77	72	14	0.4		37			0.10		17										
AT09039	17.70	18.30	0.60	118	114	18	76	7	0.3		33			0.29		<5										
AT09040	19.00	19.60	0.60	288	176	17	74	7	0.5		36			0.21		7										
AT09041	20.70	21.20	0.50	744	341	71	84	7	1.6		39			0.21		13										
AT09042	28.30	28.60	0.30	431	146	15	73	10	0.5		42			0.38		20										
AT09043	33.50	34.30	0.80	559	64	6	71	10	0.5		24			0.21		<5										
AT09044	42.40	43.20	0.80	269	71	1	60	7	0.2		41			0.16		40										
AT09045	43.20	43.80	0.60	191	52	1	51	3	0.2		36			0.27		25										
AT09046	43.80	44.40	0.60	110	59	1	47	<2	0.1		29			0.51		<5										
AT09047	44.40	45.40	1.00	129	623	37	76	<2	0.3		37			0.32		31										
AT09048	45.40	46.40	1.00	329	962	20	75	<2	0.4		86			0.32		133										
AT09049	46.40	47.40	1.00	82	91	3	73	<2	0.1		74			0.25		113										
AT09050	47.40	48.30	0.90	200	291	1	52	<2	0.2		35			0.18		41										
AT06420	48.30	48.60	0.30	94	159	3	51	<2	0.1		42			0.42		47										
AT06421	48.60	49.40	0.80	749	53	6	55	<2	0.5		41			2.22		<5										
AT06422	49.40	49.70	0.30	299	27	13	124	3	1.0		144			10.6		<5										
AT06423	49.70	50.00	0.30	180	11	15	200	<2	1.2		202			15.8		<5										
AT06424	50.00	50.30	0.30	595	13	12	111	<2	1.0		123			9.07		<5										
AT06425	50.30	50.60	0.30	4850	139	1	85	<2	2.1		94			7.67		<5										
AT06426	50.60	50.90	0.30	1310	90	1	59	<2	0.7		47			2.27		16										
AT06427	50.90	51.90	1.00	183	71	3	67	10	0.2		43			0.82		17										
AT06428	51.90	52.40	0.50	108	76	1	72	2	0.1		31			0.21		15										
AT06429	66.90	67.20	0.30	1710	3270	202	57	27	1.8		33			0.59		<5										
AT06430	80.30	80.70	0.40	195	63	3	122	<2	0.2		73			1.49		<5										
AT06431	91.90	92.80	0.90	181	143	2	101	<2	0.1		45			0.69		<5										
AT06432	97.00	97.40	0.40	113	52	1	66	<2	0.1		37			0.40		<5										
AT06433	97.40	97.70	0.30	289	81	2	78	<2	0.1		48			0.79		<5										
AT06434	98.90	99.50	0.60	97	53	2	102	<2	0.1		41			0.64		<5										
AT06435	99.50	100.50	1.00	158	171	1	95	<2	0.1		45			0.66		10										
AT06436	100.50	101.10	0.60	285	223	4	79	<2	0.2		45			0.64		14										
AT06437	101.10	101.50	0.40	99	38	3	163	<2	0.2		75			1.47		13										
AT06438	101.50	101.90	0.40	325	271	10	143	<2	0.3		69			1.64		<5										
AT06439	101.90	102.40	0.50	153	98	3	74	<2	0.2		49			0.36		34										
AT06440	102.40	103.10	0.70	37	69	1	67	<2	0.1		51			0.20		62										
AT06441	103.10	103.40	0.30	201	344	2	69	<2	0.2		45			0.66		14										
AT06442	103.40	103.80	0.40	147	312	6	88	7	0.2		55			0.73		27										
AT06443	103.80	104.40	0.60	44	57	1	63	3	0.1		42			0.17		43										

check footages

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ASSAYS SHEET

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## ASSAYS SHEET

DATE: 24/03/1998

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Au ppb	Ag ppm	Cu/Zn	Co ppm	Pt ppb	Pd ppb	S %	Se ppm	As ppm	Hg ppb	Sb ppm	Bi ppm	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments	
AT06444	104.40	104.70	0.30	135	155	4	77	7	0.3		43			0.52		21											
AT06445	104.70	105.40	0.70	123	147	4	68	3	0.3		34			0.12		23											
AT06446	107.60	108.20	0.60	121	82	7	98	<2	0.4		51			0.75		8											
AT06447	108.20	108.70	0.50	239	59	1	56	<2	0.6		30			0.27		12											
AT06448	109.40	110.00	0.60	151	37	2	126	<2	0.6		57			1.22		<5											
AT06449	110.00	110.40	0.40	83	24	18	64	<2	0.7		31			0.34		11											
AT06450	123.00	123.60	0.60	120	106	3	75	3	0.2		35			2.00		31											
AT07451	123.60	123.90	0.30	490	1700	31	169	14	1.3		73			12.6		336											
AT07452	123.90	124.30	0.40	321	980	10	81	<2	0.5		32			4.89		77											
AT07453	124.30	124.60	0.30	875	1820	38	260	24	1.9		81			19.7		117											
AT07454	124.60	125.20	0.60	209	3520	21	84	<2	0.7		44			5.23		36											
AT07455	125.20	125.90	0.70	131	215	3	58	<2	0.2		35			2.44		62											
AT07456	125.90	126.40	0.50	291	5280	30	120	21	0.8		59			6.85		186											
AT07457	126.40	127.10	0.70	460	579	9	67	3	0.3		28			3.70		13											
AT07458	127.10	127.80	0.70	211	3390	66	91	<2	0.9		45			5.28		183											
AT07459	127.80	128.20	0.40	89	77	1	48	<2	0.1		38			1.54		38											
AT07460	133.90	134.40	0.50	308	217	1	26	<2	0.2		45			2.15		<5											

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ASSAYS SHEET

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GEOCHEMICAL ASSAY

DATE: 24/03/1998

Sample	From (M)	To (M)	Leg. (M)	SI02 %	AL2O3 %	CAO %	MGO %	NA2O %	K2O %	FE2O3 %	TIO2 %	P2O5 %	MNO %	CR2O3 %	LOI %	SUM %	Y PPM	ZR PPM	BA PPM	CU PPM	ZN PPM	NI PPM	CR PPM	FIELD NAME	CHEM ID	ALUM	
AT07644	4.00	5.00	1.00													0.00											*****
AT07645	22.00	23.00	1.00													0.00											*****
AT07646	49.00	49.50	0.50													0.00											*****
AT07647	64.00	65.00	1.00													0.00											*****
AT07648	98.00	99.00	1.00													0.00											*****
AT07649	161.00	162.00	1.00													0.00											*****

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GEOCHEMICAL ASSAYS

DATE: 24/03/199

Sample	From (M)	To (M)	Leng. (M)	RB PPM	SR PPM	CO2 %	AG PPM	AU PPB	CO PPM	PB PPM	S PPM	V PPM	AS PPM	SN PPM	CD PPM	SB PPM	BI PPM	SE PPM	HF PPM	TA PPH	W PPM	MO PPM	TH PPM	U PPM	B PPM	CS PPM	LA PPM	CE PPM	ND PPM		
AT07644	4.00	5.00	1.00																												
AT07645	22.00	23.00	1.00																												
AT07646	49.00	49.50	0.50																												
AT07647	64.00	65.00	1.00																												
AT07648	98.00	99.00	1.00																												
AT07649	161.00	162.00	1.00																												

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GEOCHEMICAL ASSAYS

DATE: 24/03/199.

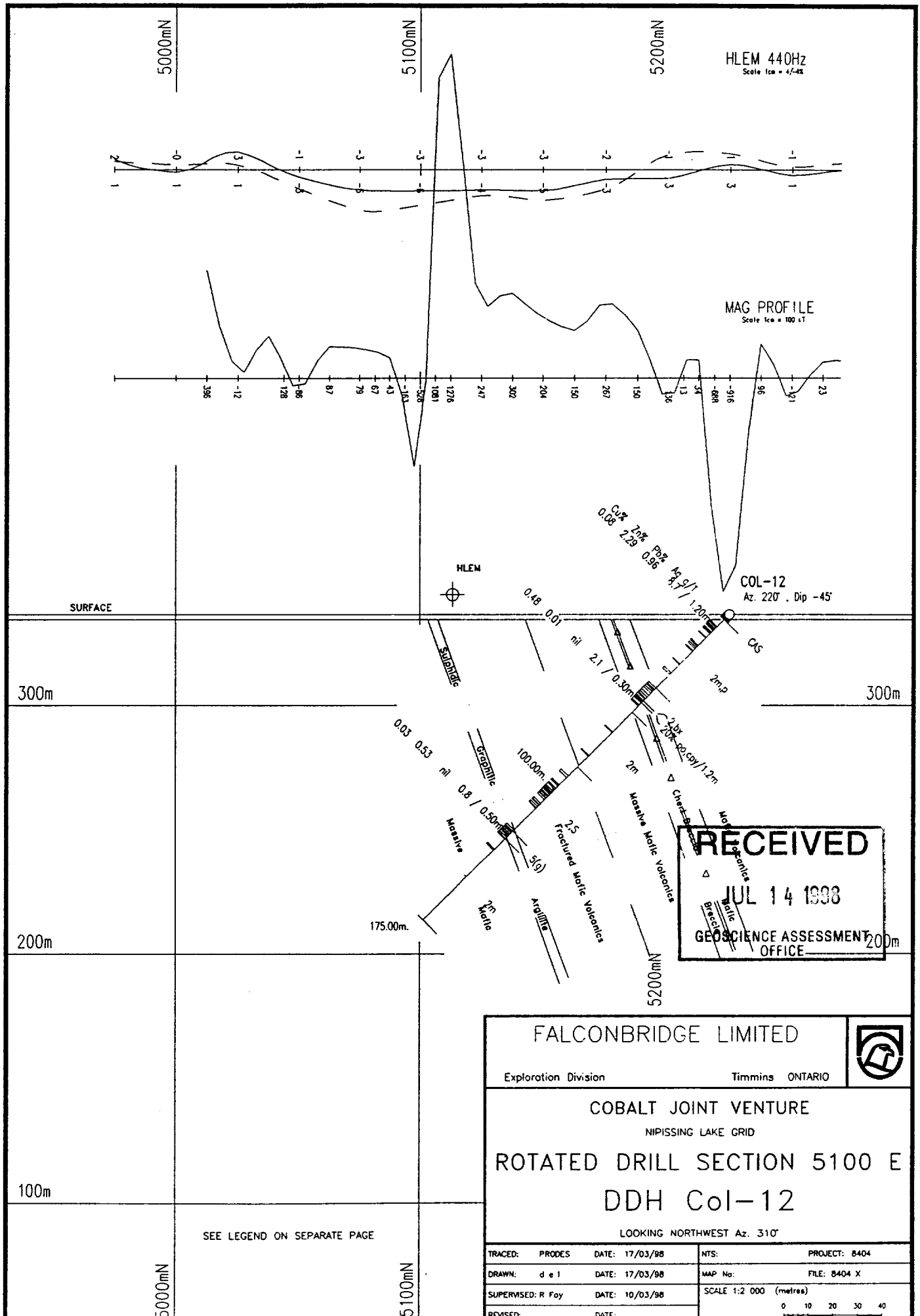
Sample	From (M)	To (M)	Leng. (M)	SM PPM	EU PPM	GD PPM	DY PPM	ER PPM	LU PPM	OS PPB	IR PPB	RU PPB	RH PPB	PT PPB	PD PPB	LI PPM	BE PPM	MN PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	MGOW	CA/AL	NI/MGO	ISHIKW	ZN/NA2	
AT07644	4.00	5.00	1.00																						*****	*****	*****	*****	*****	
AT07645	22.00	23.00	1.00																							*****	*****	*****	*****	*****
AT07646	49.00	49.50	0.50																							*****	*****	*****	*****	*****
AT07647	64.00	65.00	1.00																							*****	*****	*****	*****	*****
AT07648	98.00	99.00	1.00																							*****	*****	*****	*****	*****
AT07649	161.00	162.00	1.00																							*****	*****	*****	*****	*****

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GEOCHEMICAL ASSAYS

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SEE LEGEND ON SEPARATE PAGE

<b>FALCONBRIDGE LIMITED</b>		
Exploration Division	Timmins ONTARIO	
<b>COBALT JOINT VENTURE</b> NIPISSING LAKE GRID <b>ROTATED DRILL SECTION 5100 E</b> <b>DDH Col-12</b> LOOKING NORTHWEST Az. 310°		
TRACED: PRODES	DATE: 17/03/98	NTS: PROJECT: 8404
DRAWN: d e l	DATE: 17/03/98	MAP No: FILE: 8404 X
SUPERVISED: R Foy	DATE: 10/03/98	SCALE 1:2 000 (metres)
REVISED: DATE:		0 10 20 30 40 

<b>CALCULATION OF WEIGHTED AVERAGE</b>										
<b>FOR ASSAYS</b>										
<b>HOLE NO. : COL-12</b>										
<b>SAMPLE NUMBER</b>	<b>LENGTH m</b>	<b>Cu ppm</b>	<b>Zn ppm</b>	<b>Pb ppm</b>	<b>Ag g/t</b>	<b>Au ppb</b>	<b>Ni ppm</b>	<b>Co ppm</b>	<b>S %</b>	<b>As ppm</b>
AT07451	0.3	490	1700	31	1.3	14	169	73	12.6	336
	0.4	321	980	10	0.5	0	81	32	4.89	77
	0.3	875	1820	38	1.9	24	260	81	19.7	117
	0.6	209	3520	21	0.7	0	84	44	5.23	36
	0.7	131	215	3	0.2	0	58	35	2.44	62
	0.5	291	5280	30	0.8	21	120	59	6.85	186
	0.7	460	579	9	0.3	3	67	28	3.7	13
7458	0.7	211	3390	66	0.9	0	91	45	5.28	38
123.6 To 127.8m	<b>4.2</b>	<b>326</b>	<b>2174</b>	<b>25</b>	<b>0.70</b>	<b>5.71</b>	<b>101</b>	<b>45</b>	<b>6.24</b>	<b>86</b>
<b>SAMPLE NUMBER</b>	<b>LENGTH m</b>	<b>Cu ppm</b>	<b>Zn ppm</b>	<b>Pb ppm</b>	<b>Ag g/t</b>	<b>Au ppb</b>	<b>Ni ppm</b>	<b>Co ppm</b>	<b>S %</b>	<b>As ppm</b>
AT09028	0.3	500	14900	13200	5.1	10	46	139	1.57	186
	0.4	274	3960	6120	2.2	7	47	116	0.66	138
	0.4	2620	7370	4010	5	7	49	137	1.31	170
	0.3	1030	28000	10200	10.4	5	186	356	7.25	399
	0.3	831	26100	12400	10.8	55	357	539	17.7	440
	0.3	620	14600	6280	5.3	31	238	282	8.84	166
9034	0.3	550	9690	3770	3.2	0	57	91	1.38	90
7.0 - 9.3m	<b>2.3</b>	<b>964</b>	<b>14139</b>	<b>7742</b>	<b>5.79</b>	<b>15.61</b>	<b>132</b>	<b>228</b>	<b>5.13</b>	<b>221</b>



Ministry of  
Northern Development  
and Mines

### Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use) <b>W9880.00427</b>
Assessment Files Research Imaging



31M05NE2004 2.18648 COLEMAN

900

subsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, assessment work and correspond with the mining land holder. Questions about Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury,

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.  
- Please type or print in ink.

*2-1-98*

**1. Recorded holder(s) (Attach a list if necessary)**

Name <b>FALCONBRIDGE LIMITED</b>	Client Number <b>130679</b>
Address <b>Suite 1200 - 95 Wellington Street West</b>	Telephone Number <b>(416) 956-5700</b>
<b>Toronto, Ontario, M5H 2V4</b>	Fax Number <b>(416) 956-5757</b>
Name	Client Number
Address	Telephone Number
	Fax Number

**2. Type of work performed:** Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs)

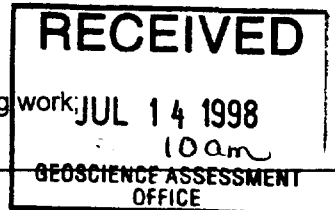


Physical: drilling stripping, trenching and associated assays

Rehabilitation

Work Type <b>One Diamond Drill Hole -- COL-12, 175.0m</b>	Office Use
	Commodity
	Total \$ Value of Work Claimed <b>12,485</b>
Dates Work Performed From <b>01 02 1998</b> To <b>03 02 1998</b> Day Month Year Day Month Year	NTS Reference
Global Positioning System Data (if available)	Mining Division <b>Kardar Lake</b>
Township/Area <b>Coleman Twp.</b>	Resident Geologist District <b>Kirkland Lake</b>
M or G-Plan Number <b>G - 3418</b>	

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;  
- provide proper notice to surface rights holders before starting work;  
- complete and attach a Statement of Costs, form 0212;  
- provide a map showing contiguous mining lands that are linked for assigning work;  
- include two copies of your technical report.



*2-e*

**3. Person or companies who prepared the technical report (Attach a list if necessary)**

Name <b>Robert Foy</b>	Telephone Number <b>(705) 267 - 1188 ext. 243</b>
Address <b>PO Box 1140, Timmins, Ontario, P4N 7H9</b>	Fax Number <b>(705) 267 - 6080</b>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

**4. Certification by Recorded Holder or Agent**

I, Robert Foy (Print Name), do hereby certify that I have personal knowledge of the facts set forth in

this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>[Signature]</i>	Date <b>July 10, 1998</b>
Agent's Address <b>PO Box 1140, Timmins, Ontario, P4N 7H9</b>	Telephone Number <b>(705) 267 - 1188 ext. 243</b>
	Fax Number <b>(705) 267 - 6080</b>

*Revised: Oct. 12/98*

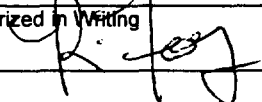


**5. Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

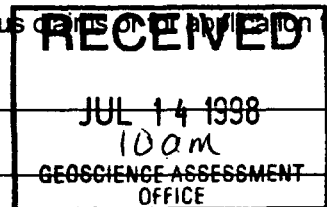
W9880, 00427

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 <u>6000802</u> 1476 SST	1	\$12485	\$0	\$12485	\$0
2 L 1186050	1	\$0	\$587	\$0	\$0
3 L 1135886	1	\$0	\$1060	\$0	\$0
4 L 1135885	1	\$0	\$1060	\$0	\$0
5 L 1179124	2	\$0	\$2120	\$0	\$0
6 L 1135887	1	\$0	\$1060	\$0	\$0
7 L 1135884	1	\$0	\$1060	\$0	\$0
8 L 1179104	1	\$0	\$1060	\$0	\$0
9 L 1198574	1	\$0	\$1060	\$0	\$0
10 L 1135984	1	\$0	\$1029	\$0	\$0
11 L 1135988	1	\$0	\$1060	\$0	\$0
12 L118432	1	\$0	\$1060	\$0	\$0
13 L118433	2	\$0	\$269	\$0	\$0
14					
15					
<b>Column Totals</b>	<b>13</b>	<b>\$12485</b>	<b>\$12485</b>	<b>\$12485</b>	<b>\$0</b>

I, Robert Foy (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or their application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing 

Date July 10, 1998



**6. Instruction for cutting back credits that are not approved.**

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 1<sup>st</sup> 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

**For Office Use Only**

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	



Statement of Costs for Assessment Credit

Transaction Number (office use) W9880.00427

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.18648

Table with 4 columns: Work Type, Units of work, Cost Per Unit of work, Total Cost. Rows include Diamond Drilling, Geologist Supervision & Report Writing, Technical Support Staff, Assays, Associated Costs, Transportation Costs, Food and Lodging Costs, and Total Value of Assessment Work.

RECEIVED JUL 14 1998 10 am GEOSCIENCE ASSESSMENT OFFICE

Calculations of Filing Discounts:

- 1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work.

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note: - Work older than 5 years is not eligible for credit. - A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification.

Certification verifying costs:

I, Robert Foy, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying

Declaration of Work form as Agent (Project Geologist, Falconbridge Limited) I am authorized to make this certification.

(recorded holder, agent, or state company position with signing authority)

Signature [Handwritten Signature] Date July 10, 1998

Geoscience Assessment Office  
933 Ramsey Lake Road  
6th Floor  
Sudbury, Ontario  
P3E 6B5

Telephone: (888) 415-9846  
Fax: (877) 670-1555

September 24, 1998

FALCONBRIDGE LIMITED  
SUITE 1200, 95 WELLINGTON STREET WEST  
TORONTO, ONTARIO  
M5J-2V4

Visit our website at:  
[www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm](http://www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm)

Dear Sir or Madam:

**Submission Number:** 2.18648

**Status**

**Subject: Transaction Number(s):** W9880.00427 Deemed Approval

---

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at [benetest@epo.gov.on.ca](mailto:benetest@epo.gov.on.ca) or by telephone at (705) 670-5855.

Yours sincerely,



ORIGINAL SIGNED BY  
Blair Kite  
Supervisor, Geoscience Assessment Office  
Mining Lands Section

# Work Report Assessment Results

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**Submission Number:** 2.18648

**Date Correspondence Sent:** September 24, 1998

**Assessor:** Steve Beneteau

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<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9880.00427	1476 SST	COLEMAN	Deemed Approval	September 21, 1998

**Section:**  
16 Drilling PDRILL

**Correspondence to:**

Resident Geologist  
Kirkland Lake, ON

Assessment Files Library  
Sudbury, ON

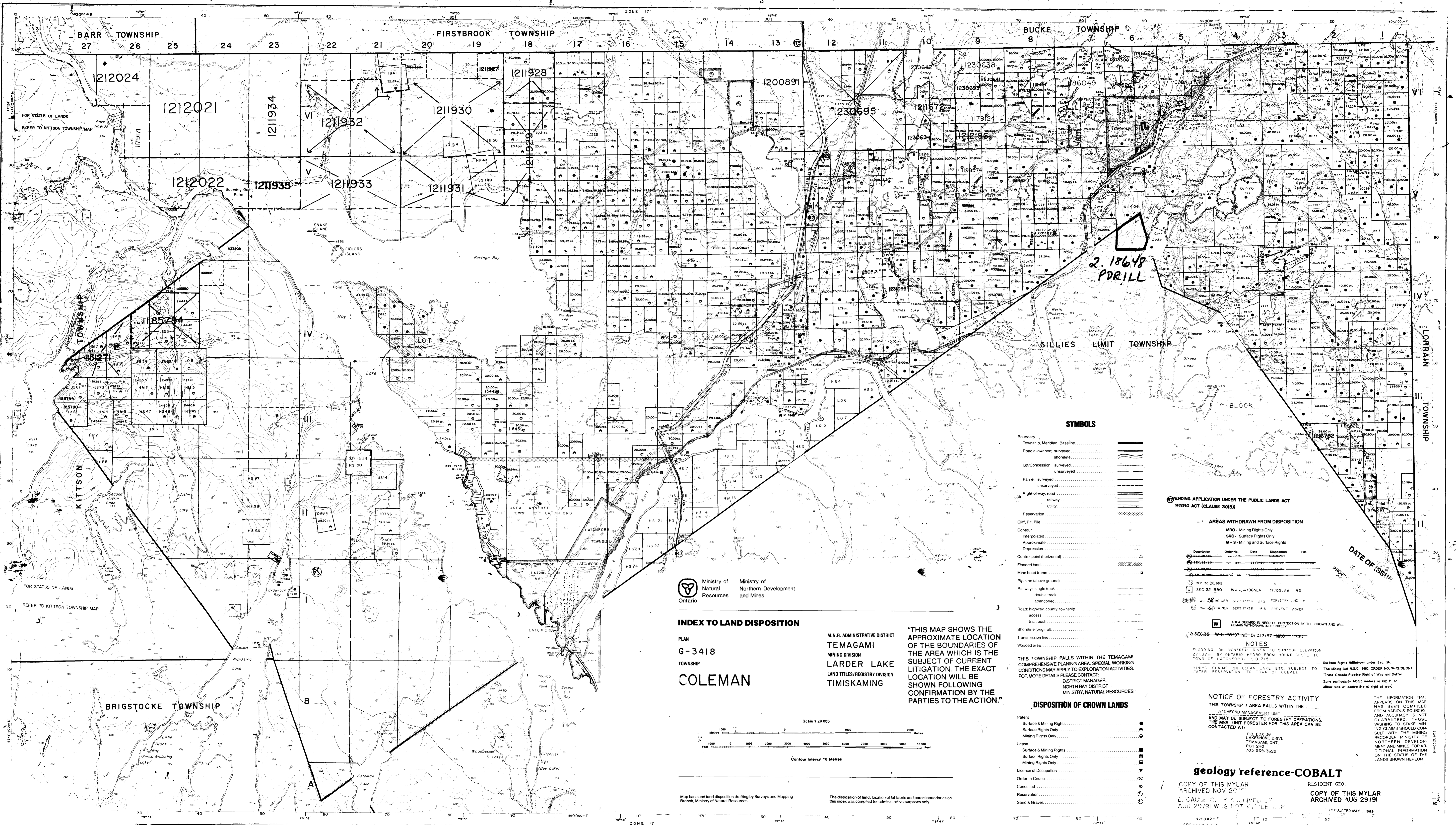
**Recorded Holder(s) and/or Agent(s):**

Robert Foy  
TIMMINS, ONTARIO, CANADA

FALCONBRIDGE LIMITED  
TORONTO, ONTARIO

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**SYMBOLS**

- Boundary
- Township, Meridian, Baseline
- Road allowance, surveyed
- shoreline
- Lot/Concession, surveyed
- unsurveyed
- Parcel, surveyed
- unsurveyed
- Right-of-way, road
- railway
- utility
- Reservation
- Cliff, Pit, Pile
- Contour
- Interpolated
- Approximate
- Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway, single track
- double track
- abandoned
- Road, highway, county, township
- access
- trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

**PENDING APPLICATION UNDER THE PUBLIC LANDS ACT  
MINING ACT (CLAUSE 30(B))**

**AREAS WITHDRAWN FROM DISPOSITION**

- MRO - Mining Rights Only
- SRO - Surface Rights Only
- M+S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File
SEC 35 1990				
SEC 35 1992				
SEC 35 1990	W-4196NER	17.09.96	AS	
SEC 35 1990	W-4196NER	SEPT 17.96	M/S PREVENT ADVEN	

**NOTES**

FLOODING ON MONTREAL RIVER TO CONTOUR ELEVATION 277.37m BY ONTARIO HYDRO FROM HOUD CHUTE TO TOWN OF LATCHFORD, S.O. 7151

MINING CLAIMS ON CLEAR LAKE ETC. SUBJECT TO PATER PRESERVATION TO TOWN OF COBALT.

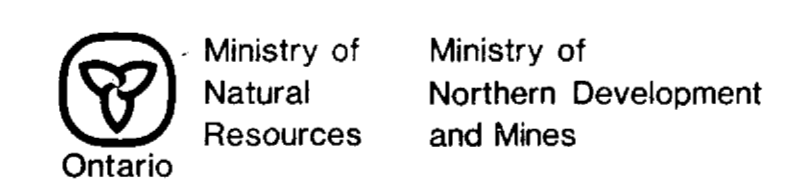
Surface Rights Withdrawn under Sec. 36, The Mining Act R.S.O. 1990, ORDER NO. W. 0150/97 (From Canada Pipeline Right of Way and Buffer Zone particularly 40.25 meters or 132 ft. on either side of centre line of right of way)

**NOTICE OF FORESTRY ACTIVITY**

THIS TOWNSHIP / AREA FALLS WITHIN THE LATCHFORD MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT:

P.O. BOX 38  
LAKESHORE DRIVE  
TEMAGAMI, ONT.  
P0M 2H0  
705-569-3622

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

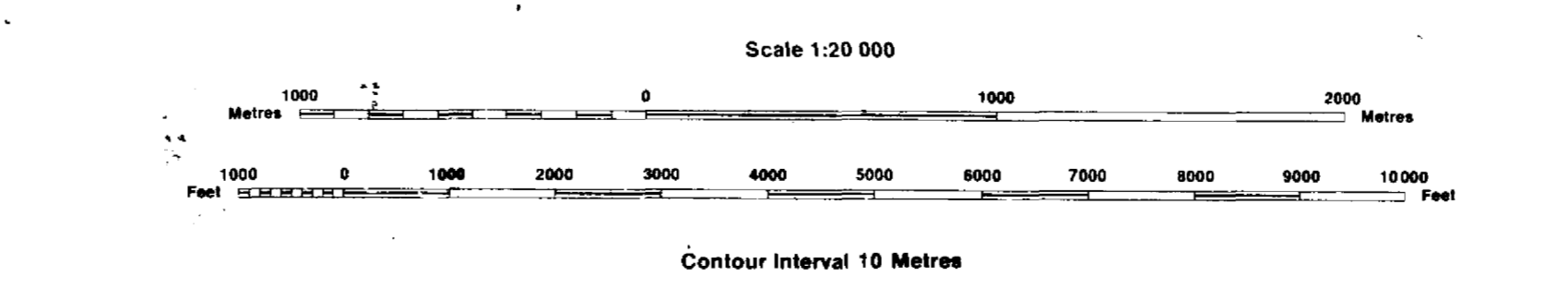


**INDEX TO LAND DISPOSITION**

PLAN  
G-3418  
TOWNSHIP  
COLEMAN

M.N.R. ADMINISTRATIVE DISTRICT  
TEMAGAMI  
MINING DIVISION  
LARDER LAKE  
LAND TITLES/REGISTRY DIVISION  
TIMISKAMING

"THIS MAP SHOWS THE APPROXIMATE LOCATION OF THE BOUNDARIES OF THE AREA WHICH IS THE SUBJECT OF CURRENT LITIGATION. THE EXACT LOCATION WILL BE SHOWN FOLLOWING CONFIRMATION BY THE PARTIES TO THE ACTION."



Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources. The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

**DISPOSITION OF CROWN LANDS**

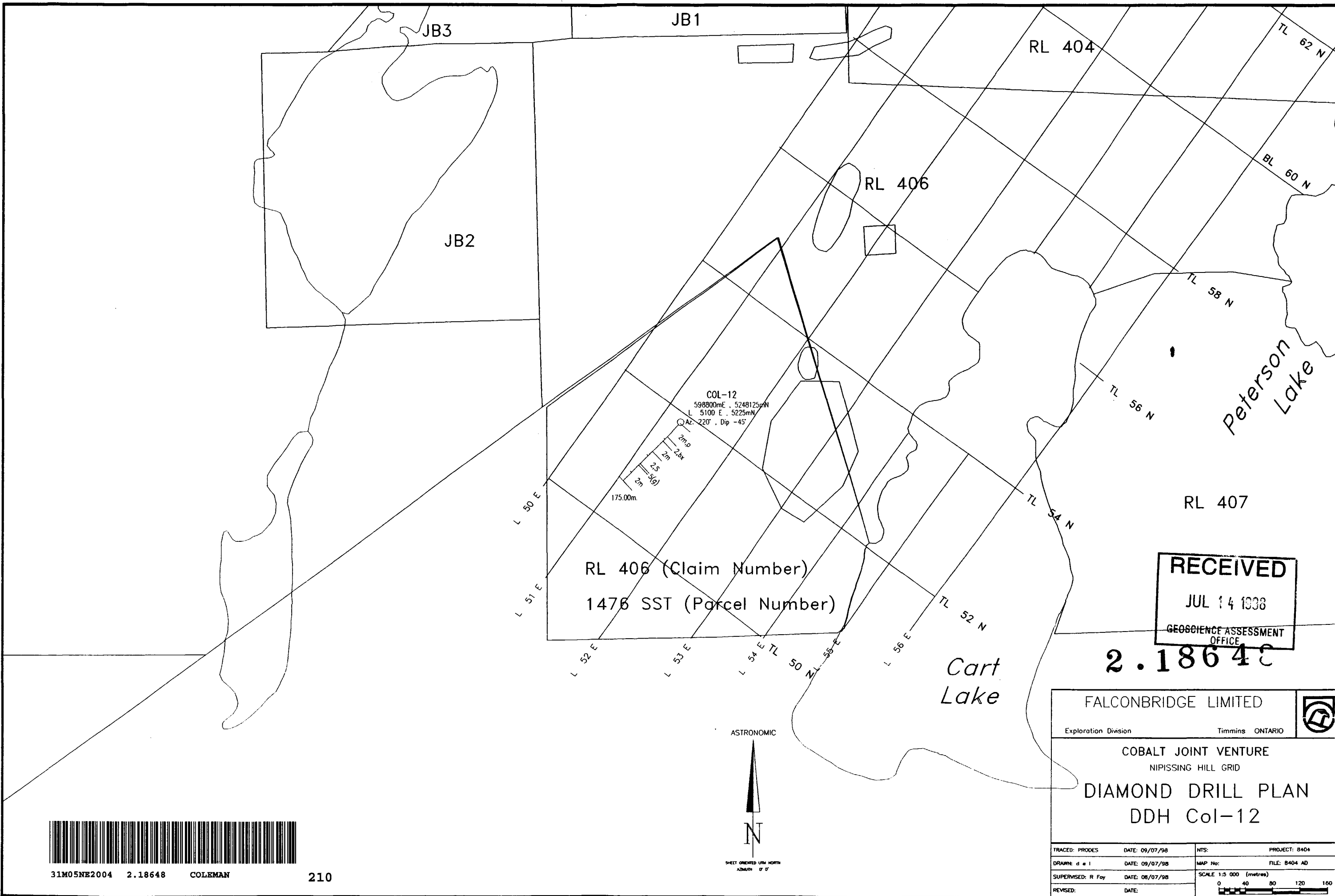
- Patent
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only
- Lease
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only
- License of Occupation
- Order-in-Council
- Cancelled
- Reservation
- Sand & Gravel

**geology reference-COBALT**

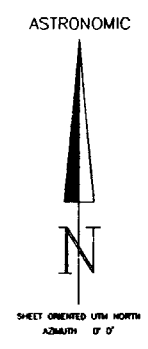
COPY OF THIS MYLAR ARCHIVED NOV 2001

RESIDENT GEO.  
COPY OF THIS MYLAR ARCHIVED AUG 29/91



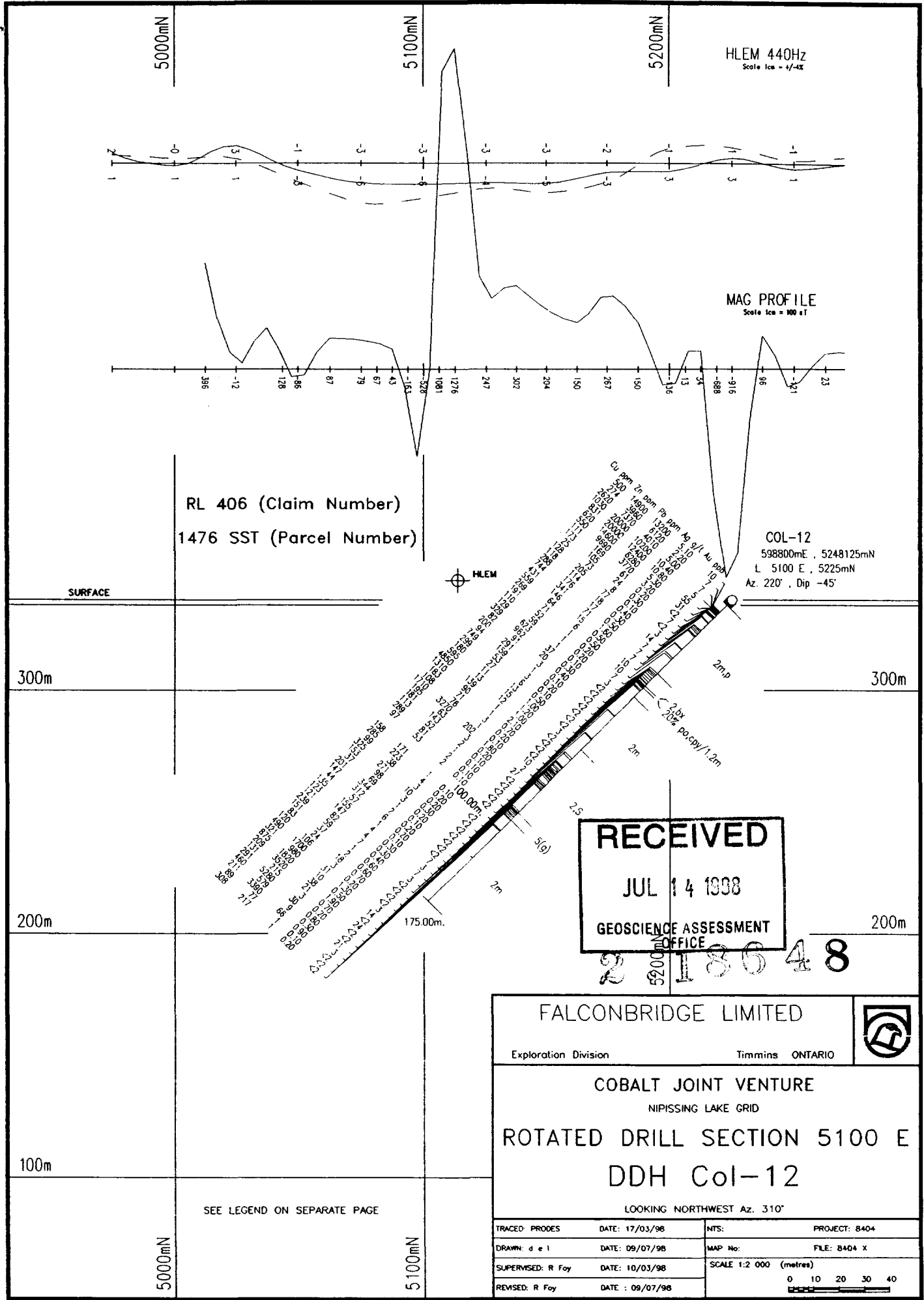


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OFFICE

22018648

**FALCONBRIDGE LIMITED**

Exploration Division Timmins ONTARIO

**COBALT JOINT VENTURE**  
NIPISSING LAKE GRID

**ROTATED DRILL SECTION 5100 E**  
**DDH Col-12**

LOOKING NORTHWEST Az. 310°

TRACED: PRODES	DATE: 17/03/98	NTS:	PROJECT: 8404
DRAWN: del	DATE: 09/07/98	MAP No:	FILE: 8404 X
SUPERVISED: R Foy	DATE: 10/03/98	SCALE 1:2 000 (metres)	
REVISED: R Foy	DATE: 09/07/98	0 10 20 30 40	