



41P06NE0027 W9680.00592 NORTH WILLIAMS

010

FALCONBRIDGE LIMITED
DRILL HOLE RECORD

DATE: 11/28/1996

HOLE NUMBER: NW21-01

IMPERIAL UNITS: METRIC UNITS: X

PROJECT NAME: 8276	PLOTTING COORDS GRID: UTM	ALTERNATE COORDS GRID: Grid	COLLAR DIP: -90° 0' 0"
PROJECT NUMBER: 8276	NORTH: 5252638.26mN	NORTH: 26+ 0N	LENGTH OF THE HOLE: 51.00M
CLAIM NUMBER: 1223244	EAST: 496771.00mE	EAST: 24+ 0E	START DEPTH: 0.00M
LOCATION: North Williams Twp.	ELEV: 390.00	ELEV: 390.00	FINAL DEPTH: 51.00M

COLLAR ASTRONOMIC AZIMUTH: 0° 0' 0"

GRID ASTRONOMIC AZIMUTH: 0° 0' 0"

DATE STARTED: 08/22/1996
DATE COMPLETED: 08/23/1996
DATE LOGGED: 08/24/1996

COLLAR SURVEY: NO
RQD LOG: NO
HOLE MAKES WATER: NO

PULSE EM SURVEY: NO
PLUGGED: NO
HOLE SIZE: BQ

CONTRACTOR: Dominik Drilling
CASING: 14m - pulled
CORE STORAGE: c/o A. Lacarte Gowganda
UTM COORD.: Zone 17 NAD 27

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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HOLE NUMBER: NW21-01

DRILL HOLE RECORD

LOGGED BY: M. Collison

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 14.00	«{OB}» Casing Overburden					
14.00 TO 22.02	«{14,LR,*i,*k}» Huronian Supergroup Lorrain Formation matrix supported pebble conglomerate	-yellowish green to orange quartz pebble conglomerate -sub-angular to rounded quartz pebbles to 2cm in size -matrix is rounded to well rounded medium to coarse sandstone -all fracture surfaces in this unit have black staining associated with them, oxides or rotten sulphides, no visible copper staining or base metal sulphides present -orange colour predominates 20.9m to end of unit		-minor fracture controlled rust staining	-trace py near lower contact w/ diabase §{14.00-19.00}«SulF1.0-3.0%» 1.0-3.0% fracture/vein controlled Sulphides -black staining along fracture surfaces and intergranular near fractures, probably rotten sulphides, probably pyrite, no fresh material for identification	
		§{14.74-14.80}«{FAI}» Fault -fault/fracture w/ sand, gouge, broken quartzite fragments -trace silver coloured metallic luster mineral noted on some pieces (cobaltite?)				
		§{16.60-16.70}«{FAI}» Fault -fault/fracture w/ sand, gouge, and broken fragments				
		§{21.30-21.31}«{S0 80°}» Bedding -bedding from pebble bed				
22.02 TO 30.09	«{7,a,b}» Mafic Intrusive fine grained medium grained	-black fine to medium grained mafic intrusive -magnetic -good upper and lower chill margins -23.17-23.51m quartz pebble conglomerate xenolith, partially assimilated -no good contact angles at either contact		-common quartz carbonate +/- epidote stringers throughout	-trace disseminated py near contacts	
30.09 TO 51.00	«{14,LR,*i,*k}» Huronian Supergroup Lorrain Formation matrix supported	-red to grey green matrix supported quartz pebble conglomerate -texturally as 14-22m -30.09-31m orange coloured, as lower contact of previous quartzite unit -31-31.10m strongly leached and bleached, probable water bearing seam -31.1-33m purple coloured, some pits on surface				

HOLE NUMBER: NW21-01

DRILL HOLE RECORD

DATE: 10/10/1996

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS	
	pebble conglomerate	of core suggestive of dissolved sulphides -33-34.67m greenish cast to unit, more sericitic, visible chlorite towards lower end -34.67-35.68m fine grained grey rock, soft green, sericitic at upper contact, reddish pervasive weak to moderate hematite staining at lower contact (0.2m), contains small black angular mafic minerals (3-5%, probably amphibole) --> best guess at protolith is mafic to intermediate intrusive, though meta-siltstone is not out of question (classic fubarite), trace disseminated sulphides noted in this section -35.68-37m mirrors lower contact of unit above fubarite, trace sulphides noted in chloritic clots -37-51m orange to greenish grey pebble conglomerate, some fracture related rust staining, minor chlorite in greenish sections, minor sericitic sections, rare fracture related black staining as at top of hole -light green sericitic sections (consistent with interpreted altered diabase dikelets from previous holes) noted at 42.61-42.68 and 42.75-42.78m					
51.00 TO 51.00	«EOH» End-Of-Hole						

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DRILL HOLE RECORD

LOGGED BY: M. Collison

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HOLE NUMBER : NW21-01

ASSAYS SHEET

DATE: 10/10/1996

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 ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	FIELD ROCK TYPE	Comments
AT06224	14.00	15.00	1.00	8	2	1	15	3	0.1		29								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06225	15.00	16.50	1.50	8	1	1	12	<2	0.1		21								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06226	16.50	18.00	1.50	7	1	2	13	<2	0.1		10								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06227	18.00	19.50	1.50	55	2	1	21	<2	0.1		28								0.0	0.0	0.5	0.0	0.0	0.0	14,LR,*i,*k	
AT06228	19.50	21.00	1.50	13	2	2	20	<2	0.1		24								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06229	21.00	22.01	1.01	289	3	1	15	<2	0.1		13								0.0	0.0	0.2	0.0	0.0	0.0	14,LR,*i,*k	tr cp
AT06230	23.17	23.51	0.34	104	60	4	38	<2	0.3		46								0.0	0.0	0.5	0.0	0.0	0.0	14,LR,*s	tr cp
AT06231	30.10	31.00	0.90	35	2	1	16	<2	0.1		25								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06232	33.00	34.50	1.50	297	4	1	12	<2	0.2		11								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06233	34.50	36.00	1.50	1320	4	1	40	3	0.3		45								0.0	0.0	0.5	0.0	0.0	0.0	14,LR/7,a(?)	tr cp
AT06234	36.00	37.50	1.50	479	1	1	10	<2	0.2		16								0.0	0.0	0.5	0.0	0.0	0.0	14,LR,*i,*k	
AT06235	37.50	39.00	1.50	11	1	1	10	<2	0.1		9								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	1 blk seam
AT06236	42.00	43.50	1.50	427	1	1	18	10	0.1		28								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	1 blk seam

HOLE NUMBER: NW21-01

ASSAYS SHEET

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PROJECT NAME: 8276	PLOTTING COORDS	GRID: UTM	ALTERNATE COORDS	GRID: Grid	COLLAR DIP: -90° 0' 0"
PROJECT NUMBER: 8276	NORTH: 5252238.23mN		NORTH: 22+ 0N		LENGTH OF THE HOLE: 47.86M
CLAIM NUMBER: 1223244	EAST: 496872.16mE		EAST: 25+ 0E		START DEPTH: 0.00M
LOCATION: North Williams Twp.	ELEV: 396.90		ELEV: 396.90		FINAL DEPTH: 47.86M


COLLAR ASTRONOMIC AZIMUTH: 0° 0' 0" GRID ASTRONOMIC AZIMUTH: 0° 0' 0"

DATE STARTED: 08/24/1996	COLLAR SURVEY: NO	PULSE EM SURVEY: NO	CONTRACTOR: Dominik Drilling
DATE COMPLETED: 08/27/1996	RQD LOG: NO	PLUGGED: NO	CASING: 36m BW - pulled
DATE LOGGED: 08/29/1996	HOLE MAKES WATER: NO	HOLE SIZE: BQ	CORE STORAGE: c/o A. Lacarte Gowganda
			UTM COORD.: Zone 17 NAD 27

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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HOLE NUMBER: NW21-02

DRILL HOLE RECORD

DATE: 10/10/1996

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 36.00	<{OB}> Casing Overburden	-mixed boulder population of granite, diabase and quartzite in fine sand to clay matrix				
36.00 TO 47.86	*14,LR,<SST >,*g* Huronian Supergroup Lorrain Formation finely laminated hematitic sandstone	-red to green finely laminated medium sandstone -subangular to rounded quartz grains to 1mm, fairly clean w/ kaolinitic-sericitic intergranular groundmass -dominantly brick red in colour due to hematite coating of grains -minor thin (generally 2-3mm up to maximum of several centimetres) green sericitic beds -beds or bands of black to greenish black material, appears to be due to intergranular biotite or chlorite (contact metamorphic?) --pseudostratigraphic, unlikely to be heavy mineral lag deposits -micro normal faults w/ mm to max cm scale offset noted -possible soft sediment deformation structures, slumping noted @ 37.66-37.76 -seam w/ clay noted @ 42m -seam w/ sand and gouge noted @ 42.94-42.97 -some increase in grain size, decrease in hematite coating grains noted after 45m		{36.00-47.86}*HePS ,SeSM* strong, pervasive, hematization; moderate, spotty, sericitization	-none noted	

HOLE NUMBER: NW21-02

DRILL HOLE RECORD

LOGGED BY: M. Collison

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HOLE NUMBER : NW21-02

ASSAYS SHEET

DATE: 10/10/1996

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 ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est. Ni %	Est. Po %	Est. Py %	Est. Cp %	Est. Sp %	Est. Gn %	FIELD ROCK TYPE	Comments
AT06237	36.00	37.50	1.50	7	7	1	16	7	0.1		21								0.0	0.0	0.0	0.0	0.0	0.0	14, LR, <SST>, *g	
AT06238	37.50	39.00	1.50	6	4	3	4	<2	0.1		6								0.0	0.0	0.0	0.0	0.0	0.0	14, LR, <SST>, *g	
AT06239	39.00	40.50	1.50	9	3	1	9	<2	0.1		16								0.0	0.0	0.0	0.0	0.0	0.0	14, LR, <SST>, *g	
AT06240	40.50	42.00	1.50	6	2	2	8	7	0.1		10								0.0	0.0	0.0	0.0	0.0	0.0	14, LR, <SST>, *g	
AT06241	42.00	43.50	1.50	4	1	2	5	3	0.1		3								0.0	0.0	0.0	0.0	0.0	0.0	14, LR, <SST>, *g	
AT06242	43.50	45.00	1.50	3	1	1	8	3	0.1		9								0.0	0.0	0.0	0.0	0.0	0.0	14, LR, <SST>, *g	
AT06243	45.00	46.50	1.50	8	1	5	13	<2	0.1		17								0.0	0.0	0.0	0.0	0.0	0.0	14, LR, <SST>, *g	
AT06244	46.50	47.86	1.36	3	1	1	7	<2	0.2		4								0.0	0.0	0.0	0.0	0.0	0.0	14, LR, <SST>, *g	

HOLE NUMBER : NW21-02

ASSAYS SHEET

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HOLE NUMBER: NW31-01

FALCONBRIDGE LIMITED
DRILL HOLE RECORD

DATE: 11/28/1996
IMPERIAL UNITS: METRIC UNITS: X

PROJECT NAME: 8276
PROJECT NUMBER: 8276
CLAIM NUMBER: 1212030
LOCATION: North Williams Twp

PLOTTING COORDS GRID: UTM
NORTH: 5253668.95mN
EAST: 496660.87mE
ELEV: 386.40

ALTERNATE COORDS GRID: Grid
NORTH: 36+33N
EAST: 22+94E
ELEV: 386.40

COLLAR DIP: -90° 0' 0"
LENGTH OF THE HOLE: 73.00M
START DEPTH: 0.00M
FINAL DEPTH: 73.00M

COLLAR ASTRONOMIC AZIMUTH: 0° 0' 0"

GRID ASTRONOMIC AZIMUTH: 0° 0' 0"

DATE STARTED: 08/17/1996
DATE COMPLETED: 08/18/1996
DATE LOGGED: 08/19/1996

COLLAR SURVEY: NO
RQD LOG: NO
HOLE MAKES WATER: NO

PULSE EM SURVEY: NO
PLUGGED: NO
HOLE SIZE: BQ

CONTRACTOR: Dominik Drilling
CASING: 3m - pulled
CORE STORAGE: c/o A. Lacarte Gowganda
UTM COORD.: Zone 17 NAD 27

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
73.00	0' 0" -89°30' 0"		A	OK		-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-



HOLE NUMBER : NW31-01

ASSAYS SHEET

DATE: 10/10/1996

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 ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	FIELD ROCK TYPE	Comments	
AT06161	3.00	4.50	1.50	14	5	1	14	3	0.1		11								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k		
AT06162	4.50	6.00	1.50	290	6	1	21	21	0.1		17								0.0	0.0	1.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06163	6.00	7.50	1.50	93	5	1	17	17	0.1		15								0.0	0.0	0.5	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06164	7.50	9.00	1.50	50	7	1	27	27	0.2		23								0.0	0.0	0.5	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06165	9.00	10.50	1.50	29	5	1	21	21	0.1		22								0.0	0.0	1.5	0.1	0.0	0.0	0.0	14,LR,*i,*k	
AT06166	10.50	12.00	1.50	19	5	1	21	17	0.1		24								0.0	0.0	2.0	0.1	0.0	0.0	0.0	14,LR,*i,*k	
AT06167	12.00	13.50	1.50	11	3	1	14	7	0.1		13								0.0	0.0	0.1	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06168	13.50	15.00	1.50	34	9	5	26	17	0.3		32								0.0	0.0	0.2	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06169	15.00	16.50	1.50	13	4	1	14	<2	0.1		10								0.0	0.0	1.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	py in vein
AT06170	16.50	18.00	1.50	9	3	1	13	<2	0.1		11								0.0	0.0	0.1	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06171	18.00	19.50	1.50	9	3	1	13	<2	0.1		11								0.0	0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06172	19.50	21.00	1.50	13	3	1	13	3	0.1		12								0.0	0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06173	21.00	22.50	1.50	14	4	1	13	3	0.1		10								0.0	0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	Harder Si?
AT06174	22.50	24.00	1.50	689	5	1	12	14	0.1		11								0.0	0.0	1.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	tr cp
AT06175	24.00	25.50	1.50	1130	4	2	40	3	0.8		51								0.0	0.0	3.0	0.5	0.0	0.0	0.0	14,LR,*i,*k	w/20cm arg
AT06176	25.50	27.00	1.50	868	4	1	28	34	0.1		49								0.0	0.0	1.0	0.2	0.0	0.0	0.0	14,LR,*i,*k	
AT06177	27.00	28.50	1.50	33	4	1	15	17	0.1		13								0.0	0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06178	28.50	30.00	1.50	58	5	1	12	3	0.1		9								0.0	0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	tr dis py
AT06179	30.00	31.00	1.00	182	15	1	18	7	0.2		15								0.0	0.0	0.1	0.0	0.0	0.0	0.0	14,LR,*i,*k	tr dis cp
AT06180	31.00	32.00	1.00	8	6	1	14	<2	0.1		11								0.0	0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	tr frac py
AT06181	32.00	33.00	1.00	66	3	8	29	27	1.7		35								0.0	0.0	1.5	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06182	33.00	34.00	1.00	12	9	1	15	3	0.1		12								0.0	0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	tr py

HOLE NUMBER: NW31-01

ASSAYS SHEET

PAGE:

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 4.00	«OB» Casing Overburden					
4.00 TO 63.00	«14,LR,*i,*k» Huronian Supergroup Lorrain Formation matrix supported pebble conglomerate	-dark grey to grey to brick red coarse sandstone to quartz pebble conglomerate -matrix sandstone 0.5-2mm subrounded to rounded quartz grains, minor feldspar -rounded quartz pebbles to 3cm, commonly 0.5-1.5cm in size, commonly sparse though may locally be framework supported for 3-8cm -4-4.3m rust stained, leached -4.3-6.4 very dark grey, reducing, minor partially weathered sulphides (apparently py) in vugs and as apparent nodules -6.4-10.5m beige, weak patchy hematization, weak fracture controlled rust staining, stronger alteration and solution textures w/ py noted 10.1-10.2m -10.5-33.9m beige to grey w/ local patchy sericite and local patchy hematite, minor sulphide nodules, common in situ brecciation and silica filling/flooding, often subparallel bedding planes --> variation of thin (.1-2cm) laminations suggests crossbedding, orientations vary from 90-60° to c.a., hematite alteration becomes stronger towards base -33.9-38m unit becomes more massively bedded, no discernable laminations, alteration styles become stronger, patchy over 20-30cm, variably hematitic and sericitic, fracture related and nodular py to 1-2% locally -38-47m grey, reducing, massive, sparse pebbles, minor intergranular chlorite, no visible sulphides -47-50.3m patchy moderate hematite alteration noted -50.3-63m dominantly grey w/ patchy weak to moderate hematization, minor chlorite, minor fracture or nodular py	6.40-10.50 *HePW, RsFW* 33.90-38.00 *HePW, SePW* 40.70-50.36 *HePM* 47.00-63.00 *HePM, SeFW*	33.90-38.00 *PyF1.0-1.0%, PyD0.0-1.0%*		
63.00 TO 63.00	«EOH» End-Of-Hole					

HOLE NUMBER : NW31-02

ASSAYS SHEET

DATE: 10/10/1996

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 ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est. Ni %	Est. Po %	Est. Py %	Est. Cp %	Est. Sp %	Est. Gn %	FIELD ROCK TYPE	Comments
AT06183	4.00	5.00	1.00	327	3	2	17	7	0.1		14								0.0	0.0	0.5	0.0	0.0	0.0	14,LR,*i,*k	
AT06184	5.00	6.00	1.00	842	16	11	27	14	0.3		21								0.0	0.0	2.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06185	6.00	7.50	1.50	154	5	7	19	<2	0.1		16								0.0	0.0	0.5	0.0	0.0	0.0	14,LR,*i,*k	
AT06186	7.50	9.00	1.50	11	4	3	15	<2	0.1		11								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06187	9.00	10.50	1.50	51	3	2	22	14	0.3		20								0.0	0.0	2.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06188	10.50	12.00	1.50	7	3	1	13	<2	0.1		10								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06189	12.00	13.50	1.50	11	3	1	15	<2	0.1		12								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06190	13.50	15.00	1.50	10	3	1	15	3	0.1		9								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06191	18.00	19.50	1.50	100	3	4	21	17	0.2		17								0.0	0.0	2.0	0.0	0.0	0.0	14,LR,*i,*k	Py in vein
AT06192	19.50	21.00	1.50	8	2	2	14	<2	0.1		10								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06193	22.00	33.00	1.00	21	4	1	12	10	0.1		9								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	tr py
AT06194	33.00	34.50	1.50	14	6	5	13	14	0.1		9								0.0	0.0	0.5	0.0	0.0	0.0	14,LR,*i,*k	
AT06195	34.50	36.00	1.50	23	3	2	22	10	0.1		20								0.0	0.0	3.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06196	36.00	37.00	1.00	7	3	1	12	7	0.1		8								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 5.00	« OB » Casing Overburden					
5.00 TO 37.74	«14,LR,*i,* k» Huronian Supergroup Lorrain Formation matrix supported quartz pebble conglomerat e	-white to greenish grey to brick red medium to coarse sandstone to pebble conglomerate -subrounded to rounded quartz pebbles (dominantly white, though some grey chert and rare jasper) to 1.5cm -matrix supported throughout, matrix is subangular to rounded quartz grains (w/ some feldspar) 0.5-2mm in size -5-16.8m bleached, white, in situ brecciation common, silica filled, thinly laminated (0.5-3cm) appears crossbedded (60-90°), rare pebbles, mostly grit sandstone to coarse sandstone -16.8-37.74m greenish grey weakly sericitic coarse sandstone to pebble conglomerate w/ patchy strongly hematized sections. Minor fracture controlled black staining (oxides? sulphides?). Fracture controlled by mineralization @ 20.5m, 32.7m, 33.2m and 36.01m. No visible base metal mineralization. Green clay rich section (probably hydrothermally altered diabase though possibly mudstone) noted at 21.15-21.25m, similar texture but more orange colour (oxidized) @ 26.7-26.82m	16.80-37.84 «SeFW,HeSS»		Fracture controlled by mineralization @ 20.5m, 32.7m, 33.2m and 36.01m. No visible base metal 19.50-21.00 «PyF3.0-5.0%»	
37.74 TO 38.86	«7,a,b» Mafic Intrusive fine grained medium grained	-fine to medium grained light green to green rock -unit is extensively altered, strongly bleached, epidotized, chloritized -non-magnetic -chill margins at either contact could be mistaken for mudstone, but good relict textures noted in middle of unit				
38.86 TO 60.00	«14,LR,*i,* k» Huronian Supergroup Lorrain Formation matrix supported pebble conglomerat e	-yellowish green to brick red coarse sandstone to pebble conglomerate -pebbles more common than previous unit, no visible laminations -alternating patchy sericitic alteration and weak to moderate hematite alteration -minor chlorite associated w/ sericite zones -altered diabase dikelets noted @ 53.77-53.91m and 57.82-58.15m -no visible mineralization	16.80-37.84 «SeFM,HeSW»			

HOLE NUMBER: NW31-03

DRILL HOLE RECORD

DATE: 10/10/1996

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		N56.95-57.00 S2 80° Foliation -foliation in sericitic section				

HOLE NUMBER: NW31-03

DRILL HOLE RECORD

LOGGED BY: M. Collison

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HOLE NUMBER : NW31-03

ASSAYS SHEET

DATE: 10/10/1996

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 ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	FIELD ROCK TYPE	Comments
AT06197	5.00	6.00	1.00	7	4	2	17	<2	0.1		28								0.0	0.0	0.1	0.0	0.0	0.0	14,LR,*i,*k	
AT06198	6.00	7.50	1.50	6	2	10	12	17	0.1		19								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06199	7.50	9.00	1.50	9	2	2	13	7	0.1		12								0.0	0.0	0.1	0.0	0.0	0.0	14,LR,*i,*k	
AT06200	9.00	10.50	1.50	6	2	2	17	<2	0.1		28								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06201	10.50	12.00	1.50	7	2	1	15	24	0.1		22								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06202	12.00	13.50	1.50	5	1	1	16	10	0.1		11								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06203	13.50	15.00	1.50	7	1	1	15	7	0.1		25								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06204	18.00	19.50	1.50	14	1	5	10	17	0.1		18								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06205	19.50	21.00	1.50	82	5	10	16	21	0.3		21								0.0	0.0	5.0	0.0	0.0	0.0	14,LR,*i,*k	1% blk py? py + blk
AT06206	30.00	31.50	1.50	5	4	2	13	3	0.1		22								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06207	31.50	33.00	1.50	7	2	4	12	<2	0.1		17								0.0	0.0	1.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06208	33.00	34.50	1.50	13	8	5	13	3	0.2		15								0.0	0.0	1.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06209	34.50	36.00	1.50	6	4	2	11	3	0.1		18								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06210	36.00	37.84	1.84	11	3	4	10	1375	2.4		15								0.0	0.0	1.0	0.0	0.0	0.0	14,LR,*i,*k	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 1.50	<{OB}> Casing Overburden					
1.50 TO 28.60	<14,LR,*i,*k> Huronian Supergroup Lorrain Formation matrix supported quartz pebble conglomerate	-yellowish green to brick red coarse sandstone to matrix supported quartz pebble conglomerate -sub-angular to rounded quartz pebbles to 2cm in size, up to 10% of unit -matrix is composed of 0.5-4mm subrounded to rounded quartz grains -1.5-3m 0.7m core recovered -1.5-10m patchy moderate to strong intergranular hematite alteration, some leaching of soluble grains leaving small vugs noted in first 3m of core -10-15.3m pervasive weak to moderate sericitization of groundmass, yellowish green -15.3-28.6 metre scale alteration variable between grey green reduced environment and light orange to red spotty oxidized environment, hematized sections contain fracture controlled sections of cm scale reduced grey quartzite w/ black dusty particles, possibly partially weathered py (eg. 16m) -19-19.5m fracture w/ sand and clay subparallel to c.a. -20.95-23m RQD=30, much broken core, long sand and clay bearing fracture sub-parallel to c.a. -24.5-24.75m kaolinitic section of soft, bleached rock, textures suggestive of polygonal jointing(?), appears to be hydrothermally altered diabase, section ends in broken core and gouge -26.9-28.6m macroscopic chlorite appears as intergranular mineral, becomes more clotty near lower contact, trace finely disseminated sulphides noted -lower contact @ 58° to c.a.	1.50-28.60 *SeFM,HeSW*		-possible fracture related py in reduced sections -trace sulphides associated w/ chl	
28.60 TO 33.63	<7,a,bx> Mafic Intrusive fine grained breccia	-fine grained black rock -magnetic -strong fracture controlled hematization noted 30-31.5m -intrusive or in situ breccia noted @ 30.3-30.7m, 31m and 33.3-33.4m, first two show strong matrix hematization, fragments show reaction rims -trace fine disseminated py, locally stronger (to	30.00-31.50 *HeFS*		-strong fracture controlled hematization noted 30-31.5m	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		0.5%) near hematized fractures -lower contact @ 60° to c.a.				
33.63 TO 33.43	«14,LR,*i,* k» Huronian Supergroup Lorrain Formation matrix supported pebble conglomerate	-orange to red coarse sandstone to quartz pebble conglomerate -pervasive hematite -appears more feldspathic than previous unit 37.80-37.81 «S0 70°» Bedding -probable bedding		33.63-38.43 «HePS»		-trace fine disseminated py near lower contact (37.8-37.9m) in darker coloured band (more chlorite?)
38.43 TO 44.02	«7,a,b» Mafic Intrusive fine grained medium grained	-fine to medium grained black rock -magnetic -good upper and lower chill margins				-trace py
44.02 TO 45.34	«14,LR,*i,* k» Huronian Supergroup Lorrain Formation m atrix s upported p ebble c onglomerate	-as 33.63-38.43				
45.34 TO 50.33	«7,a,b» Mafic Intrusive fine grained medium grained	-as 38.43-44.02m				
50.33 TO 51.85	«14,LR,*i,* k» Huronian Supergroup	-as 44.02-45.34		-small patch of apparent epidote alteration of intergranular material noted @ 54.6m		

HOLE NUMBER: NW31-04

DRILL HOLE RECORD

DATE: 10/10/1996

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
	Lorrain Formation matrix supported pebbles conglomerate					
54.85 TO 60.00	*7,a,b* Mafic Intrusive fine grained medium grained	-as 38.43-44.02				
60.00 TO 60.00	*EOH* End-Of-Hole					

HOLE NUMBER: NW31-04

DRILL HOLE RECORD

LOGGED BY: M. Collison

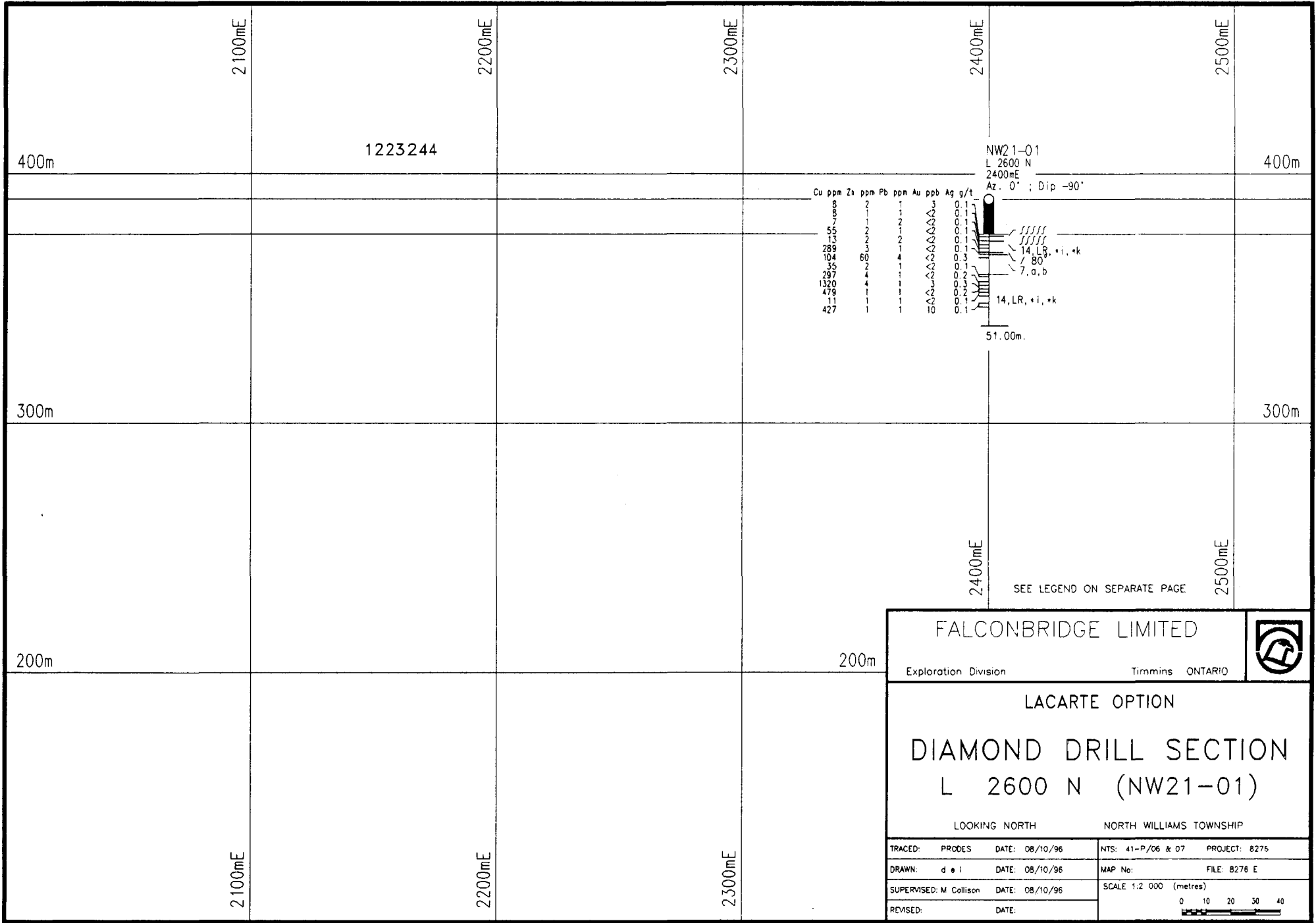
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HOLE NUMBER : NW31-04

ASSAYS SHEET

DATE: 10/10/1996

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 ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	FIELD ROCK TYPE	Comments
AT06211	1.50	3.00	1.50	16	2	1	8	<2	0.1		8								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	.7m core
AT06212	3.00	4.50	1.50	13	3	1	10	<2	0.1		15								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06213	4.50	6.00	1.50	18	1	1	9	<2	0.1		12								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06214	6.00	7.50	1.50	16	2	1	10	<2	0.1		8								0.0	0.0	0.1	0.0	0.0	0.0	14,LR,*i,*k	
AT06215	7.50	9.00	1.50	17	2	1	14	<2	0.1		21								0.0	0.0	0.2	0.0	0.0	0.0	14,LR,*i,*k	
AT06216	9.00	10.50	1.50	24	2	1	18	<2	0.1		45								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06217	10.50	12.00	1.50	15	1	1	11	<2	0.1		9								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06218	23.00	24.00	1.00	47	1	1	14	7	0.1		21								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k	
AT06219	24.00	24.66	0.66	1070	1	1	44	110	0.4		187								0.0	0.0	3.0	0.0	0.0	0.0	14,LR/7a(?)	
AT06220	24.66	25.50	0.84	54	2	1	10	14	0.1		11								0.0	0.0	0.1	0.0	0.0	0.0	14,LR,*i,*k	
AT06221	25.50	27.00	1.50	207	1	1	13	24	0.1		30								0.0	0.0	1.0	0.0	0.0	0.0	14,LR,*i,*k	tr cp
AT06222	27.00	28.50	1.50	367	5	1	18	10	0.1		32								0.0	0.0	2.0	0.0	0.0	0.0	14,LR,*s/7,a	
AT06223	33.63	34.63	1.00	22	1	1	16	7	0.1		12								0.0	0.0	0.0	0.0	0.0	0.0	14,LR,*i,*k,*s	



1223244

NW21-01
 L 2600 N
 2400mE
 Az. 0° ; Dip -90°

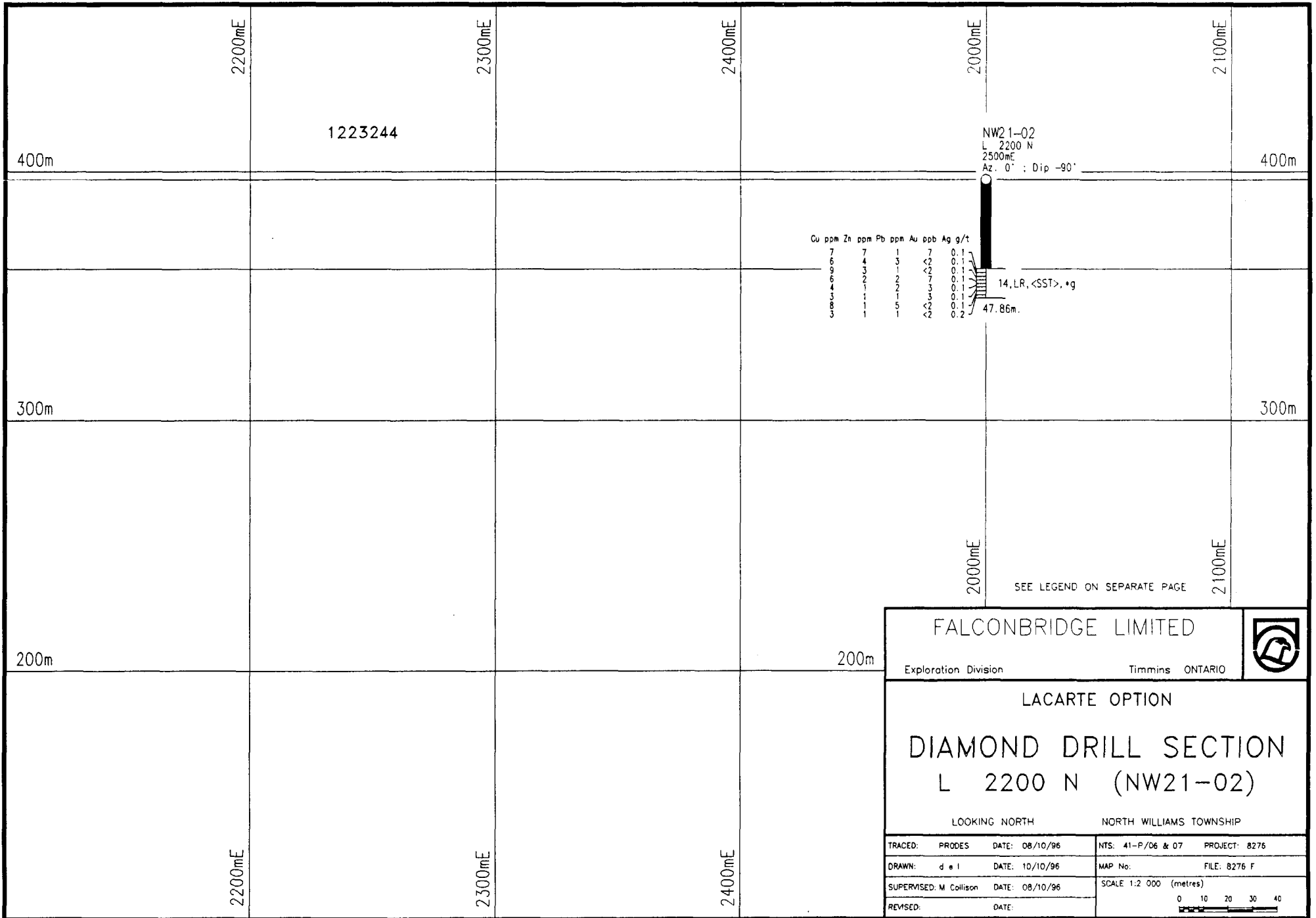
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35	2	1	1	1
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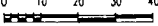
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 / 7, a, b
 14, LR, +i, *k

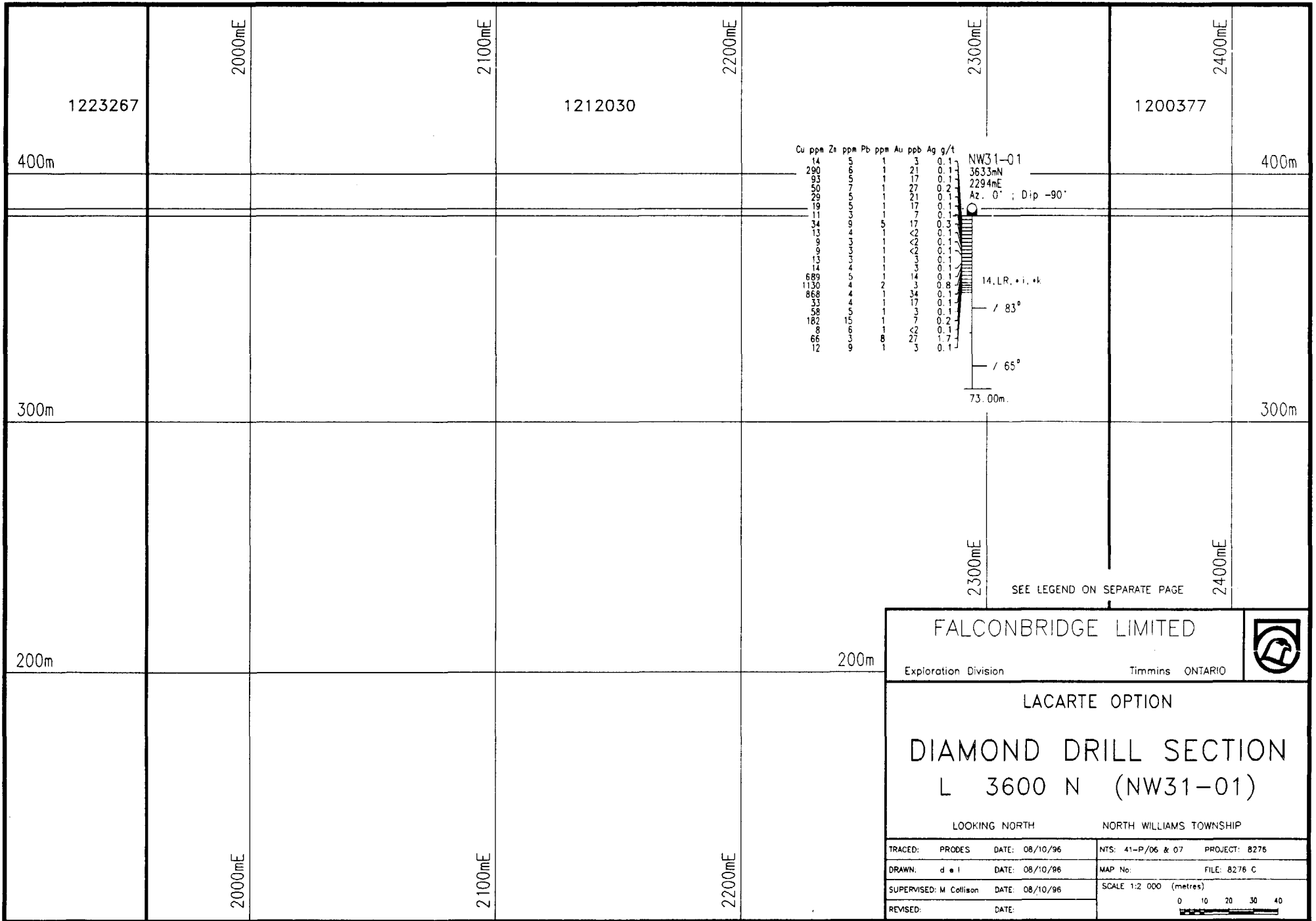
51.00m.

SEE LEGEND ON SEPARATE PAGE

FALCONBRIDGE LIMITED		
Exploration Division	Timmins ONTARIO	
LACARTE OPTION		
DIAMOND DRILL SECTION		
L 2600 N (NW21-01)		
LOOKING NORTH		NORTH WILLIAMS TOWNSHIP
TRACED: PRODES	DATE: 08/10/96	NTS: 41-P/06 & 07 PROJECT: 8275
DRAWN: d e l	DATE: 08/10/96	MAP No: FILE: 8276 E
SUPERVISED: M Collison	DATE: 08/10/96	SCALE 1:2 000 (metres)
REVISED:	DATE:	0 10 20 30 40



FALCONBRIDGE LIMITED		
Exploration Division	Timmins ONTARIO	
LACARTE OPTION		
DIAMOND DRILL SECTION		
L 2200 N (NW21-02)		
LOOKING NORTH		NORTH WILLIAMS TOWNSHIP
TRACED: PRODES	DATE: 08/10/96	NTS: 41-P/06 & 07 PROJECT: 8276
DRAWN: d e l	DATE: 10/10/96	MAP No: FILE: 8276 F
SUPERVISED: M Collision	DATE: 08/10/96	SCALE 1:2 000 (metres)
REVISED: DATE:		0 10 20 30 40 



FALCONBRIDGE LIMITED

Exploration Division Timmins ONTARIO

LACARTE OPTION

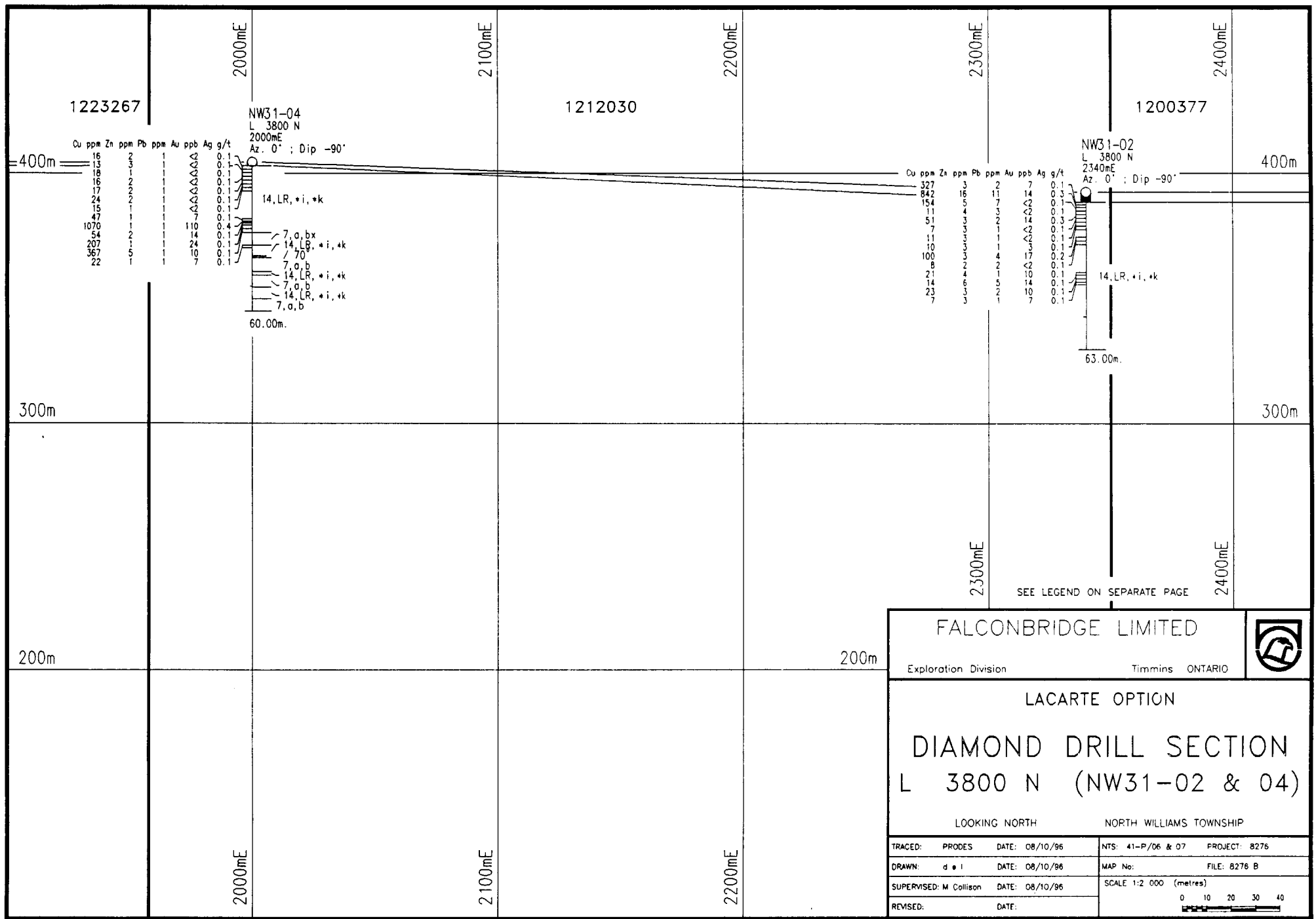
DIAMOND DRILL SECTION

L 3600 N (NW31-01)

LOOKING NORTH NORTH WILLIAMS TOWNSHIP

TRACED: PRODES	DATE: 08/10/96	NTS: 41-P/06 & 07	PROJECT: 8276
DRAWN: d e l	DATE: 08/10/96	MAP No:	FILE: 8276 C
SUPERVISED: M Collison	DATE: 08/10/96	SCALE 1:2 000 (metres)	
REVISED:	DATE:		

SEE LEGEND ON SEPARATE PAGE



1223267

1212030

1200377

NW31-04
L 3800 N
2000mE
Az. 0° ; Dip -90°

NW31-02
L 3800 N
2340mE
Az. 0° ; Dip -90°

Cu ppm	Zn ppm	Pb ppm	Au ppb	Ag g/t
16	2	1	0.1	0.1
13	3	1	0.1	0.1
18	1	1	0.1	0.1
16	2	1	0.1	0.1
17	2	1	0.1	0.1
24	2	1	0.1	0.1
15	1	1	0.1	0.1
47	1	1	0.1	0.1
54	1	1	0.1	0.1
1070	1	1	0.1	0.1
54	2	1	0.1	0.1
207	1	1	0.1	0.1
367	5	1	0.1	0.1
22	1	1	0.1	0.1

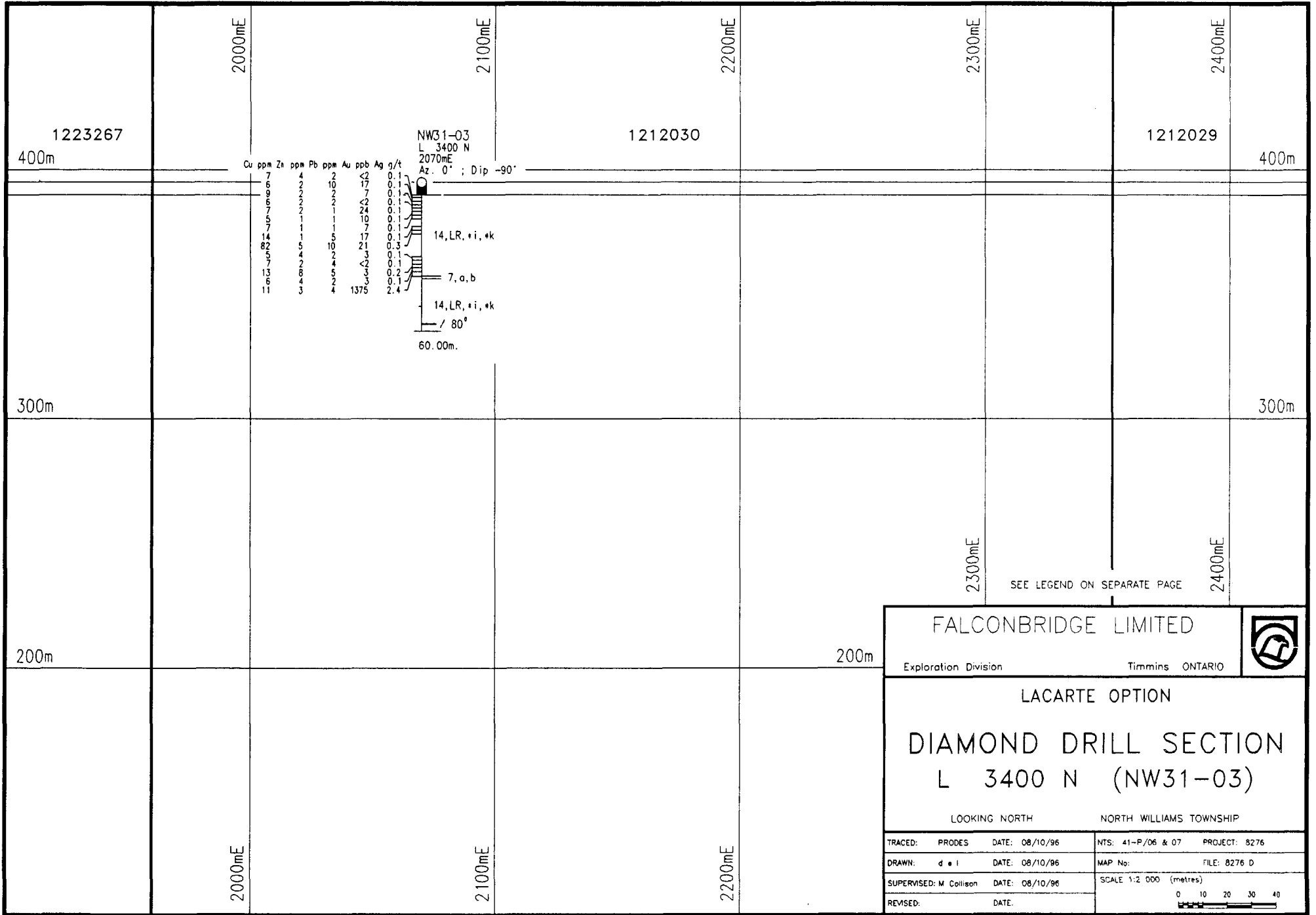
Cu ppm	Zn ppm	Pb ppm	Au ppb	Ag g/t
327	5	2	7	0.1
842	5	11	14	0.3
154	5	7	2	0.1
11	5	5	2	0.1
51	2	14	3	0.3
7	1	1	3	0.1
11	1	1	3	0.1
10	1	1	3	0.1
100	4	2	17	0.2
8	2	2	10	0.1
21	1	1	10	0.1
14	5	14	10	0.1
23	5	10	10	0.1
7	5	2	7	0.1

14, LR, +i, *k
7, o, bx
14, LR, +i, *k
7, o, b
14, LR, +i, *k
7, o, b
14, LR, +i, *k
7, o, b
60.00m.

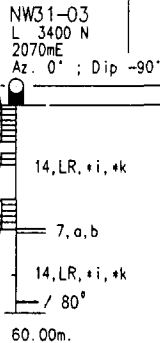
14, LR, +i, *k
63.00m.

SEE LEGEND ON SEPARATE PAGE

FALCONBRIDGE LIMITED		
Exploration Division	Timmins ONTARIO	
LACARTE OPTION		
DIAMOND DRILL SECTION L 3800 N (NW31-02 & 04)		
LOOKING NORTH		NORTH WILLIAMS TOWNSHIP
TRACED: PRODES	DATE: 08/10/96	NTS: 41-P/06 & 07 PROJECT: 8276
DRAWN: d • l	DATE: 08/10/96	MAP No: FILE: 8276 B
SUPERVISED: M Collison	DATE: 08/10/96	SCALE 1:2 000 (metres)
REVISED:	DATE:	0 10 20 30 40



Cu	Zn	Pb	Au	Ag
7	4	2	<2	0.1
7	2	10	17	0.1
6	2	2	7	0.1
6	2	2	<2	0.1
7	2	1	24	0.1
7	1	1	10	0.1
14	1	5	7	0.1
82	5	10	17	0.3
5	4	2	3	0.1
7	2	4	<2	0.1
13	8	5	3	0.2
6	4	2	3	0.1
11	3	4	1375	2.4





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Established 1928

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

6W-3173-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**

Date: AUG-30-96

Project: 8276 EXPL

Attn: M. Collison

We hereby certify the following Geochemical Analysis of 36 Core samples submitted AUG-22-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	Co PPM
AT06161	3	14	5	1	0.1	14	11
AT06162	21	290	6	1	0.1	21	17
AT06163	17	93	5	1	0.1	17	15
AT06164	27	50	7	1	0.2	27	23
AT06165	21	29	5	1	0.1	21	22
AT06166	17	19	5	1	0.1	21	24
AT06167	7	11	3	1	0.1	14	13
AT06168	17	34	9	5	0.3	26	32
AT06169	<2	13	4	1	0.1	14	10
AT06170	<2	9	3	1	0.1	13	11
AT06171	<2	9	3	1	0.1	13	11
AT06172	3	13	3	1	0.1	13	12
AT06173	3	14	4	1	0.1	13	10
AT06174	14	689	5	1	0.1	12	11
AT06175	3	1130	4	2	0.8	40	51
AT06176	34	868	4	1	0.1	28	49
AT06177	17	33	4	1	0.1	15	13
AT06178	3	58	5	1	0.1	12	9
AT06179	7	182	15	1	0.2	18	15
AT06180	<2	8	6	1	0.1	14	11
AT06181	27	66	3	8	1.7	29	35
AT06182	3	12	9	1	0.1	15	12
AT06183	7	327	3	2	0.1	17	14
AT06184	14	842	16	11	0.3	27	21
AT06185	<2	154	5	7	0.1	19	16
AT06186	<2	11	4	3	0.1	15	11
AT06187	14	51	3	2	0.3	22	20
AT06188	<2	7	3	1	0.1	13	10
AT06189	<2	11	3	1	0.1	15	12
AT06190	3	10	3	1	0.1	15	9

Certified by

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244

FAX (705) 642-3300



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Established 1928

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6W-3173-RG1

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Project: 8276 EXPL
Attn: M. Collison

Date: AUG-30-96

We hereby certify the following Geochemical Analysis of 36 Core samples submitted AUG-22-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	Co PPM
AT06191	17	100	3	4	0.2	21	17
AT06192	<2	8	2	2	0.1	14	10
AT06193	10	21	4	1	0.1	12	9
AT06194	14	14	6	5	0.1	13	9
AT06195	10	23	3	2	0.1	22	20
AT06196	7	7	3	1	0.1	12	8

Certified by _____



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Geochemical Analysis Certificate

6W-3323-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: 8276 EXPL
Attn: M. Collison

Date: SEP-05-96

We hereby certify the following Geochemical Analysis of 48 Core samples submitted AUG-29-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	Co PPM
AT06197	<2	7	4	2	0.1	17	28
AT06198	17	6	2	10	0.1	12	19
AT06199	7	9	2	2	0.1	13	12
AT06200	<2	6	2	2	0.1	17	28
AT06201	24	7	2	1	0.1	15	22
AT06202	10	5	1	1	0.1	16	11
AT06203	7	7	1	1	0.1	15	25
AT06204	17	14	1	5	0.1	10	18
AT06205	21	82	5	10	0.3	16	21
AT06206	3	5	4	2	0.1	13	22
AT06207	<2	7	2	4	0.1	12	17
AT06208	3	13	8	5	0.2	13	15
AT06209	3	6	4	2	0.1	11	18
AT06210	1375	11	3	4	2.4	10	15
AT06211	<2	16	2	1	0.1	8	8
AT06212	<2	13	3	1	0.1	10	15
AT06213	<2	18	1	1	0.1	9	12
AT06214	<2	16	2	1	0.1	10	8
AT06215	<2	17	2	1	0.1	14	21
AT06216	<2	24	2	1	0.1	18	45
AT06217	<2	15	1	1	0.1	11	9
AT06218	7	47	1	1	0.1	14	21
AT06219	110	1070	1	1	0.4	44	187
AT06220	14	54	2	1	0.1	10	11
AT06221	24	207	1	1	0.1	13	30
AT06222	10	367	5	1	0.1	18	32
AT06223	7	22	1	1	0.1	16	12
AT06224	3	8	2	1	0.1	15	29
AT06225	<2	8	1	1	0.1	12	21
AT06226	<2	7	1	2	0.1	13	10

Certified by Denis Chartrand



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Page 2 of 2

Geochemical Analysis Certificate

6W-3323-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**

Date: SEP-05-96

Project: 8276 EXPL

Attn: M. Collison

We hereby certify the following Geochemical Analysis of 48 Core samples submitted AUG-29-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	Co PPM
AT06227	∅	55	2	1	0.1	21	28
AT06228	∅	13	2	2	0.1	20	24
AT06229	∅	289	3	1	0.1	15	13
AT06230	∅	104	60	4	0.3	38	46
AT06231	∅	35	2	1	0.1	16	25
AT06232	∅	297	4	1	0.2	12	11
AT06233	3	1320	4	1	0.3	40	45
AT06234	∅	479	1	1	0.2	10	16
AT06235	∅	11	1	1	0.1	10	9
AT06236	10	427	1	1	0.1	18	28
AT06237	7	7	7	1	0.1	16	21
AT06238	∅	6	4	3	0.1	4	6
AT06239	∅	9	3	1	0.1	9	16
AT06240	7	6	2	2	0.1	8	10
AT06241	3	4	1	2	0.1	5	3
AT06242	3	3	1	1	0.1	8	9
AT06243	∅	8	1	5	0.1	13	17
AT06244	∅	3	1	1	0.2	7	4

Certified by Denis Charbon

1. MAIN ROCK DIVISIONS

- 15 To be Announced
- 14 Huronian Supergroup
- 13 Metamorphic (Unknown)
- 12 Gneiss
- 11 Schist
- 10 Diabase
- 9 Felsic Intrusive
- 8 Intermediate Intr. Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intr. Rocks
- 5 Sedimentary Rocks
- 5,s Sulphide (>40%)
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 3,C Heterolithic Volcanic Rocks
- 2 Mafic Volcanic rocks
- 1 Ultramafic Volcanic Rocks

2. TEXTURAL/GEOCHEMICAL MODIFIERS

- | | | | |
|----|-------------------------|---|-----------------------|
| a | Fine Grained | A | Primitive (Y<20) |
| b | Medium Grained | B | Evolved (Y>20<60) |
| bx | Breccia | C | Heterolithic |
| c | Coarse Grained | D | Feldspar Phyrlic |
| d | Quartz-Feldspar Phyrlic | E | Chert |
| e | Amygdaloidal/Vesicular | F | Wacke |
| f | Primary Fragmentals | G | Leucoxene Bearing |
| g | Graphitic/Argillaceous | H | Basaltic Komatiite |
| h | Tholeiitic | J | Pyroxenite |
| i | Alkalic | K | Net Textured |
| j | Calc-Alkalic | L | Peridotite |
| k | Komatiitic | M | Dunite |
| l | Flows (banded) | N | Ophitic |
| m | Massive | P | Porphyritic |
| n | Variolitic/Spherulitic | Q | |
| p | Pillowed | R | Polysutured |
| q | Quartz Phyrlic | S | Fractured |
| r | Oxide Iron Formation | T | Gabbroic Textured |
| s | Sulphides, Exhailites | U | Pyroxene Spinifex |
| t | Pyroclastic | V | Olivine Spinifex |
| u | High Mg | W | Skeletal/Crescumulate |
| v | High Fe | X | Adcumulate |
| w | High Al | Y | Mesocumulate |
| x | Andesite | Z | Orthocumulate |
| y | Icelandite | | |
| z | Highly Evolved (Y>60) | | |

ROCK NAMES MUST HAVE ALL MODIFIERS COMMA DELIMITED AND CAN BE NO LONGER THAN 15 CHARACTERS, COMMAS INCLUDED. Example: 3,*y,d,<DAC>,*t

3. ALTERATION MODIFIERS

- | | |
|----|----------------------|
| Ab | Albitization |
| Bl | Bleached |
| C> | Carbonaceous |
| Cb | Carbonatization |
| Ch | Chloritization |
| Ep | Epidotization |
| F> | Iron Carbonatization |
| He | Hematization |
| K> | Potassic Alteration |
| Ka | Kaolinitization |
| Rs | Rust Stained |
| Se | Sericitization |
| Si | Silicification |
| Sr | Serpentinization |
| Tc | Talc-Carbonatization |
| Tk | Talc |

4. Textural./Structural MODIFIERS

- | | | | |
|-----|---------------------------|----|------------------------------|
| *a | Tuff (67% <2mm) | *n | Graded Bedding |
| *b | Lapilli Tuff (2-64mm) | *o | Cross bedding |
| *c | Lapillistone (76% <264mm) | *p | Fault Gouge |
| *ct | Cataclastic | *q | Augen |
| *d | Block (>64mm)/Xenolith | *r | Porphyroblastic |
| *e | Autoclastic/Hyaloclastic | *s | Homfels |
| *f | Thickly Laminated | *t | foliated/sheared |
| *g | Thinly Laminated | *u | folded |
| *h | Clast Supported | *v | boudinage |
| *i | Matrix Supported | *w | fragmental (felsic>mafic) |
| *j | Granule (grit 2-4mm) | *x | fragmental (mafic>felsic) |
| *k | Pebble (4-64mm) | *y | Crystal Tuff (>50% of frags) |
| *l | Cobble (64-256mm) | *z | Lithic Tuff (>50% of frags) |
| *m | Boulder (>256) | | |

ALTERATION CODES

- | | |
|----------|--------------------------|
| FORM | |
| S | Spots |
| F | Fracture/vein controlled |
| P | Pervasive |
| STRENGTH | |
| S | Strong |
| M | Moderate |
| W | Weak |

Example: EpPW = Epidote,Pervasive,Weak

MINERALIZATION CODES

- | | |
|------|--------------------------|
| FORM | |
| D | Disseminated/Blebs |
| F | Fracture/vein controlled |
| M | Massive |
| B | Bedded |
| C | Clasts/Fragments |

PERCENTAGE

Numeric percentage, or percentage range (i.e. 1-3%), must always be specified

Example: CpB3% = Chalcopyrite, Bedded, 3%

5. MINERALOGICAL NAMES

Ak	Actinolite	Fc	Fuchsite	Pn	Pentlandite
Alb	Albite	Gn	Galena	Py	Pyrite
Al	Almandine	Gt	Garnet	Px	Pyroxene
Am	Amphibolite	VG	Gold	Po	Pyrrhotite
Ah	Anhydrite	Gf	Graphite	Qt	Quartz
Ad	Andalusite	GS	Gravel & sand	Ro	Rhodochrosite
Ay	Anthophyllite	Gyp	Gypsum	Ru	Rutile
Ap	Apatite	Hem	Hematite	Sur	Serpentine
Ar	Argentite	Hb	Hornblende	Sc	Sericite
Asp	Arsenopyrite	Hy	Hypersthene	Sh	Scheelite
Asb	Asbestos	Il	Ilmenite	Sid	Siderite
Aug	Augite	I-F	Iron Formation	Sil	Silica
Az	Azurite	Jr	Jarosite	Slm	Silliminite
Ba	Barite	Ky	Kyanite	Sps	Spessartite
bi	Bismuthite	Ls	Limestone	Sph	Sphalerite
Bi	Biotite	Lm	Limonite	Ti	Sphene (Titanite)
Bo	Bornite	Mag	Magnetite	Ag	Silver
Ca	Calcite	Mc	Malachite	Sp	Spinel
Cn	Chalcedony	Ma	Marcasite	Spd	Spodumene
Cc	Chalcocite	Mi	Mica	St	Staurolite
Cp	Chalcocopyrite	Mk	Microcline	Sb	Stibnite
Chl	Chlorite	Ml	Millerite	Sul	Sulphides
Ch>	Chloritoid	Mo	Molybdenite	S-M	Mass. Sulphides
Cr	Chromite	Mu	Muscovite	S-D	Diss. Sulphides
Cpx	Clinopyroxene	Ne	Nepheline	Tk	Talc
Co	Cobalt Minerals	Nc	Niccolite	Te	Telluride
Cv	Covellite	Ni	Nickel minerals	Tt	Tetrahedrite
Ct	Cordierite	Ov	Olivine	Ta-Cl	Tantalite-Columbite
Dp	Diopside	Or	Orthoclase	Tl	Tourmaline
Dol	Dolomite	Opx	Orthopyroxene	Tr	Tremolite
Epi	Epidote	Pl	Phlogopite	Wo	Wollastonite
Fel	Feldspar	Pg	Plagioclase	Zr	Zircon
Fl	Fluorite				

6. ROCK TYPE / PROTOLITH

<QFG>	Quartzofeldspathic	<PER>	Peridotite	<CHM>	Chem. Precip.
<QTZ>	Quartzite	<SER>	Serpentinite	<SLA>	Slate
<MAR>	Marble	<DUN>	Dunite	<KIM>	Kimberlite
<SKA>	Skarn(Calc-Silicate)	<PRX>	Pyroxenite	<CAR>	Carbonatite
<PHY>	Phyllite	<LMP>	Lamprophyre	<AMP>	Amphibolite
<TON>	Tonalite	<SST>	Sandstone	<MIG>	Migmatite
<SYN>	Syenite	<ARK>	Arkosic sandstone	<PEG>	Pegmatite
<GRA>	Granite	<WCK>	Graywacke	<LEU>	Leucocratic
<MON>	Monzonite	<CGL>	Conglomerate	<MEL>	Melanocratic
<GRD>	Granodiorite	<SLT>	Siltstone	<UNK>	Unknown Protolith
<APL>	Aplite	<ARG>	Mudstone-argillite	<UMF>	Ultramafic
<FEL>	Felsite	<EXH>	Chert/exhalite	<MAF>	Mafic
<QDI>	Quartz Diorite	<QIF>	Silicate IF	<AND>	Andesite
<GAB>	Gabbro	<OIF>	Oxide IF	<DAC>	Dacite
<NOR>	Norite	<SIF>	Sulphide IF	<RYD>	Rhyodacite
<ANT>	Anorthosite	<CIF>	Carbonate IF	<RHY>	Rhyolite
<DIO>	Diorite	<SHA>	Shale	<SCL>	Sulphide Clasts
		<LST>	Limestone	<RWW>	Reworked Volcanic Debris

7. HURONIAN SUPERGROUP

BR	Bar River Formation	
GL	Gordon Lake Formation	Cobalt Group
LR	Lorrain Formation	
GW	Gowganda Formation	
SP	Serpent Formation	
ES	Espanola Formation	Quirke Lake Group
BC	Bruce Formation	
MS	Mississagi Formation	
PC	Pecora Formation	Hough Lake Group
RL	Ramsey Lake Formation	
MK	McKim Formation	Elliot Lake Group
MT	Matinenda Formation	

Symbols

CONTACTS

	Outcrop (small, observed, inferred, boulder/float)
	Geological Boundary (observed, approximate, assumed)
	Geological Boundary (gradational, geophysically inferred)
	Flow Contact (defined, approximate)

MEASUREMENTS

	Bedding with tops known (horizontal, inclined, vertical, overturned, dip unknown)
	Bedding with tops unknown (inclined, vertical, dip unknown)
	Pillow top (horizontal, inclined, vertical, overturned, dip unknown)
	Spinifex top
	Schistosity, gneissosity, cleavage or foliation (horizontal, inclined, vertical, dip unknown) (No. of ticks = generation - S1, S2, S3)
	Jointing (horizontal, inclined, vertical, dip unknown)
	Lineation (horizontal, inclined, vertical)
	Folding - defined folds S fold, Z fold, multiple S, multiple Z
	Folding - undetermined type
	Fault (defined, approximate, assumed) (inclined, vertical, movement w/circle on downthrow side)
	Fault (Geophysically inferred, Lineament inferred)
	Thrust Fault (defined, approximate, assumed) (teeth indicate upthrust side)
	Shear zone
	Dyke, vein (defined, approximate, assumed)
	Anticline, Antiform (with or without plunge, overturned)
	Syncline, Synform (with or without plunge, overturned)
	Glacial striae (ice movement known, unknown) (numbers indicate relative age)
	Limit of Geological Mapping

PHYSICAL WORK

	Mineral Occurrence
	Trench (1:20,000 +, 1:5,000 -)
	Diamond Drill Hole (collar surveyed, collar located, collar unlocated)
	Overburden Drill Hole
	Mine, quarry or glory hole (active, abandoned)
	Shaft (vertical, inclined, raise, winze)
	Adit Ramp
	Rock Dump, Tailings
	Gravel Pit (active, abandoned)

CULTURAL AND PHYSIOGRAPHIC FEATURES

	All weather road (paved, gravel)
	Four wheel drive road
	Track
	Trail
	Buildings
	Campsite
	Power Line (major line, regular line)
	Telephone Line (usable, unusable)
	Railroad Track
	Tower
	Bridge
	River (open, rapids)
	Intermittent Stream
	Lake
	Swamp
	Esker
	Claim Post (OLS surveyed, inspected survey, located, unlocated, witness, in water)
	Grids (current grid, old grid)
	Survey Pin (located, unlocated)
	Lot/Concession Corner Pin (located, government defined)

Geophysics

GROUND

	UNIDENTIFIED EM SYSTEM
	HORIZONTAL LOOP (MAX-MIN)
	VERTICAL LOOP
	VERY LOW FREQUENCY
	JUNIOR CRONE UNIT
	HORIZONTAL LOOP (PULSE EM)
	TURAM
	INDUCED POLARIZATION (CONDUCTIVITY, RESISTIVITY)
	IP - DEFINITE, PROBABLE, POSSIBLE

AIRBORNE

	1-2 CHANNEL (350, 450 MICROSECONDS)
	3-4 CHANNEL (550, 670 MICROSECONDS)
	5-6 CHANNEL (790, 910 MICROSECONDS)
	7-8 CHANNEL (1050, 1190 MICROSECONDS)
	9-10 CHANNEL (1350, 1510 MICROSECONDS)
	11-12 CHANNEL (1680, 1870 MICROSECONDS)

DECARLE INTERPRETATION

	WELL DEFINED CONDUCTOR AXIS
	POORLY DEFINED CONDUCTOR AXIS
	UNCERTAIN CONDUCTOR AXIS
	WIDE CONDUCTIVE ZONE
	AEM CONDUCTOR AXIS
	AIRBORNE VERY LOW FREQUENCY
	SPARTAN AERO SYSTEM

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENTS

TYPE OF DOCUMENTS	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
PATENT, SURFACE RIGHTS ONLY	
PATENT, MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
LEASE, SURFACE RIGHTS ONLY	
LEASE, MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	

TYPE OF DOCUMENTS

TYPE OF DOCUMENTS	SYMBOL
CANCELLED	
SAND & GRAVEL, PIT, QUARRY	
CROWN LAND SALE	
LOCATED LAND	
REMOTE TOURIST SETUP	
SURFACE AND/OR MINING RIGHTS WITHDRAWN FROM STAKING	
SUBJECT TO FOREST ACTIVITIES	

NOTE: 400' SURFACE RIGHTS RESERVATION
AROUND ALL LAKES AND RIVERS

FALCONBRIDGE LIMITED 100 %	
FALCONBRIDGE LIMITED AND JOINT VENTURE OPTIONS	
FALCONBRIDGE LIMITED LEASE	
OTHER COMPANIES 100 %	
OTHER COMPANIES AND JOINT VENTURE OPTIONS	
OTHER COMPANIES LEASE	

Personal information collected on Mining Act, the information is a public document. Questions about this collection should be directed to 933 Ramsey Lake Road, Sudbury, Ontario



900

Mining Act. Under section 8 of the Act, you must respond with the mining land holder. Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario

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

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

Name FALCON BRIDGE LIMITED	Client Number 130679
Address P.O. BOX 1140, 571 MONETA AVE TIMMINS, ONT P4N 7H9	Telephone Number (705) 267-1188
	Fax Number (705) 264-6080
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 6 DIAMOND DRILL HOLES 84 ASSAYS	Office Use
	Commodity
	Total \$ Value of Work Claimed 26440
Dates Work Performed From 15 08 96 To 29 08 96 <small>Day Month Year Day Month Year</small>	NTS Reference
Global Positioning System Data (if available)	Mining Division Larder Lake
Township/Area NORTH WILLIAMS	Resident Geologist District Kirkland Lake
M or G-Plan Number	

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.

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

Name MIKE COLLISON - P.O. BOX 1140, 571	Telephone Number (705) 267-1188
Address MONETA AVE TIMMINS ONT P4N 7H9	Fax Number (705) 264-6080
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, MIKE COLLISON (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 28 NOV 96
Agent's Address P.O. BOX 1140 TIMMINS, ONT P4N 7H9	Telephone Number (705) 267-1188
	Fax Number (705) 264-6080

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

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 1212030	2	19090		5200	13890 19090 1/1/1
2 1223244	16	7350	6400		950
3 1200377	1		400 N/A		
4 1200378	1		400 N/A		
5 1202767	3		1200 N/A		
6 1202028	1		400 N/A		
7 1212029	1		400 N/A		
8 1223266	4		1600 N/A		
9 1223267	2		800 N/A		
10					
11					
12					
13					
14					
15					
Column Totals		26440	11600 6400 N/A	5200	14840 20040 N/A

I, MIKE COLLISON (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 for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: 28 Nov 96

6. Instructions 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.
- 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)	
	<u>97 Feb 27</u>	
	<u>97 Feb 20</u>	<u>26440</u>
	<u>[Signature]</u>	

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, the 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 the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
DIAMOND DRILL HOLES	355 M	\$60/M	21300
SUPERVISION & LOGGING	14 DAYS	\$150/DAY	2100
ASSAYS	84 SAMPLES	\$10/SAMPLE	840
Associated Costs (e.g. supplies, mobilization and demobilization).			
DRILL MOBILIZATION & DEMOBILIZATION			1600
Transportation Costs			
TRUCK RENTAL			300
Food and Lodging Costs			
THE COUNTRY STORE & LODGE, SHINING TREE		150 /WK	300
Total Value of Assessment Work			26440

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. If this situation applies to your claims, use the calculation below:

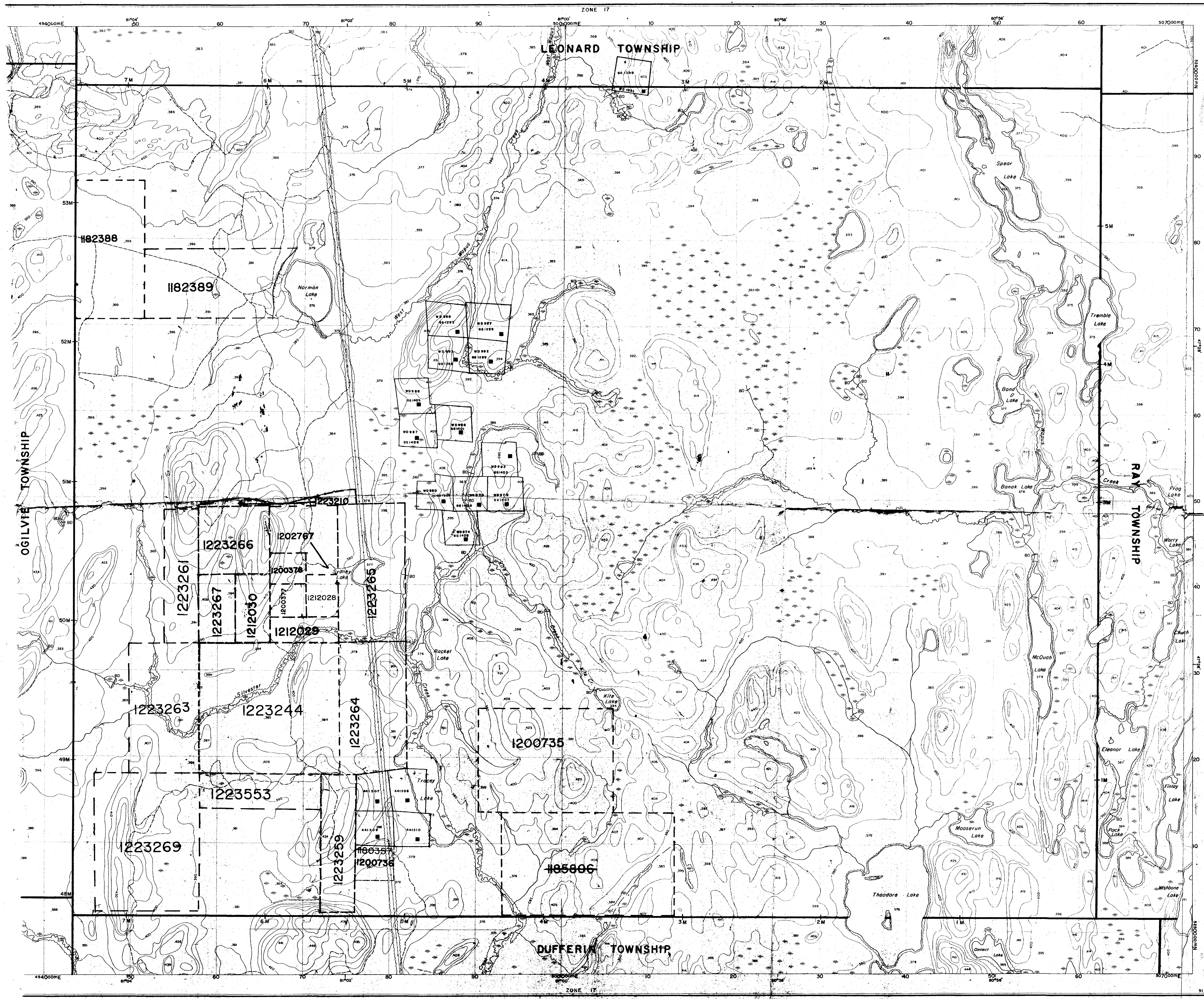
TOTAL VALUE OF ASSESSMENT WORK $\times 0.50 =$ Total \$ value of worked claimed.

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. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, MIKE COLLISON (please print full name), 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 FIELD GEOLOGIST I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.

Signature 	Date 28 Nov 96
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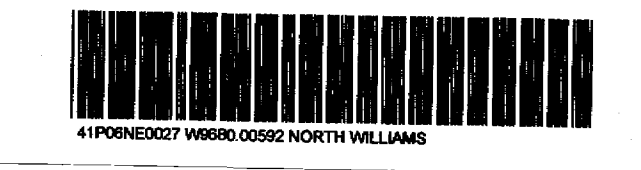
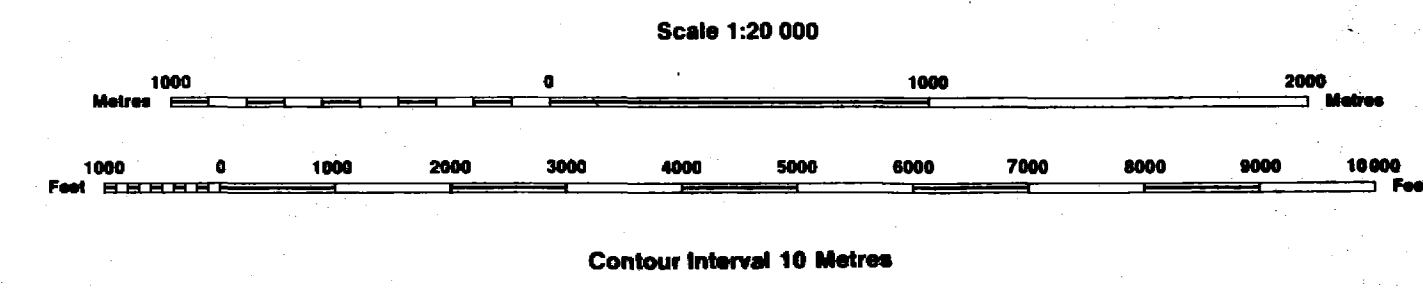


W 00592
 pdcll

INDEX TO LAND DISPOSITION

PLAN
G-3694
 TOWNSHIP
NORTH WILLIAMS

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



AREAS WITHDRAWN FROM DISPOSITION
 MRO - Mining Rights Only
 SRO - Surface Rights Only
 M+S - Mining and Surface Rights

SYMBOLS

Description	Order No.	Date	Disposition
Boundary			
Township, Meridian, Baseline			
Road allowance; surveyed			
shoreline			
Lot/Concession; surveyed			
unsurveyed			
Parcel; surveyed			
unsurveyed			
Right-of-way; road			
railway			
utility			
Reservation			
Cliff, Pit, File			
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			

DISPOSITION OF CROWN LANDS

Patent	
Surface & Mining Rights	●
Surface Rights Only	○
Mining Rights Only	◐
Lease	
Surface & Mining Rights	■
Surface Rights Only	□
Mining Rights Only	◑
Licence of Occupation	▼
Order-in-Council	OC
Cancelled	○
Reservation	⊙
Sand & Gravel	⊙

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 DETERMINATION BY THE COURTS IN THE ACTION.

ARCHIVED SEPT. 19, 1996
 ARCHIVED FEB. 22, 1995
 CIRCULATED AUG. 19, 1992 B.R.B.

DATE OF ISSUE
 FEB 20 1997
 LARDER LAKE
 MINING DIVISION
 LAND TITLES/REGISTRY DIVISION

THE INFORMANT APPEARS ON THIS MAP AS BEING FROM VARIOUS AND ACCURATE GUARANTEES WISHING TO BRING CLAIMS IN SUIT WITH THE REGISTRY IN NORTHERN MINING DIVISION AND MINING DIVISION ON THE STATE LANDS SHOWN



41P08E0027 10660 00902 NORTH WILLIAMS

Assay Tables

Hole	From	To	Sample	Cu_ppm	Zn_ppm	Pb_ppm	Mg_ppm	Au_ppb	Ag_ppb	Co_ppm
NW01-01	3	4.5	AT06181	14	2	1	14	5		0.1
NW01-01	4.5	6	AT06182	260	6	1	21	21		0.1
NW01-01	6	7.5	AT06183	83	5	1	17	17		0.1
NW01-01	7.5	9	AT06184	50	7	1	27	27		0.2
NW01-01	9	10.5	AT06185	29	5	1	21	21		0.1
NW01-01	10.5	12	AT06186	19	8	1	21	17		0.1
NW01-01	12	13.5	AT06187	11	3	1	14	7		0.1
NW01-01	13.5	15	AT06188	34	9	5	26	17		0.3
NW01-01	15	16.5	AT06189	15	4	1	14	<2		0.1
NW01-01	16.5	18	AT06190	9	3	1	13	<2		0.1
NW01-01	18	19.5	AT06191	9	3	1	13	<2		0.1
NW01-01	19.5	21	AT06192	13	3	1	13	3		0.1
NW01-01	21	22.5	AT06193	14	4	1	13	3		0.1
NW01-01	22.5	24	AT06194	888	8	1	10	14		0.1
NW01-01	24	25.5	AT06195	1130	4	2	40	3		0.8
NW01-01	25.5	27	AT06196	868	4	1	28	34		0.1
NW01-01	27	28.5	AT06197	33	4	1	15	17		0.1
NW01-01	28.5	30	AT06198	58	5	1	12	3		0.1
NW01-01	30	31	AT06199	182	16	1	16	7		0.2
NW01-01	31	32	AT06180	8	6	1	14	<2		0.1
NW01-01	32	33	AT06181	68	3	8	20	27		1.7
NW01-01	33	34	AT06182	12	6	1	16	3		0.1

Hole	From	To	Sample	Cu_ppm	Zn_ppm	Pb_ppm	Mg_ppm	Au_ppb	Ag_ppb	Co_ppm
NW01-02	4	5	AT06183	327	2	2	2	17	7	0.1
NW01-02	5	6	AT06184	842	16	11	27	14		0.3
NW01-02	6	7.5	AT06185	194	5	7	19	<2		0.1
NW01-02	7.5	9	AT06186	11	4	2	17	<2		0.1
NW01-02	9	10.5	AT06187	91	3	2	22	14		0.3
NW01-02	10.5	12	AT06188	7	3	1	13	<2		0.1
NW01-02	12	13.5	AT06189	11	3	1	15	<2		0.1
NW01-02	13.5	15	AT06190	10	3	1	10	3		0.1
NW01-02	15	16.5	AT06191	100	3	4	21	17		0.2
NW01-02	16.5	21	AT06192	8	2	2	14	<2		0.1
NW01-02	21	22.5	AT06193	21	4	1	12	10		0.1
NW01-02	22.5	24	AT06194	14	6	5	13	14		0.1
NW01-02	24	25.5	AT06195	23	3	3	23	10		0.1

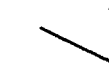



Hole	From	To	Sample	Cu_ppm	Zn_ppm	Pb_ppm	Mg_ppm	Au_ppb	Ag_ppb	Co_ppm
NW01-03	5	6	AT06197	7	4	2	17	<2		0.1
NW01-03	6	7.5	AT06198	6	2	10	12	17		0.1
NW01-03	7.5	9	AT06199	6	2	2	13	7		0.1
NW01-03	9	10.5	AT06200	6	2	2	17	<2		0.1
NW01-03	10.5	12	AT06201	7	2	1	16	24		0.1
NW01-03	12	13.5	AT06202	5	1	1	16	10		0.1
NW01-03	13.5	15	AT06203	7	1	1	16	7		0.1
NW01-03	15	16.5	AT06204	14	1	5	10	10		0.1
NW01-03	16.5	21	AT06205	82	5	10	16	21		0.3
NW01-03	21	22.5	AT06206	5	4	2	13	3		0.1
NW01-03	22.5	24	AT06207	7	2	4	12	<2		0.1
NW01-03	24	25.5	AT06208	13	6	5	13	3		0.1
NW01-03	25.5	27	AT06209	6	4	2	11	3		0.1
NW01-03	27	28.5	AT06210	11	3	4	10	1375		2.4

Hole	From	To	Sample	Cu_ppm	Zn_ppm	Pb_ppm	Mg_ppm	Au_ppb	Ag_ppb	Co_ppm
NW01-04	3	4.5	AT06212	13	3	1	10	<2		0.1
NW01-04	4.5	6	AT06213	18	1	1	8	<2		0.1
NW01-04	6	7.5	AT06214	16	2	1	10	<2		0.1
NW01-04	7.5	9	AT06215	17	2	1	14	<2		0.1
NW01-04	9	10.5	AT06216	24	2	1	18	<2		0.1
NW01-04	10.5	12	AT06217	15	1	1	11	<2		0.1
NW01-04	12	13.5	AT06218	47	1	1	14	7		0.1
NW01-04	13.5	15	AT06219	1070	1	1	44	110		0.4
NW01-04	15	16.5	AT06220	34	2	1	10	14		0.1
NW01-04	16.5	21	AT06221	207	1	1	13	24		0.1
NW01-04	21	22.5	AT06222	367	5	1	18	10		0.1
NW01-04	22.5	24	AT06223	22	1	1	16	7		0.1

Hole	From	To	Sample	Cu_ppm	Zn_ppm	Pb_ppm	Mg_ppm	Au_ppb	Ag_ppb	Co_ppm
NW01-01	14	15	AT06224	8	2	1	15	3		0.1
NW01-01	15	16.5	AT06225	8	1	1	12	<2		0.1
NW01-01	16.5	18	AT06226	7	1	2	13	<2		0.1
NW01-01	18	19.5	AT06227	65	2	1	21	<2		0.1
NW01-01	19.5	21	AT06228	13	2	2	20	<2		0.1
NW01-01	21	22.5	AT06229	289	3	1	16	<2		0.1
NW01-01	22.5	24	AT06230	154	80	4	36	<2		0.3
NW01-01	24	25.5	AT06231	36	2	1	16	<2		0.1
NW01-01	25.5	27	AT06232	287	4	1	12	<2		0.2
NW01-01	27	28.5	AT06233	1,200	4	1	40	3		0.3
NW01-01	28.5	30	AT06234	479	1	1	10	<2		0.2
NW01-01	30	31	AT06235	11	1	1	10	<2		0.1
NW01-01	31	32	AT06236	427	1	1	18	10		0.1

Hole	From	To	Sample	Cu_ppm	Zn_ppm	Pb_ppm	Mg_ppm	Au_ppb	Ag_ppb	Co_ppm
NW01-02	36	37.5	AT06237	7	7	1	16	7		0.1
NW01-02	37.5	39	AT06238	6	4	3	4	<2		0.1
NW01-02	39	40.5	AT06239	6	3	1	9	<2		0.1
NW01-02	40.5	42	AT06240	6	2	2	8	7		0.1
NW01-02	42	43.5	AT06241	4	1	2	5	3		0.1
NW01-02	43.5	45	AT06242	3	1	1	8	3		0.1
NW01-02	45	46.5	AT06243	8	1	5	13	<2		0.1
NW01-02	46.5	47.88	AT06244	3	1	1	7	<2		0.2

Legend

-  Road
-  Hydro Line
-  Claim Line
-  Drill Hole Collar

