

333

200



BOWMAN TWP

333

THE TOWNSHIP OF **BOWMAN**

DISTRICT OF COCHRANE
LARDER LAKE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

- PATENTED LAND (P)
- CROWN LAND SALE LEASES (S) or C.S.
- LOCATED LAND (Loc.)
- LICENSE OF OCCUPATION (L.O.)
- MINING RIGHTS ONLY (M.R.O.)
- SURFACE RIGHTS ONLY (S.R.O.)
- ROADS
- IMPROVED ROADS
- KINDS HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- GEODECTIC STATION

NOTES

- 1. SURFACE RIGHTS RESERVATION AROUND WATBEAG AND RIVERS
- L.O. 8672 issued for flooding rights on Watabeag River
- GRAVEL AND SAND
- (Q) QUARRY PERMIT
- (R) SURFACE AND MINING WITHDRAWN FROM PROSPECTING, STAKING OUT, SALE OR LEASE SECTION 35, THE MINING ACT, R.S.O. 1990. W.E. 2/1/96 NER
- (S) SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAKING OUT, SALE OR LEASE SECTION 35, THE MINING ACT, R.S.O. 1990. W.E. 2/1/96 NER
- APPLICATION PENDING FOR SURFACE RIGHTS UNDER PUBLIC LANDS ACT
- Surface Rights Withdrawn under Sec. 36, The Mining Act R.S.O. 1980. ORDER NO. W-Q/91/QNT (Trans 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)

PLAN NO.- M-333#72

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

Carr Twp

VI

V

IV

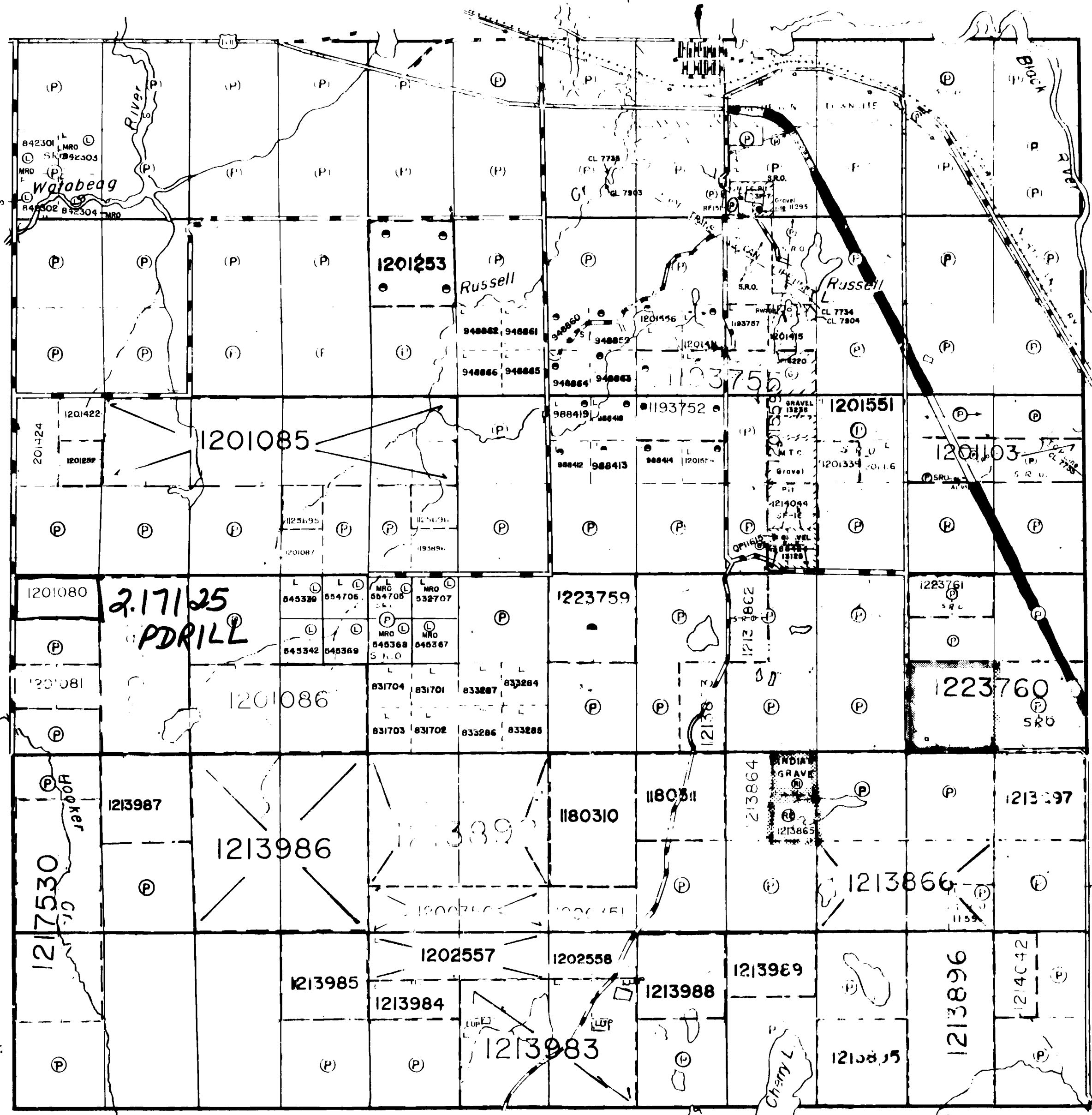
III

II

I

Hislop Twp.

Currie Twp.



2.17125
PDRILL

NOTICE OF FORESTRY ACTIVITY
 THIS TOWNSHIP / AREA FALLS WITHIN THE
 WATABEAG MANAGEMENT UNIT
 AND MAY BE SUBJECT TO FORESTRY OPERATIONS.
 THE MNR UNIT FORESTER FOR THIS AREA CAN BE
 CONTACTED AT: P.O. BOX 129
 SWASTIKA, ONT.
 POK ITO
 705-642-3222

McCann Twp.
 COPY OF THIS MYLAR
 ARCHIVED JUL 14/93
 ARCHIVED JAN 24/97

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



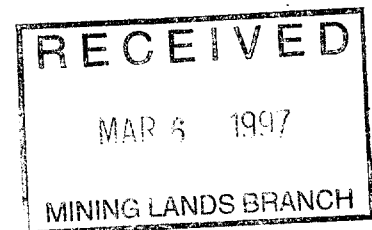
42A07NE0024 2.17125 BOWMAN

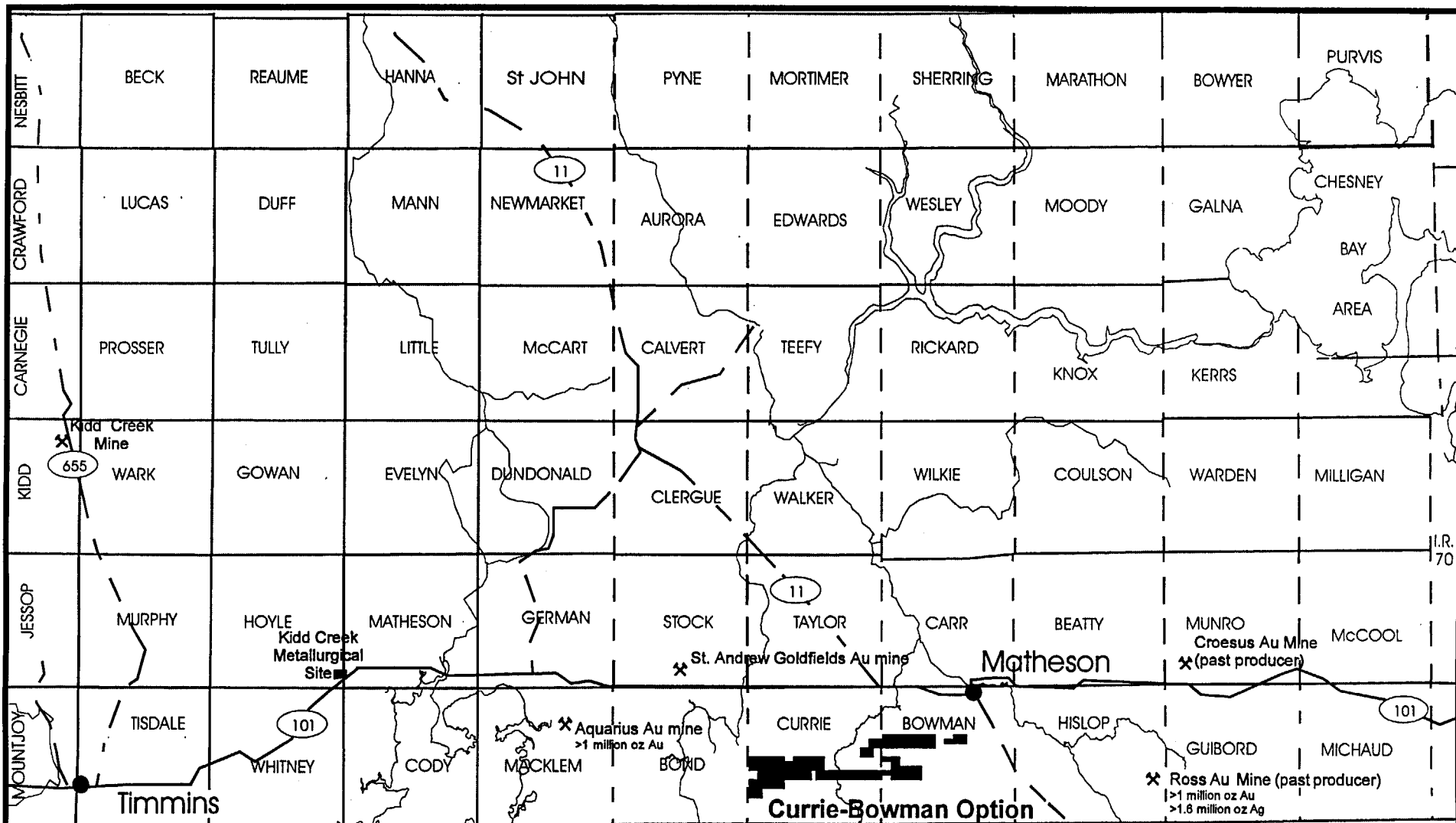
010


**Diamond Drill Assessment Report
Currie-Bowman Townships**

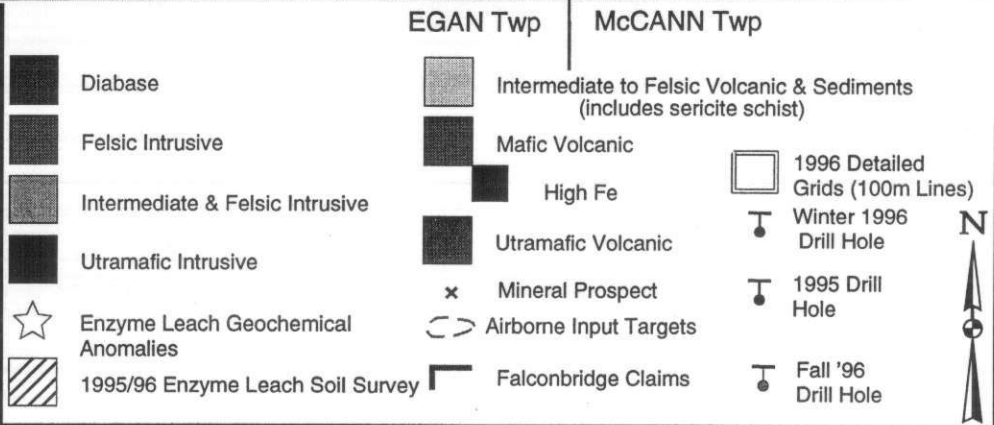
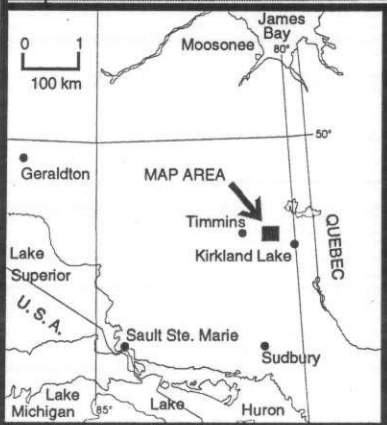
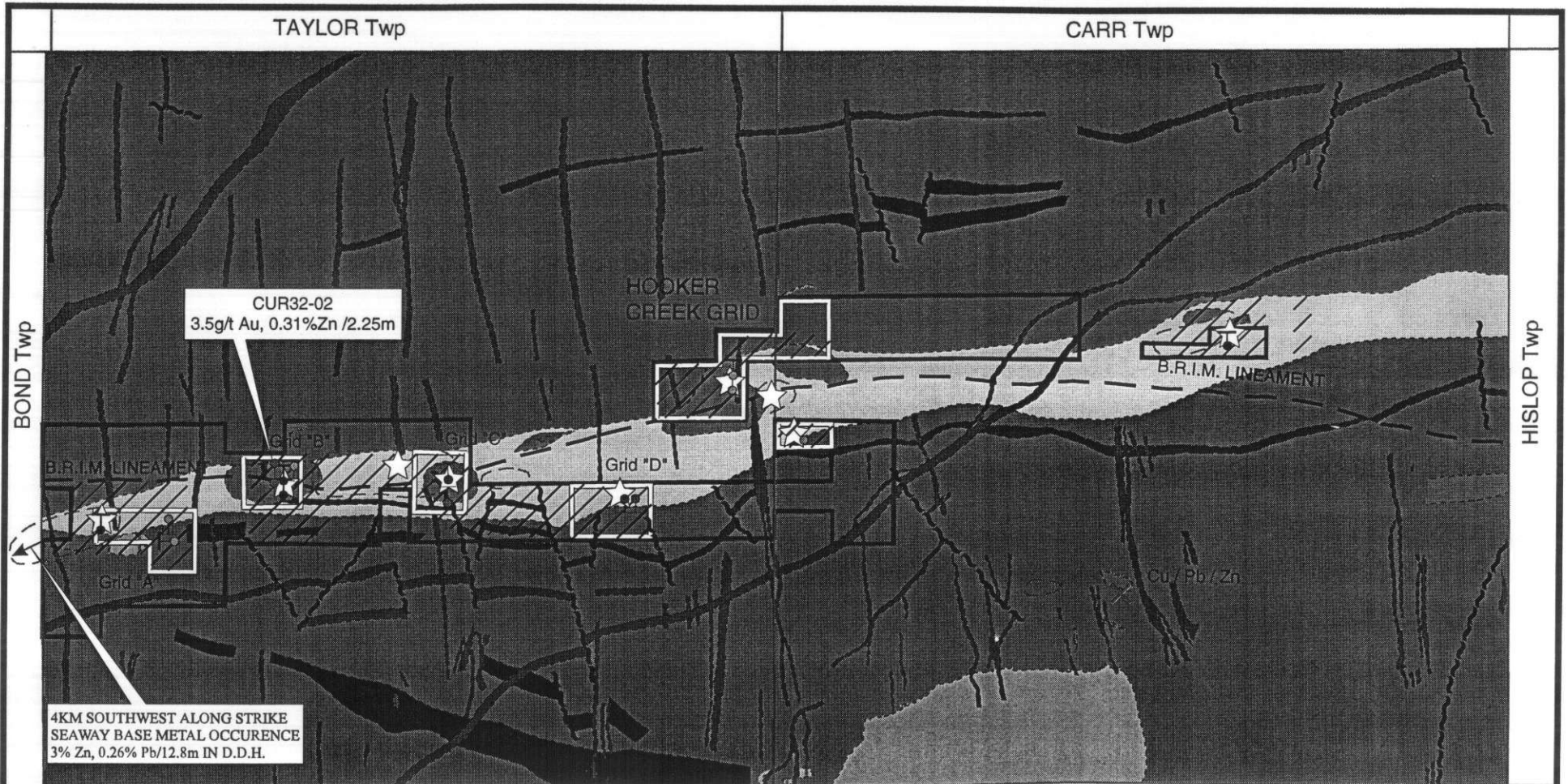
**Falconbridge Limited
March, 1997**

2.17125



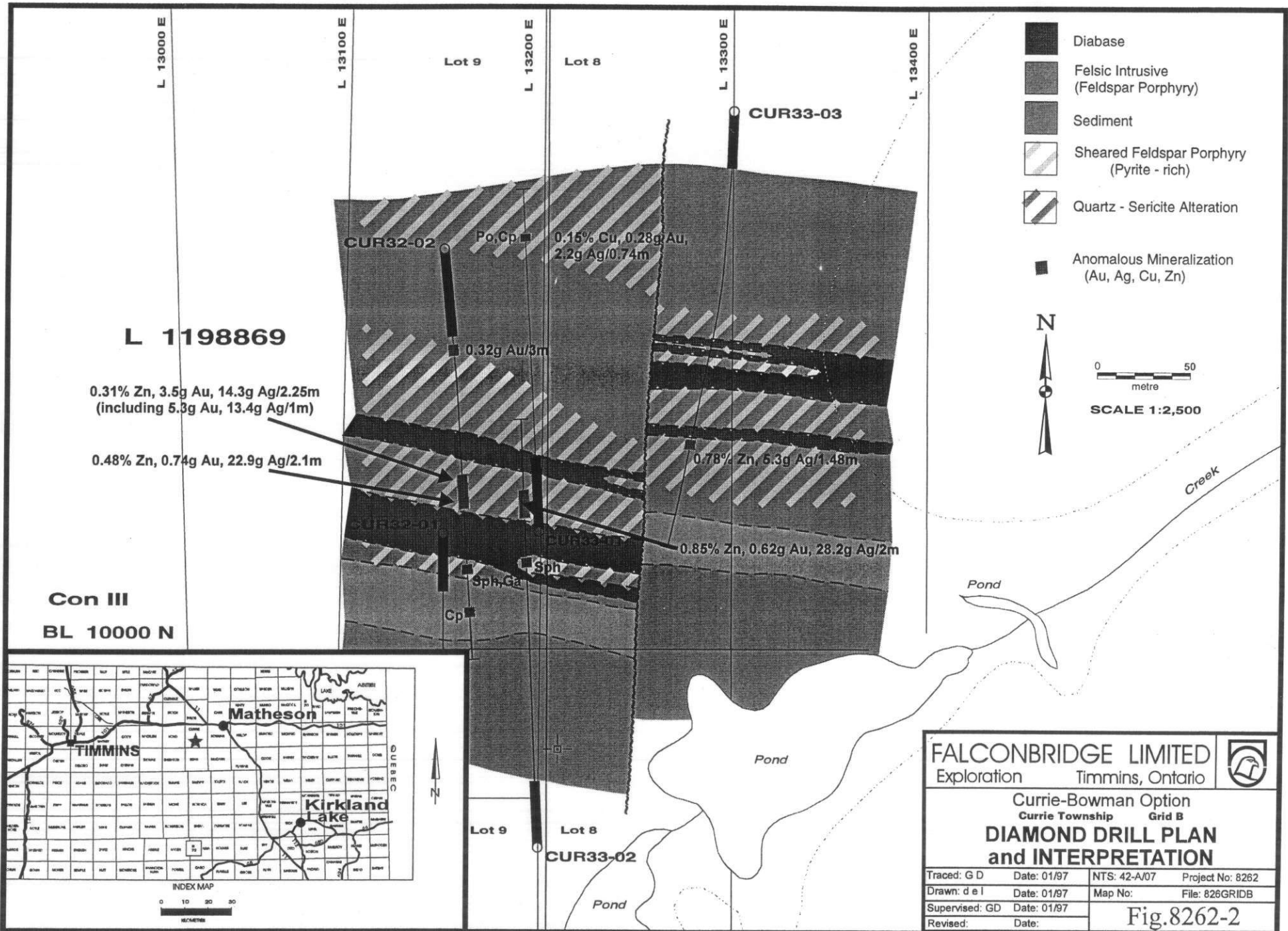








FALCONBRIDGE LIMITED Exploration Timmins, Ontario		
EASTERN ABITIBI PROPERTY LOCATION MAP		
Traced: DEL	Date: 01/95	NTS: 42A/07-10 Project No: 8262
Drawn: TS	Date: 01/95	Map No: File: EASTLOC.CDR
Supervised: GP	Date: 01/95	Fig. 1
Revised: GD	Date: 01/97	

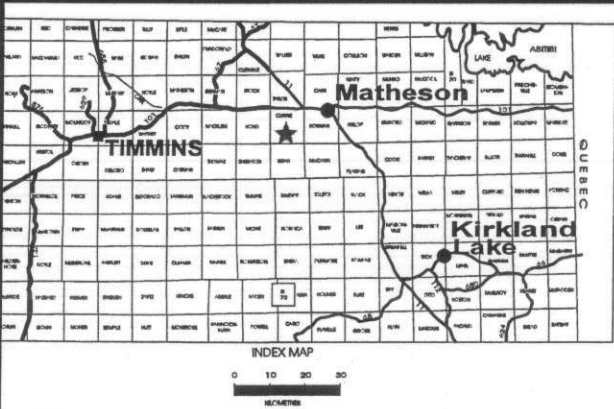
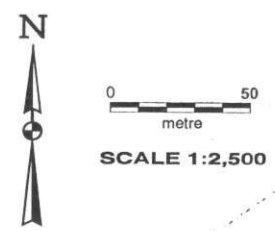



FALCONBRIDGE LIMITED		
Exploration Timmins, Ontario		
CURRIE & BOWMAN Twp.s.		
CURRIE- BOWMAN OPTION COMPILATION		
Traced: RK	Date: 09/94	NTS: 42-A/07 Project No: 8262
Drawn: d e l	Date: 09/94	Map No: File: CURBOW
Supervised: RK	Date: 01/96	Fig. CUR-2
Revised: TS	Date: 09/96	





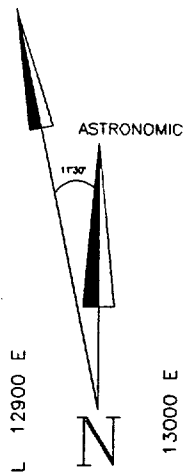
-  Diabase
-  Felsic Intrusive (Feldspar Porphyry)
-  Sediment
-  Sheared Feldspar Porphyry (Pyrite - rich)
-  Quartz - Sericite Alteration
-  Anomalous Mineralization (Au, Ag, Cu, Zn)



FALCONBRIDGE LIMITED		
Exploration Timmins, Ontario		
Currie-Bowman Option Currie Township Grid B		
DIAMOND DRILL PLAN and INTERPRETATION		
Traced: G D	Date: 01/97	NTS: 42-A/07 Project No: 8262
Drawn: d e l	Date: 01/97	Map No: File: 826GRIDB
Supervised: GD	Date: 01/97	
Revised:	Date:	
Fig.8262-2		

Con III

MAG NORTH



Lot 9

Lot 8

TL 10800 N

TL 10400 N

1193806

L 12900 E

L 13000 E

Cu ppm	Zn ppm	Pb ppm	Au ppm	Ag g/t
11	33	21	2	144
13	31	21	4	295
9	29	19	3	298
266	30	19	1	127
19	111	1	1	233
31	163	1	1	233
15	150	1	1	34
13	130	1	1	7
11	114	1	1	21
12	77	1	1	17
17	82	1	1	7
15	106	1	1	17
15	105	1	1	10
17	116	1	1	24
22	101	1	1	24
14	85	1	1	93
12	422	1	1	31
12	181	1	1	48
12	123	1	1	89
12	113	1	1	12
15	713	1	1	69
13	272	1	1	24
13	355	1	1	17
18	122	1	1	89
19	201	1	1	22
29	323	1	1	25
34	244	1	1	27
15	24	1	1	74
11	30	1	1	25
18	55	1	1	25
17	31	1	1	27
12	13	1	1	36
20	24	1	1	29
14	29	1	1	28
15	41	1	1	28
15	31	1	1	28
15	56	1	1	24
16	43	1	1	24
20	53	1	1	23
21	46	1	1	22
21	176	1	1	21
34	259	1	1	28
23	134	1	1	26
23	311	1	1	51
24	2780	1	1	29
33	881	1	1	29
25	799	1	1	33
20	245	1	1	28
20	37	1	1	50
36	92	1	1	29
17	7980	1	1	34
22	81	1	1	28
42	262	1	1	33
48	890	1	1	29
36	65	1	1	49
323	67	1	1	42
23	188	1	1	45
23	48	1	1	32
31	44	1	1	41
27	529	1	1	40
20	34	1	1	11
19	44	1	1	20
22	48	1	1	6
22	27	1	1	9
22	31	1	1	7
27	77	1	1	10
22	95	1	1	10
22	72	1	1	7
15	153	1	1	10
373	50	1	1	10
143	51	1	1	10
120	46	1	1	10
109	55	1	1	10
104	58	1	1	10
139	58	1	1	10
50	62	1	1	10
208	33	1	1	10
66	46	1	1	10
47	32	1	1	10
29	37	1	1	10
29	47	1	1	10
22	46	1	1	10
22	71	1	1	10

CUR33-03
 5370553.64mN (10280mN)
 526612.87mE (L 13300 E)
 Az. 180° Dip -50°

TL 10000 N

1198869

Grindstone

Creek

SEE LEGEND ON SEPARATE PAGE

FALCONBRIDGE LIMITED

Exploration Division

Timmins ONTARIO



CURRIE & BOWMAN PROJECT
 CURRIE TOWNSHIP

DIAMOND DRILL HOLES
 CUR33-03

CUR33-03 DRILLED OCT 19 - 23/96

- UNLOCATED CLAIM POST
- LOCATED CLAIM POST

TRACED: PRODES	DATE: 06/01/97	NTS: 42-A/07. 08 & 10 PROJECT: 8262
DRAWN: d e l	DATE: 03/03/97	MAP No: FILE: 8262 AI
SUPERVISED: G Deschutter	DATE: 28/02/97	SCALE 1:5 000 (metres)
REVISED:	DATE:	0 40 80 120 160

Lot 1

Lot 12

Con IV

Con III

BL 10800-N

1201080

BOW31-01
 5370818.09mN (10560mN)
 533288.43mE (19695mE)
 Az. 310° ; Dip -50°

CURRIE - BOWMAN BOUNDARY ROAD

CURRIE TWP.

L 19600 E

L 19700 E

L 19800 E

L 19900 E

L 20000 E

TL 10400 N

L 20100 E

L 20200 E

L 20300 E

■ LOCATED CLAIM POST

BOW31-01 DRILLED NOV 11 - 15/96

SEE LEGEND ON SEPARATE PAGE

MAG NORTH

ASTRONOMIC

1201081

BOWMAN TWP.

1201083

FALCONBRIDGE LIMITED

Exploration Division

Timmins ONTARIO



CURRIE & BOWMAN PROJECT

BOWMAN TOWNSHIP

DIAMOND DRILL HOLE

Bow31-01

TRACED: PRODES DATE: 06/01/97

NTS: 42-A/07, 08 & 10 PROJECT: 8262

DRAWN: d e l DATE: 28/02/97

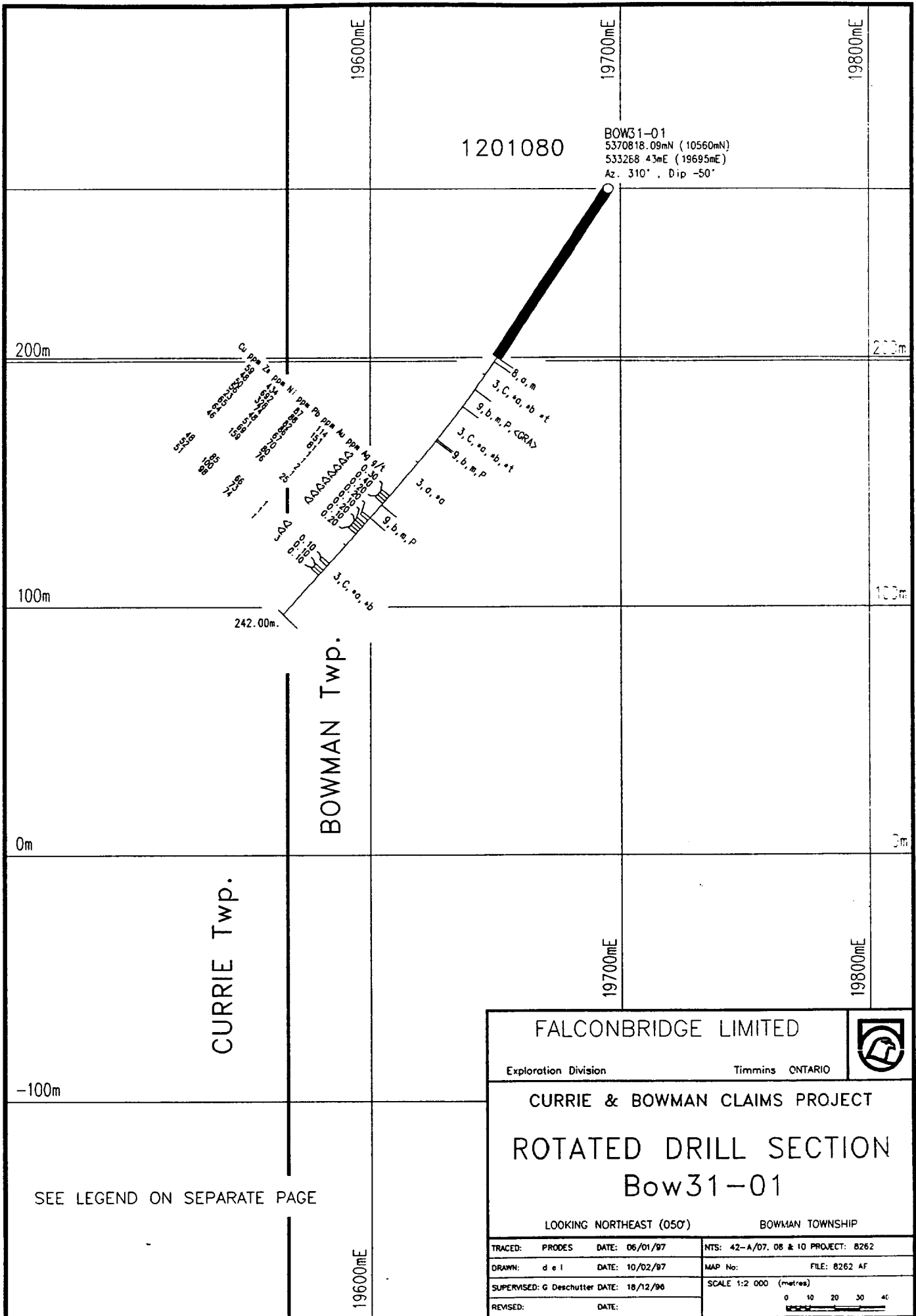
MAP No: FILE: 8262 AE

SUPERVISED: G Deschutter DATE: 28/02/97

SCALE 1:5 000 (metres)

REVISED: DATE:





1201080

BOW31-01
 53708.18.09mN (10560mN)
 53326.8 43mE (19695mE)
 Az. 310° . Dip -50°

200m

200m

100m

100m

0m

0m

-100m

BOWMAN TWP.

CURRIE TWP.

SEE LEGEND ON SEPARATE PAGE

FALCONBRIDGE LIMITED

Exploration Division

Timmins ONTARIO

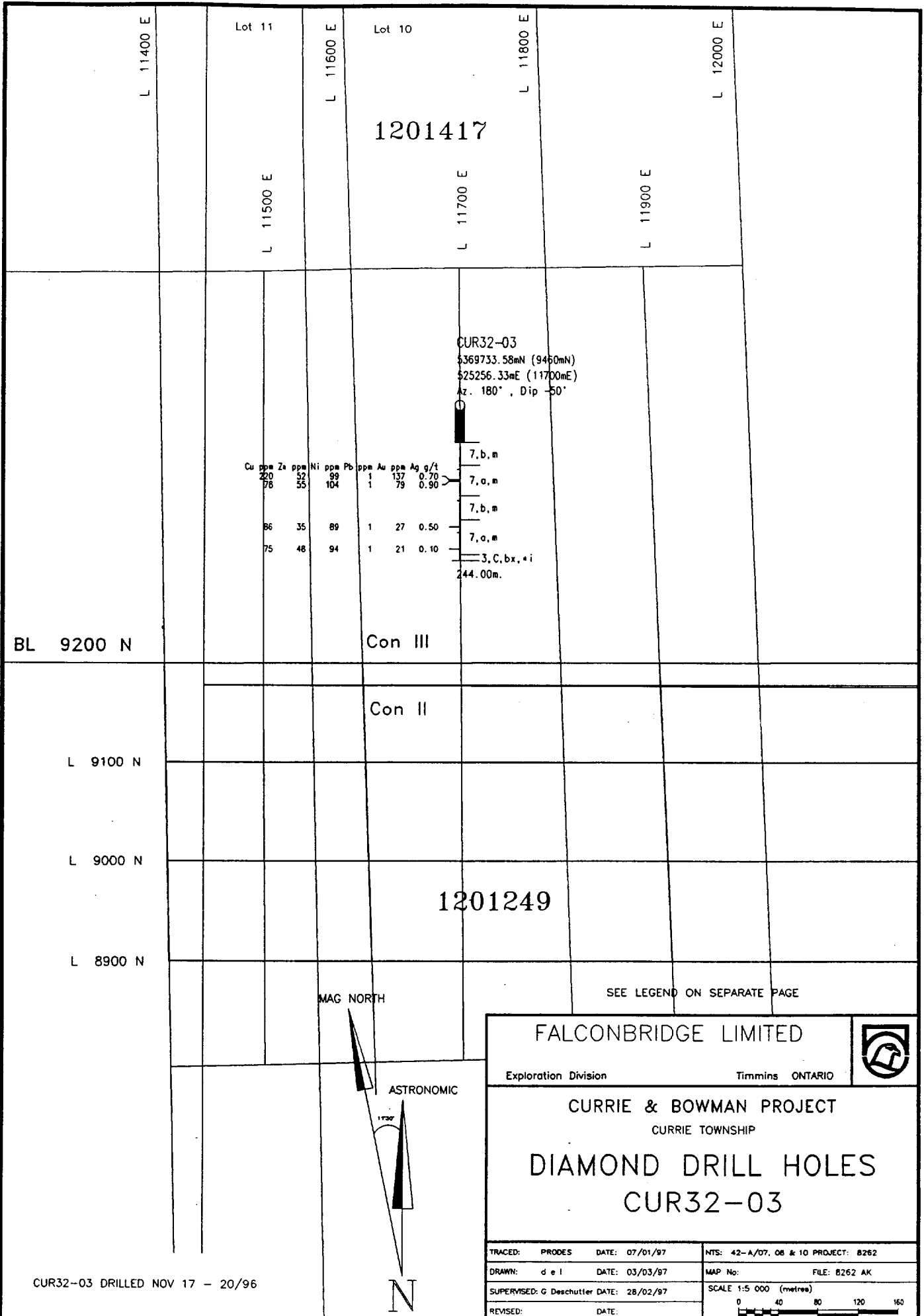


CURRIE & BOWMAN CLAIMS PROJECT
 ROTATED DRILL SECTION
 Bow31-01

LOOKING NORTHEAST (050°)

BOWMAN TOWNSHIP

TRACED: PRODES	DATE: 06/01/97	NTS: 42-A/07. 08 & 10	PROJECT: 8262
DRAWN: d e l	DATE: 10/02/97	MAP No:	FILE: 8262 AF
SUPERVISED: G Deschutter	DATE: 18/12/98	SCALE 1:2 000 (metres)	
REVISED:	DATE:	0 10 20 30 40	



1201417

CUR32-03
 5369733.58mN (9460mN)
 525256.33mE (11700mE)
 Az. 180°, Dip -50°

Cu	Zn	Ni	Pb	Au	Ag
220	52	89	1	137	0.70
78	55	104	1	79	0.90
86	35	89	1	27	0.50
75	48	94	1	21	0.10

- 7.b.m
- 7.a.m
- 7.b.m
- 7.a.m
- 3.C, b.x, +i
- 244.00m.

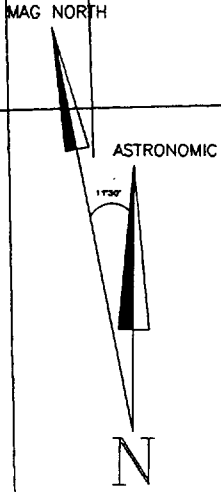
BL 9200 N

Con III

Con II

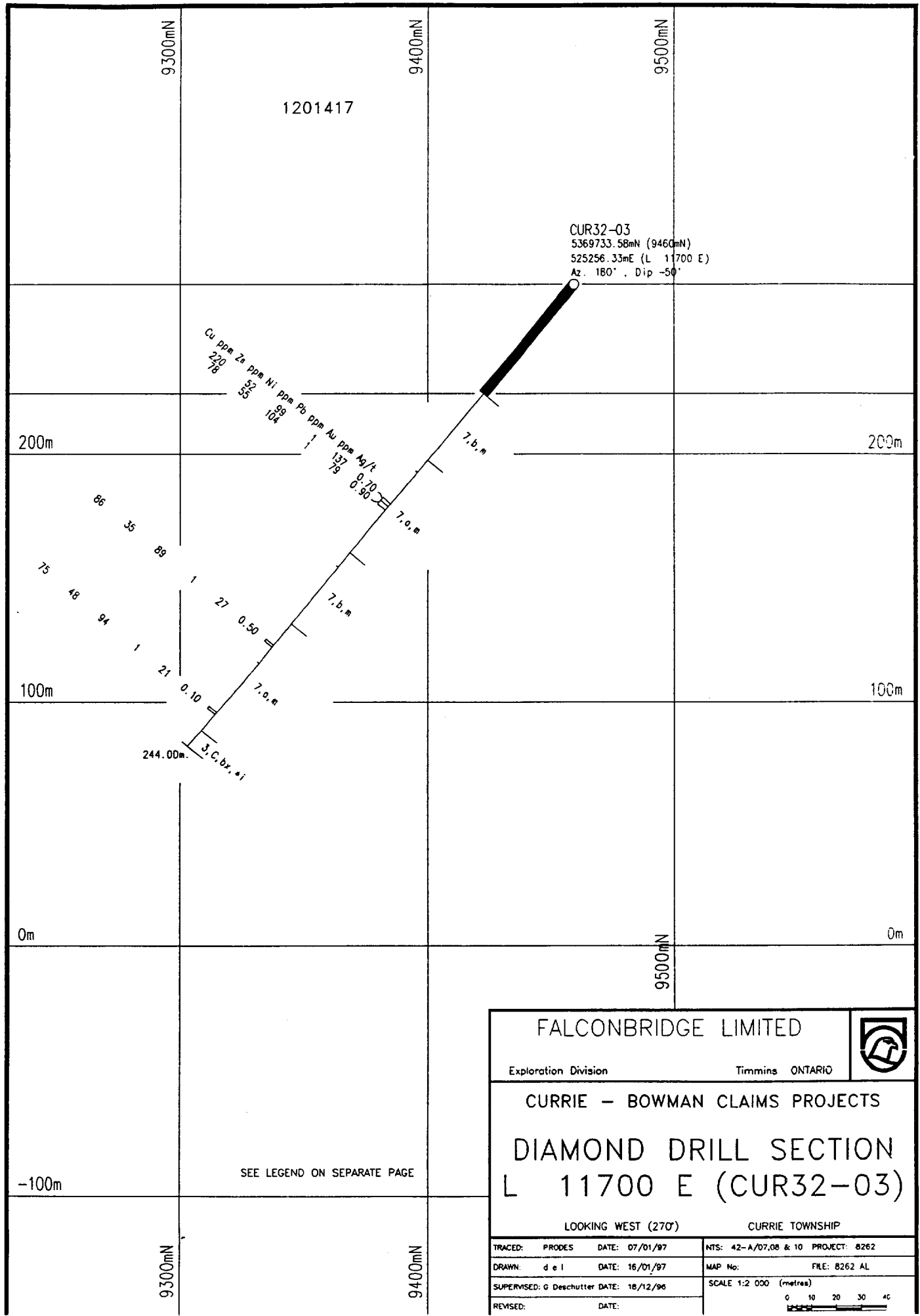
1201249


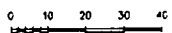
SEE LEGEND ON SEPARATE PAGE



FALCONBRIDGE LIMITED		
Exploration Division	Timmins ONTARIO	
CURRIE & BOWMAN PROJECT CURRIE TOWNSHIP		
DIAMOND DRILL HOLES CUR32-03		
TRACED: PRODES	DATE: 07/01/97	NTS: 42-A/07.06 & 10 PROJECT: 8262
DRAWN: d e l	DATE: 03/03/97	MAP No: FILE: B262 AK
SUPERVISED: G Deschutter	DATE: 28/02/97	SCALE 1:5 000 (metres)
REVISED:	DATE:	0 40 80 120 160

CUR32-03 DRILLED NOV 17 - 20/96



FALCONBRIDGE LIMITED		
Exploration Division	Timmins ONTARIO	
CURRIE - BOWMAN CLAIMS PROJECTS		
DIAMOND DRILL SECTION		
L 11700 E (CUR32-03)		
LOOKING WEST (270°)		CURRIE TOWNSHIP
TRACED: PRODES	DATE: 07/01/97	NTS: 42-A/07.08 & 10 PROJECT: 8262
DRAWN: d e l	DATE: 16/01/97	MAP No: FILE: 8262 AL
SUPERVISED: G Deschutter		DATE: 18/12/96
REVISED:	DATE:	SCALE 1:2 000 (metres)
		0 10 20 30 40 

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 45.00	«08 » Casing Overburden					
45.00 TO 154.75	«9,a,m,P» Felsic Intrusive fine grained massive porphyritic	Massive, medium grey-green feldspar porphyry. The rock is composed of medium grey-green matrix which makes up 35 to 45% of the rock and is composed of very fine grained to aphanitic feldspar +/- quartz and occasional chlorite spec; 55 to 65% of the core is composed of very pale pink to off white sub to euhedral feldspar phenocrysts which range in size from <1mm to 1 cm in size (average 5 mm). First three metres of core are blocky. Core has no foliation (massive) except for occasional sheared zone. Broken/blocky core from 97.04-97.80m. Soft mafic dyklets/xenoliths (?) from 134.10-134.43m and 134.69-134.94m. Lower contact is characterized by more frequent Qt veining and moderate shearing. 128.00-130.00 «9,a,P,*t» Felsic Intrusive fine grained, porphyritic, sheared version of above. ‡128.05-130.00‡« S2 33° S1 shear» Foliation		Interval is relatively fresh with only trace amounts of chlorite alteration disseminated throughout the core in small patches, wisps, and individual grains. Rare mm-sized Qt, and Qt-Ca veinlets and fracture fillings cut the core at all angles.	Trace pyrite associated with Qt-Ch veinlets (up to 0.5 %).	
154.75 TO 182.22	«9,a,P,*t» Felsic Intrusive fine grained porphyritic sheared	Variably Ch-altered, Qt+/-Ca veined, sulphidized, sheared feldspar porphyry. Foliation in the core varies from 35 to 55° to C.A. and is imparted by the alignment of micaceous mineral (chlorite ± sericite). Relict feldspar phenocrysts are slightly flattened in the plane of the foliation. Qt+/-Ca veinlets, mm to cm wide, cut the core usually parallel to shear foliation and occasionally at other, random angles. Waxy appearance to core over the last 22 cm of the unit. ‡158.90-159.00‡« S2 50° shear» Foliation shear foliation imparted by phyllosilicates. ‡172.30-172.40‡« S2 35° shear» Foliation shear foliation in core. ‡178.85-178.95‡« S2 52° shear» Foliation shear foliation		Weak, pervasive chloritization dominates as the alteration phase and imparts a greenish tint to the core. mm to cm sized Qt and Qt±Ca veinlets common. Weak hematization over the last 22 cm of unit. 154.75-181.10 «ChPw» weak, pervasive, chloritization ‡154.75-181.10‡«ChPw» weak, pervasive, chloritization 181.10-182.00 «SeSw» weak, spotty, sericitization 182.00-182.22 «HeSw,SiPw» weak, spotty, hematization; weak, pervasive, silicification	Smears, stringers, bands, and fine disseminations of pyrite from 0.5 to locally 20% over small (1cm) intervals. Average pyrite concentration over completed interval is about 2-3%. Py bands and wisps frequently parallel the shear foliation in the core. ‡154.75-182.22‡«Py03.0-5.0%» 3.0-5.0% disseminated/blebby pyrite	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
182.22 TO 183.95	«10,a,m» Diabase fine grained massive	Magnetic, massive, fine grained diabase dyke. First and last 10 cm have chilled texture. Rare mm sized Py blebs disseminated throughout unit (to 5%). Highly irregular upper and lower contacts with sheared porphyry.				
183.95 TO 186.82	«9,a,p,*t» Felsic Intrusive fine grained porphyritic sheared	Medium grey, moderately altered, fine to medium grained, sheared feldspar porphyry. Core has a ghostly appearance where relict phenocrysts are still visible. 185.70-186.00 «10,a,m» Diabase fine grained, massive,		Predominantly weak and pervasive chloritization and silicification; weak fracture controlled sericitization. ‡183.95-186.82‡«ChPW, SiPW, SeFW» weak, pervasive, chloritization; weak, pervasive, silicification; weak, fracture/vein controlled, sericitization	3-5% finely disseminated Py; pale coloured Sph(?) blebs associated with small quartz stringers and blebs. ‡183.95-186.82‡«Py0.1-3.0%» 1.0-3.0% disseminated/blebby pyrite	
186.82 TO 189.90	«10,a,m» Diabase fine grained massive	Massive, fine grained, magnetitic diabase dyke. 188.15-188.60 «9,a,p,*t» Felsic Intrusive fine grained, porphyritic, sheared				
189.90 TO 200.55	«9,a,b,p,*t» Felsic Intrusive fine grained medium grained porphyritic sheared	Fine to medium grained, grey-green, well foliated (sheared) feldspar porphyry. Foliation is imparted by flattened phenocrysts and micaceous minerals (chlorite and sericite). ‡195.70-195.80‡«S2 45°-shear» Foliation shear foliation imparted by micaceous minerals and flattened phenocrysts.		Chloritization and sericitization dominate; core takes on a salmon pink to red colour at the bottom of unit probably reflecting weak hematization. 30 cm wide quartz veined zone at 192m. ‡189.90-193.40‡«ChPW» weak, pervasive, chloritization ‡193.40-198.70‡«SePW, ChPW» weak, pervasive, sericitization; weak, pervasive, chloritization ‡198.70-200.55‡«HePW, SePW» weak, pervasive, hematization; weak, pervasive, sericitization	Very fine grained pyrite (1-2%) disseminated throughout interval; mm sized blebs of very pale sphalerite locally up to 1% spatially associated with quartz veins. ‡189.90-200.55‡«Py0.5-2.0%, Sph0.1-1.0%» 0.5-2.0% disseminated/blebby pyrite; 0.1-1.0% disseminated/blebby sphalerite	
200.55 TO 218.17	«10,a,m» Diabase fine grained massive	Massive, fine grained, magnetic diabase dyke. Hematite staining imparts a speckled red, black and green texture. Bottom 20 cm is chilled.				

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
218.17 TO 248.95	«9,a,P,*t» Felsic Intrusive fine grained porphyritic sheared	Grey-green, fine grained, well foliated feldspar porphyry. Sericite and chlorite are the main alteration phases. Foliation ranges from 25 to 55° to C.A and averages 45°. Rock is paler than previous 9,P,*t unit due to more sericite alteration (less chlorite?). ‡219.00-219.10‡S2 46°‡shear‡ Foliation shear foliation ‡224.25-224.35‡S2 24°‡shear‡ Foliation shear foliation ‡231.25-231.35‡S2 45°‡shear‡ Foliation shear foliation ‡241.27-241.37‡S2 45°‡shear‡ Foliation shear foliation ‡247.50-247.60‡S2 54°‡shear‡ Foliation shear foliation		Weak hematization at top of unit followed by silicification (abundant quartz veining) then sericitization and chloritization. Rare mm-sized bright green blebs (fuchsite) scattered throughout interval parallel to shear foliation. Different alteration abundances give the core a slightly banded appearance. ‡218.17-219.20‡HePW ,SiPW‡ weak, pervasive, hematization; weak, pervasive, silicification ‡219.80-221.50‡SiFM‡ moderate, fracture/vein controlled, silicification ‡221.50-248.95‡SePW ,ChPW‡ weak, pervasive, sericitization; weak, pervasive, chloritization	The unit generally contains 2-5% pyrite with enriched zones over 10cm reaching 50% Py. One 3.5 metre zone contains very pale (honey coloured) sphalerite in smears and stringers (locally up to 2% Sph over 30cm). ‡218.17-248.95‡Py01.0-5.0%‡ 1.0-5.0% disseminated/blebby pyrite usually parallel to the shear foliation. 225.43-225.55 «Py»M30.0-50.0%,‡ 30.0-50.0% massive ‡239.00-243.30‡Sph0.1-2.0%‡ 0.1-2.0% disseminated/blebby sphalerite (very pale coloured; Zn-rich).	
248.95 TO 254.25	«10,a,m» Diabase fine grained massive	Massive, fine grained, magnetic diabase dyke. Unit has distinct chilled and weakly pyritic margins.				
254.25 TO 304.20	«9,a,P,*t» Felsic Intrusive fine grained porphyritic sheared	Strongly sheared, variably altered and sulphidized, feldspar porphyry. This unit contains abundant pyrite ranging from 3 to 50% as disseminations, bands, blebs and semi massive zones. Qtz/-Ca veins and veinlets are relatively common and are usually <3cm wide. Small bright green fuchsite grains are relatively common. Small intervals (<10cm) have a brecciated appearance where cm scale fragments of sheared porphyry appear cemented by fine grained pyrite. Rare cherty fragments which have a distinct waxy look are scattered throughout interval. Most of the pyrite banding and wisps are oriented parallel to the shear foliation. Shearing averages 45° to C.A. Interval from 287.20 to 293.40m has a pyritic breccia texture where fine grained granular pyrite appears to cement fragments of sheared porphyry.		Most of interval has a banded appearance due to different concentrations of sericite and chlorite. Small grains of bright green fuchsite are relatively common and are oriented parallel to the foliation. Cherty-looking fragments and masses usually associated with granular pyrite @ 270.30m; 283.80m; 288.40m. Concentration of fuchsite grains @ 301m.	Most of interval is pyrite-rich. Sulphide concentrations range from 3 to locally 50% Py over small intervals. ‡254.25-257.68‡Py03.0-10.0%‡ 3.0-10.0% disseminated/blebby pyrite ‡262.60-272.60‡Py02.0-7.0%‡ 2.0-7.0% disseminated/blebby pyrite ‡272.60-287.69‡Py02.0-3.0%‡ 2.0-3.0% disseminated/blebby ‡287.69-299.50‡Py02.0-10.0%‡ 2.0-10.0% disseminated/blebby ‡299.50-299.85‡PyM40.0-60.0%‡ 40.0-60.0% massive	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		255.73-256.55 «10,a,m» Diabase fine grained, massive, magnetic			{299.85-304.20} «Py» 01.0-5.0% 1.0-5.0% disseminated/blebby	
		{257.68-259.59} «10,a,m» Diabase fine grained, massive, magnetic				
		260.11-260.60 «10,a,m» Diabase fine grained, massive, magnetic, chilled margins.				
		{261.90-262.00} «S2 45° shear» Foliation Orientation of a pyritic band in sheared porphyry.				
		{268.70-268.80} «S2 40° shear» Foliation shear foliation				
		{281.20-281.30} «S2 45° shear» Foliation shear foliation				
		{293.50-293.60} «S2 45° shear» Foliation orientation of pyritic banding				
		{300.85-300.95} «S2 45° shear» Foliation shear foliation.				
304.20 TO 314.45	«9,a,m,P» Felsic Intrusive fine grained massive porphyritic	Fine grained, grey, massive (non-foliated), weakly altered feldspar porphyry. Sub to euhedral light grey green phenocrysts 1mm to 1 cm in size make up approximately 30% of the core and are set in a medium grey aphanitic to very fine grained matrix which makes up 70% of the core. There is a gradational change from the foliated to the massive porphyry.		Weak silicification imparts a ghostly grey colour to the core.	Trace to 0.5% very fine grained Py disseminated throughout interval but mostly concentrated in and around Qt veinlets and fracture fillings.	
314.45 TO 338.00	«5,a,<ARG>» Sedimentary fine grained mudstone-argillite	Bedded dark and medium grey, fine grained argillite. Bedding averages 45° to C.A. Few lighter grey-coloured seams are coarser grained (wacke). Core is very weakly conductive. Mixed zone of sedimentary and intrusive breccia from 324.75 to 326.10m. {320.00-320.10} «S0 35°» Bedding bedding in the argillite		Minor Qt and Qt-Ca veinlets cut the core parallel and oblique to bedding.		

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
338.00 TO 338.00	«EOH» End-Of-Hole	{322.66-327.61} «9,P» Feldspar porphyritic dyke segment with chilled margins. {332.20-332.30} «S0 45°} » Bedding bedding in the argillite				Total of 54 boxes of BQ core; hole is capped and not making water; stored at Kidd Creek minesite.

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 %	ROCK TYPE	Comments
AT04251	59.25	60.50	1.25	11	33	2	21	144	0.2										0.0	0.0	0.5	0.0	0.0	0.0	9,a,P	
AT04252	76.25	77.50	1.25	13	31	4	21	295	0.4										0.0	0.0	0.1	0.0	0.0	0.0	9,a,P,*t	
AT04253	128.00	129.50	1.50	9	29	3	19	298	0.5										0.0	0.0	0.1	0.0	0.0	0.0	9,P,*t	
AT04254	153.50	155.00	1.50	8	30	1	20	127	0.3										0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	
AT04255	155.00	156.50	1.50	266	111	1	22	233	0.3										0.0	0.0	0.1	0.0	0.0	0.0	9,P,*t	
AT04256	156.50	158.00	1.50	19	183	1	21	14	0.2										0.0	0.0	2.0	0.0	0.0	0.0	9,P,*t	
AT04257	158.00	159.50	1.50	31	171	5	21	34	0.2										0.0	0.0	5.0	0.0	0.0	0.0	9,P,*t	
AT04258	159.50	161.00	1.50	15	130	1	22	7	0.1										0.0	0.0	2.0	0.0	0.0	0.0	9,P,*t	
AT04259	161.00	162.50	1.50	13	114	1	24	7	0.1										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT04260	162.50	164.00	1.50	12	117	1	20	21	0.2										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT04261	164.00	165.50	1.50	11	77	1	21	17	0.3										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT04262	165.50	167.00	1.50	12	79	1	19	7	0.1										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT04263	167.00	168.50	1.50	12	82	1	19	17	0.2										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT04264	168.50	170.00	1.50	17	109	1	22	10	0.1										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT04265	170.00	171.50	1.50	16	105	4	21	10	0.2										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT04266	171.50	173.00	1.50	15	116	9	22	24	0.2										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT04267	173.00	174.50	1.50	17	103	10	21	93	0.5										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT04268	174.50	176.00	1.50	12	85	9	23	31	0.2										0.0	0.0	0.5	0.0	0.0	0.0	9,P,*t	
AT04269	176.00	177.50	1.50	22	422	143	19	48	0.3										0.0	0.0	2.0	0.0	0.0	0.0	9,P,*t	
AT04270	177.50	179.00	1.50	14	181	12	21	89	0.2										0.0	0.0	3.0	0.0	0.0	0.0	9,P,*t	
AT04271	179.00	180.50	1.50	12	123	5	24	147	0.2										0.0	0.0	2.0	0.0	0.0	0.0	9,P,*t	
AT04272	180.50	181.05	0.55	16	113	8	26	69	0.1										0.0	0.0	1.0	0.0	0.0	0.0	9,P,*t	
AT04273	181.05	181.79	0.74	12	111	8	23	24	0.2										0.0	0.0	1.0	0.0	0.0	0.0	9,P,*t	
AT04274	181.79	182.22	0.43	15	713	131	24	17	0.4										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT04275	183.95	185.50	1.55	11	272	55	23	<2	0.1										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT04276	186.00	186.82	0.82	13	355	69	22	<2	0.2										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT04277	189.90	191.40	1.50	18	122	21	22	<2	0.1										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT04278	191.40	192.90	1.50	28	201	33	25	7	0.2										0.0	0.0	1.0	0.0	0.0	0.0	9,P,*t	
AT04279	192.90	194.40	1.50	19	323	41	27	7	0.1										0.0	0.0	1.0	0.0	0.5	0.0	9,P,*t	
AT04280	194.40	195.90	1.50	29	244	83	24	21	0.8										0.0	0.0	1.5	0.0	0.1	0.0	9,P,*t	
AT04281	195.90	197.40	1.50	34	24	6	26	7	0.1										0.0	0.0	1.0	0.0	0.0	0.0	9,P,*t	
AT04282	197.40	198.90	1.50	15	53	5	25	3	0.1										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT04283	198.90	200.55	1.65	11	30	1	25	<2	0.1										0.0	0.0	1.0	0.0	0.0	0.0	9,P,*t	
AT04284	218.17	219.00	0.83	31	55	7	27	3	0.2										0.0	0.0	0.5	0.0	0.0	0.0	9,P,*t	
AT04285	219.00	220.50	1.50	18	31	5	28	<2	0.2										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT04286	220.50	222.00	1.50	17	13	5	30	3	0.2										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT04287	222.00	223.50	1.50	14	24	3	29	<2	0.2										0.0	0.0	3.5	0.0	0.0	0.0	9,P,*t	
AT04288	223.50	225.00	1.50	12	29	5	28	<2	0.1										0.0	0.0	0.5	0.0	0.0	0.0	9,P,*t	
AT04289	225.00	226.50	1.50	20	41	20	29	3	0.2										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT04290	226.50	228.00	1.50	14	31	5	24	<2	0.1										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT04291	228.00	229.50	1.50	15	56	7	23	<2	0.1										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT04292	229.50	231.00	1.50	15	45	4	23	<2	0.2										0.0	0.0	2.0	0.0	0.0	0.0	9,P,*t	
AT04293	231.00	232.50	1.50	16	53	3	22	7	0.2										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT04294	232.50	234.00	1.50	21	46	1	21	7	0.2										0.0	0.0	0.5	0.0	0.0	0.0	9,P,*t	
AT04295	234.00	235.50	1.50	20	176	5	28	14	0.4										0.0	0.0	0.5	0.0	0.0	0.0	9,P,*t	
AT04296	235.50	237.00	1.50	27	259	3	26	69	0.4										0.0	0.0	1.0	0.0	0.0	0.0	9,P,*t	
AT04297	237.00	238.50	1.50	30	134	9	31	110	1.4										0.0	0.0	0.1	0.0	0.0	0.0	9,P,*t	

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 %	ROCK TYPE	Comments
AT04298	238.50	240.00	1.50	22	311	4	29	75	0.7										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT04299	240.00	241.50	1.50	59	2280	5	29	55	0.6										0.0	0.0	2.5	0.0	1.5	0.0	9,P,*t	
AT04300	241.50	243.00	1.50	24	881	7	33	41	0.7										0.0	0.0	1.5	0.0	0.1	0.0	9,P,*t	
AT05751	243.00	244.50	1.50	33	789	13	29	48	0.4										0.0	0.0	1.0	0.0	0.0	0.0	9,P,*t	
AT05752	244.50	246.00	1.50	25	245	14	30	65	2.1										0.0	0.0	0.5	0.0	0.1	0.0	9,P,*t	
AT05753	246.00	247.50	1.50	15	37	14	29	41	1.5										0.0	0.0	3.0	0.0	0.0	0.0	9,P,*t	
AT05754	247.50	248.95	1.45	20	92	11	29	14	0.4										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT05756	254.25	255.73	1.48	361	7980	47	34	69	5.3										0.0	0.0	7.5	0.0	0.0	0.0	9,P,*t	
AT05757	256.55	257.68	1.13	17	93	32	28	24	1.5										0.0	0.0	5.0	0.0	0.0	0.0	9,P,*t	
AT05758	256.59	260.11	3.52	22	81	29	33	27	2.6										0.0	0.0	8.5	0.0	0.0	0.0	9,P,*t	
AT05759	260.60	262.10	1.50	42	262	10	49	17	1.3										0.0	0.0	3.0	0.0	0.0	0.0	9,P,*t	
AT05760	262.10	263.60	1.50	58	890	6	42	7	1.6										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT05761	263.60	265.10	1.50	49	65	6	45	10	0.8										0.0	0.0	3.0	0.0	0.0	0.0	9,P,*t	
AT05762	265.10	266.60	1.50	36	67	9	32	10	0.9										0.0	0.0	4.5	0.0	0.0	0.0	9,P,*t	
AT05763	266.60	268.10	1.50	323	198	7	41	3	2.2										0.0	0.0	3.5	0.0	0.0	0.0	9,P,*t	
AT05764	268.10	269.60	1.50	23	48	8	44	21	0.5										0.0	0.0	6.0	0.0	0.0	0.0	9,P,*t	
AT05765	269.60	271.10	1.50	31	322	11	40	10	1.2										0.0	0.0	5.0	0.0	0.0	0.0	9,P,*t	
AT05766	271.10	272.60	1.50	27	521	20	44	7	0.7										0.0	0.0	4.5	0.0	0.0	0.0	9,P,*t	
AT05767	272.60	274.10	1.50	20	30	6	46	7	0.5										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT05768	274.10	275.60	1.50	20	34	3	48	10	0.5										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT05769	275.60	277.10	1.50	19	27	4	51	10	0.5										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT05770	277.10	278.60	1.50	22	31	3	50	7	0.5										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT05771	278.60	280.10	1.50	23	77	2	43	3	0.9										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT05772	280.10	281.60	1.50	27	95	5	47	3	0.9										0.0	0.0	2.5	0.0	0.0	0.0	9,P,*t	
AT05773	281.60	283.10	1.50	22	72	3	50	3	0.5										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT05774	283.10	284.60	1.50	35	153	6	51	<2	0.6										0.0	0.0	4.0	0.0	0.0	0.0	9,P,*t	
AT05775	284.60	286.10	1.50	31	373	3	46	10	0.4										0.0	0.0	5.0	0.0	0.0	0.0	9,P,*t	
AT05776	286.10	287.60	1.50	26	145	4	55	7	0.6										0.0	0.0	6.5	0.0	0.0	0.0	9,P,*t	
AT05777	287.60	289.10	1.50	28	120	5	58	10	0.8										0.0	0.0	3.6	0.0	0.0	0.0	9,P,*t	bx zone
AT05778	289.10	290.60	1.50	36	109	4	58	3	0.7										0.0	0.0	5.0	0.0	0.0	0.0	9,P,bx,*t	
AT05779	290.60	292.10	1.50	26	104	7	62	3	0.6										0.0	0.0	3.0	0.0	0.0	0.0	9,P,bx,*t	
AT05780	292.10	293.60	1.50	29	139	9	53	10	0.7										0.0	0.0	4.0	0.0	0.0	0.0	9,P,bx,*t	
AT05781	293.60	295.10	1.50	22	50	7	46	14	0.5										0.0	0.0	4.0	0.0	0.0	0.0	9,P,bx,*t	
AT05782	295.10	296.60	1.50	33	149	32	57	34	1.8										0.0	0.0	6.5	0.0	0.0	0.0	9,P,bx,*t	
AT05783	296.60	298.10	1.50	28	208	32	53	41	1.8										0.0	0.0	5.0	0.0	0.0	0.0	9,P,*t	
AT05784	298.10	299.50	1.40	34	66	31	47	10	0.6										0.0	0.0	4.0	0.0	0.0	0.0	9,P,*t	
AT05785	299.50	299.85	0.35	58	31	46	19	17	4.8										0.0	0.0	60.0	0.0	0.0	0.0	9,P,<Py>,*t	
AT05786	299.85	301.35	1.50	27	47	7	39	3	0.4										0.0	0.0	2.0	0.0	0.0	0.0	9,P,*t	
AT05787	301.35	302.85	1.50	40	36	1	25	<2	0.1										0.0	0.0	1.5	0.0	0.0	0.0	9,P,*t	
AT05788	302.85	304.35	1.50	26	34	1	22	<2	0.1										0.0	0.0	0.5	0.0	0.0	0.0	9,P,*t	
AT05789	304.35	305.85	1.50	16	42	1	25	7	0.1										0.0	0.0	0.5	0.0	0.0	0.0	9,P,*t	
AT05790	305.85	307.35	1.50	26	33	1	24	<2	0.1										0.0	0.0	0.5	0.0	0.0	0.0	9,P,*t	
AT05791	307.35	308.85	1.50	21	35	1	24	<2	0.1										0.0	0.0	0.1	0.0	0.0	0.0	9,P,m,<S1>	
AT05792	308.85	310.35	1.50	33	31	1	29	<2	0.1										0.0	0.0	0.0	0.0	0.0	0.0	9,P,m	

Sample	From (M)	To (M)	Leng. (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
AT05662	53.00	56.00	3.00	64.75	16.25	3.07	1.63	5.89	1.00	2.71	0.30	0.14	0.03	0.08	2.45	98.30	<2	70		10	20	35		9,a,m,P	9JA	163
AT05663	83.00	86.00	3.00	65.92	16.28	3.72	1.56	5.82	0.84	2.82	0.29	0.16	0.03	0.11	1.88	99.43	4	50		10	5	40		9,a,m,P	9JA	157
AT05664	113.00	116.00	3.00	65.84	16.54	3.72	1.53	5.83	0.76	2.63	0.30	0.14	0.03	0.08	1.63	99.03	<2	76		5	5	45		9,a,m,P	9JA	160
AT05665	158.00	161.00	3.00	61.51	16.16	3.94	2.48	3.82	1.06	4.88	0.49	0.16	0.10	0.02	4.49	99.11	10	96		10	105	30		9,P,*t	8j	183
AT05666	191.00	194.00	3.00	63.08	17.08	2.47	2.22	4.70	1.74	5.71	0.55	0.18	0.12	0.04	2.64	100.53	12	178		10	130	50		9,P,*t	8j	192
AT05667	221.00	224.00	3.00	65.38	16.74	1.20	0.77	5.17	2.50	3.18	0.53	0.18	0.02	0.05	2.65	98.37	10	114		10	15	30		9,P,*t	8j\$	189
AT05668	263.00	266.00	3.00	64.53	15.95	2.71	0.65	3.19	1.76	4.22	0.62	0.18	0.02	0.06	4.29	98.18	12	106		10	20	20		9,P,*t	8j\$	208
AT05669	293.00	296.00	3.00	62.93	17.03	1.75	0.75	3.91	1.62	4.71	0.63	0.20	0.01	0.06	4.67	98.27	6	260		10	95	55		9,P,*t	8j\$	234
AT05670	311.00	314.00	3.00	64.51	16.66	3.30	1.87	6.59	0.64	3.60	0.41	0.18	0.04	0.06	2.81	100.67	6	88		15	15	45		9,P	9JA	158

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	SM PPM	CD PPM	SB PPM	BI PPM	SE PPM	HF PPM	TA PPM	W PPM	MO PPM	TH PPM	U PPM	B PPM	CS PPM	LA PPM	CE PPM	NO PPM	
AT05662	53.00	56.00	3.00						15		100	70																		
AT05663	83.00	86.00	3.00						15		100	70																		
AT05664	113.00	116.00	3.00						15		<100	70																		
AT05665	158.00	161.00	3.00						10		3500	85																		
AT05666	191.00	194.00	3.00						15		3800	95																		
AT05667	221.00	224.00	3.00						10		22800	90																		
AT05668	263.00	266.00	3.00						10		36800	105																		
AT05669	293.00	296.00	3.00						10		46400	110																		
AT05670	311.00	314.00	3.00						15		200	85																		

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
AT05662	53.00	56.00	3.00														1						4		0.59	0.19	21	23	3
AT05663	83.00	86.00	3.00														1						5		0.57	0.23	26	20	1
AT05664	113.00	116.00	3.00														1						4		0.58	0.22	29	19	1
AT05665	158.00	161.00	3.00														1						10		0.55	0.24	12	31	27
AT05666	191.00	194.00	3.00														1						11		0.48	0.14	23	36	28
AT05667	221.00	224.00	3.00														1						12		0.36	0.07	39	34	3
AT05668	263.00	266.00	3.00														1						13		0.27	0.17	31	29	6
AT05669	293.00	296.00	3.00														1						15		0.27	0.10	73	30	24
AT05670	311.00	314.00	3.00														2						6		0.55	0.20	24	20	2

Sample	From (M)	To (M)	Leng. (M)	YB PPH	NB PPH	HG PPB
AT05662	53.00	56.00	3.00		<5	
AT05663	83.00	86.00	3.00		<5	
AT05664	113.00	116.00	3.00		<5	
AT05665	158.00	161.00	3.00		<5	
AT05666	191.00	194.00	3.00		<5	
AT05667	221.00	224.00	3.00		<5	
AT05668	263.00	266.00	3.00		<5	
AT05669	293.00	296.00	3.00		<5	
AT05670	311.00	314.00	3.00		<5	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 90.50	<{OB}> Casing Overburden					Very blocky ground, rubble from 86 to 90.50 metres; very poor core recovery.
90.50 TO 92.95	<8,a,m> Intermediate Intrusive fine grained massive	Medium grey-green, fine grained, massive intermediate to mafic intrusive. Trace amounts of magnetite(?) indicated by occasional weak pull of pen magnet. Unit is highly carbonitized; mm scale calcite and quartz veinlets cut core at all angles and constitute at most 5 vol % of the unit. Trace fine grained Py disseminated in unit. Distinct intrusive lower contact with next unit.		#90.50-92.95<CbPM> moderate, pervasive, carbonatization (calcite).		Trace amounts of very fine grained pyrite disseminated in unit.
92.95 TO 108.10	<3,C,*a,*b> Heterolithic Volcanic tuff lapilli tuff sheared	Laminated to banded, light grey-blue to medium grey-green ash tuff to lapilli tuff. Banding (looks like pseudobedding) is a result of tectonic activity; evidence for this is indicated further down hole. Sheared/flattened clasts include variolitic mafic volcanics which have a distinct leopard-spotted texture consisting of dark green,oblate varioled set in a very fine grained light grey-green matrix which is very soft (sericitized); medium to light green, fine grained, massive mafic volcanic blocks (lapilli). Shear fabric is shallow to moderate averaging 30° to C.A. Nil to trace amounts of fine grained pyrite (euhedral-recrystallized?) disseminated throughout unit. Obvious alteration is restricted to variolitic mafic volcanic lapilli/blocks (sericitization of the groundmass and chloritization of the varioles). Lower contact is more altered and baked (in contact with porphyritic felsic intrusive). {101.10-101.20}<S2 30°> Foliation shear foliation of flattened/shaered blocks and lapilli.		Weak sericitization of the groundmass of the variolitic mafic volcanics and associated weak chloritization of the varioles. Occasional quartz +/- calcite fracture fill and veins.		
108.10 TO 117.55	<9,b,m,F,<G> RA>> Felsic Intrusive medium grained massive porphyritic	Light grey-green and speckled white feldspar porphyritic felsic intrusive. The unit is composed of 30-40% phenocrysts which are composed of 80-90% fine and very coarse grained feldspar (1-3mm and 1-3cm in size) and anhedral quartz 2-5mm in size. The larger feldspar phenos are euhedral and distinctly compositionally zoned. The phenos are set in a very fine to fine grained groundmass				

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
	granite	which is pale grey-green and composed of feldspar, quartz and the occasional biotite flake. No significant alteration or mineralization is evident.				
117.55 TO 136.45	«3,C,*a,*b,*t»Heterolithic Volcanic tuff lapilli tuff sheared	Same banded to laminated tuff to lapilli (block) tuff unit as 92.95-108.10m. Few stretched bleached mafic fragments are soft; fewer leopard-spotted textured mafics than previous vol'c unit.		Variolitic portions of the mafic volcanic fragments/blocks are weakly sericitized.	Trace pyrite disseminated as fine euhedral cubes and grains throughout unit.	
136.45 TO 137.30	«9,b,m,P» Felsic Intrusive medium grained massive porphyritic	Slightly darker grey version of the felsic intrusive from 108.10 to 117.55m. Medium-sized phenocrysts (Qt, Fsp) set in a medium grey fine grained matrix.		No evident alteration seen.	None.	
137.30 TO 175.40	«3,a,*a» Intermediate Volcanic fine grained tuff	Medium to dark grey, fine grained, very weakly foliated ash tuff (reworked sediment?). Questionable graded bedding at 141.55 m indicated tops is down hole (bedding? at 60° to C.A.). Looks more like a foliated sediment with stretched out graphitic fragments (fery small) at 170m; foliation at 65° to C.A. Trace amounts of rusty red to ruby red sphalerite +/- Ga(?) finely disseminated and fracture controlled from 170 to 174 m. Occasional light grey to off-white cm-scale band (vein? bed?) imparts a banded texture to the core. From 162 to 168 m the core is slightly darker (carbonaceous component?).			Very weak Sph mineralization (fracture controlled) from 170 to 174 metres; one small galena bleb seen in carbonate veinlet. One mm-sized bleb oc Cp seen in a Qt vein at 171.25m.	
175.40 TO 183.34	«9,b,m,P» Felsic Intrusive medium grained massive porphyritic	Same felsic intrusive as from 92.95 to 108.10m. Light grey to grey-green in colour with large (>2cm) euhedral, compositionally zoned feldspars (rare). Lower contact is very shallow. Rare mm-sized Bt speck in matrix. No mineralization and trace amounts of fracture controlled alteration (Ep, Se?).			None.	
183.34 TO 242.00	«3,C,*a,*b» Heterolithic Volcanic tuff	Similar to unit from 117.55 to 136.45 except less strained (foliated)-maybe less lapilli (?). Core is various shades of grey with the occasional band of off-white; few spotted fragments (variolitic		Patchy weak to moderate pervasive and fracture controlled silicification and epidotization throughout interval. Occasional Qt-Cc and Cc	Very fine grained pyrite finely disseminated in and around Qt-Cc veinlets and fractures.	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
242.00 TO 242.00	«EOH» End-Of-Hole	lapilli tuff mafic volcanic fragments); felsic fragment (bleached mafic?) at 214.50 m 3 cm in size; moderate epidotization from 211.40 to 211.90m; occasional mm sized Qt-Cc veinlets/fractures contain very fine grained pyrite. Core contains some questionable sedimentary features - graded bedding in wacke-looking sections?		veinlet/fracture cut core at all angles.		Total of 28 boxes of BQ core; hole is capped and not making water; 86 m of BW casing left in the hole.

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 %	ROCK TYPE	Comments
AR03008	170.00	171.50	1.50	59	434	114	87	<2	0.3										0.0	0.0	0.0	0.0	0.1	0.1	3,a,*a	
AR03009	171.50	173.00	1.50	48	692	151	88	<2	0.4										0.0	0.0	0.0	0.0	0.1	0.0	3,a,*a	
AR03010	173.00	174.50	1.50	50	328	81	82	<2	0.2										0.0	0.0	0.0	0.0	0.1	0.0	3,a,*a	
AR03011	183.40	184.90	1.50	56	74	1	86	<2	0.2										0.0	0.0	0.0	0.0	0.0	0.0	3,a,*a,*t	
AR03012	187.00	188.50	1.50	23	48	1	67	<2	0.1										0.0	0.0	0.0	0.0	0.0	0.0	3,*a,*b	
AR03013	188.50	190.00	1.50	65	51	2	70	<2	0.2										0.0	0.0	0.1	0.0	0.0	0.0	3,*a,*b	
AR03014	190.00	191.50	1.50	64	69	1	80	<2	0.1										0.0	0.0	0.0	0.0	0.0	0.0	3,*a	
AR03015	191.50	193.00	1.50	46	159	25	76	<2	0.2										0.0	0.0	0.0	0.0	0.0	0.0	3,*a	
AR03017	211.00	212.50	1.50	48	85	1	66	<2	0.1										0.0	0.0	0.5	0.0	0.0	0.0	3,*a,a	
AR03018	215.00	216.50	1.50	52	100	1	73	<2	0.1										0.0	0.0	0.5	0.0	0.0	0.0	3,a,*a	
AR03019	216.50	218.00	1.50	51	98	1	74	3	0.1										0.0	0.0	0.5	0.0	0.0	0.0	3,*a,a	

Sample	From (M)	To (M)	Leng. (M)	SiO2 %	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
AT05680	91.00	93.00	2.00	61.94	10.44	8.81	3.68	3.20	0.16	6.24	0.55	0.40	0.09	0.04	4.92	100.47	10	84		30	140	90		3,a,m	2jyB	86
AT05681	95.00	98.00	3.00	64.24	13.00	3.13	2.37	1.50	1.84	7.95	0.93	0.20	0.10	0.06	3.50	98.82	14	115		55	205	75		3,C,*a,*b,*t	3j	201
AT05682	122.00	125.00	3.00	63.04	13.66	2.31	2.95	1.39	1.80	9.23	1.00	0.18	0.11	0.05	3.19	98.91	14	118		40	235	95		3,C,*a,*b,*t	2jw	248
AT05683	149.00	152.00	3.00	67.40	12.22	2.82	2.64	2.04	1.44	7.53	0.91	0.18	0.08	0.05	2.50	99.81	14	118		35	275	85		3,a,*a,*t	3j	194
AT05684	185.00	188.00	3.00	66.37	12.00	3.10	2.77	1.96	1.56	7.49	0.95	0.14	0.09	0.06	3.04	99.53	14	121		25	165	75		3,C,*a,*b	3j	181
AT05685	194.00	197.00	3.00	62.33	14.44	2.24	3.03	1.85	1.90	8.80	1.02	0.22	0.10	0.04	3.14	99.10	18	128		35	250	100		3,a,*a,C>	2jw	241
AT05686	227.00	230.00	3.00	68.20	12.36	3.55	2.68	2.21	0.92	7.47	0.94	0.20	0.10	0.05	1.97	100.65	12	109		40	215	100		3,C,*a,*b	3j	185

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 PPM	W PPM	MO PPM	TH PPM	U PPM	B PPM	CS PPM	LA PPM	CE PPM	ND PPM	
AT05680	91.00	93.00	2.00						21		0.56	105																		
AT05681	95.00	98.00	3.00						30		0.50	185																		
AT05682	122.00	125.00	3.00						32		0.34	195																		
AT05683	149.00	152.00	3.00						24		0.27	160																		
AT05684	185.00	188.00	3.00						26		0.53	140																		
AT05685	194.00	197.00	3.00						32		0.34	190																		
AT05686	227.00	230.00	3.00						28		0.26	155																		

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 PFB	LI PPM	BE PPM	MN PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	YB PPM	NB PPM	HG PPB	MGO#	CA/AL NI/MG	
AT05680	91.00	93.00	2.00														3						9						<20	0.58 0.84 2
AT05681	95.00	98.00	3.00														3						17						<20	0.41 0.24 3
AT05682	122.00	125.00	3.00														3						18						<20	0.43 0.17 3
AT05683	149.00	152.00	3.00														3						14						<20	0.45 0.23 3
AT05684	185.00	188.00	3.00														3						15						<20	0.47 0.26 2
AT05685	194.00	197.00	3.00														3						18						<20	0.45 0.16 3
AT05686	227.00	230.00	3.00														3						15						<20	0.46 0.29 3

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 58.00	« 08 » Casing Overburden					
58.00 TO 93.45	«7,b,m» Mafic Intrusive medium grained massive	Mottled light and dark green, medium grained, massive, mafic intrusive. Fracture controlled carbonate (calcite) and hematization relatively common over complete unit; quartz and quartz-epidote veining common. Most of unit is very weakly magnetic. Occasional breccia zones with silica and/or carbonate cement hosting cm to mm scale fragments of the intrusive. Most of the carbonate veins and masses have a brown rim (Fe-carbonate). Breccia zone from 76.20 to 77.95m where rounded fragments of the intrusive (generally 1 cm in size) are cemented by a very fine grained to aphanitic, pink to rusty-orange (Hem?) matrix. Broken core from 81.10 to 81.50m. Contact with underlying unit is strained/sheared with stringers of epidote imparting a strong shear foliation 25° to C.A. from 91.55 to 93.45m.		Mainly carbonate (calcite +/- Fe-carbonate) veins and masses; epidotization in minor amounts is fracture controlled; rare quartz veinlets; fracture controlled hematization relatively rare. [58.00-93.45]«EpFw, CbFw, HeFw» weak, fracture/vein controlled, epidotization; weak, fracture/vein controlled, carbonatization; weak, fracture/vein controlled, hematization	No signs of any mineralization.	
93.45 TO 142.32	«7,a,m» Mafic Intrusive fine grained massive	Dark grey-green, fine grained, massive mafic intrusive; fine grained equivalent of the overlying unit (?); sheared contact with overlying unit. Significant amounts of Ep,Cb, and Qt alteration (mainly fracture controlled). Minor amounts of pyrite mineralization associated with the more altered and sheared portions of the unit. Frequent sections of highly blocky core; fault/shear zones from 115 to 121m; 127.30-127.90m. Shear zone from 136.5-137.04m with folded, sheared and brecciated structures. Clay seam (gouge?) at 130.72-130.76. [115.00-121.00]«FA1 » Fault Highly broken, sheared and brecciated core. [127.33-127.91]«FA1 » Fault		Unit is dominated by much fracture controlled carbonitization and minor fracture controlled epidotization; occasional glassy quartz vein; very rare hematite fractures and veinlets. [93.45-130.00]«CbFw» moderate, fracture/vein controlled, carbonatization which imparts a brecciated look to the core.	Trace to 1% finely disseminated pyrite associated with the shera/fault zones. [116.60-120.50]«Py00.1-1.0%» 0.1-1.0% disseminated/blebby pyrite restricted to highly sheared/brecciated portions of unit.	
142.32 TO 179.30	«7,b,m» Mafic Intrusive medium grained massive	Mottled light and dark green, medium grained, massive mafic intrusive; same unit as 58-93.45m. Sheared contact with underlying unit. Fracture controlled hematization more common; calcite filled fractures and brecciated units less common than previous unit. No obvious signs of any		Top of unit is dominated by fracture controlled carbonitization (weak) and thr rest of the unit has weak fracture controlled hematization. [142.32-147.50]«CbFw»	None.	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		mineralization. Sheared contact with underlying unit; epidote alteration in stringer form at moderate to very shallow angles (15-40° to C.A.).		weak, fracture/vein controlled, carbonatization {147.50-165.00}«HefW» weak, fracture/vein controlled, hematization		
179.30 TO 235.50	«7,a,m» Mafic Intrusive fine grained massive	Dark grey-green, fine grained mafic intrusive/volcanic; same look as overlying unit 93.45-142.32m. Variably carbonate and epidote altered; no signs of any base metal mineralization. Broken core from 200.25 to 202m. Shear zone from 226-226.50m with shear fabric 20° to C.A.; gouge at 226.40m. Breccia zone from 221.3-226.75. Brecciated contact with underlying unit (much broken core).		Alteration limited to fracture controlled epidotization (weak) and carbonitization (weak).	Finely disseminated Py associated with small shear zones. {190.60-190.95}«Py00.1-1.0%» 0.1-1.0% disseminated/blebby pyrite associated with a small shear zone. {226.00-226.75}«Py»00.1-1.0% 0.1-1.0% disseminated/blebby associated with small sheared zone.	
235.50 TO 244.00	«3,C,bx,*i» Heterolithic Volcanic breccia matrix supported	Mottled buff-light green and dark green, very coarse grained, heterolithic fragmental. The clasts range in size from 3mm to 5cm, are sub-to-well rounded and have very pronounced alteration rims up to 1 cm thick. Fragments make up to 40-50% of the core; the matrix is light to medium grey-green and appears to be composed of a mixture of chlorite and sericite. Unit may represent a flow-bottom breccia (if the overlying unit is actually a mafic flow). Weak, fracture controlled carbonitization and very weak fracture controlled potassic alteration (pink veinlets). No evidence of mineralization. Poor contact exposure with overlying unit (broken core). 30cm of core lost at 238m.		{235.50-244.00}«CbFW ,K>FW» weak, fracture/vein controlled, carbonatization; weak, fracture/vein controlled, potassic alteration	One speck of Cp seen at 238.70m.	
244.00 TO 244.00	«EOH» End-Of-Hole					Total of 35 boxes of BQ core; hole is capped and not making water; core stored at Kidd Creek Minesite.

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 %	ROCK TYPE	Comments
AR03029	116.60	118.10	1.50	220	52	1	99	137	0.7		35					<5			0.0	0.0	2.0	0.0	0.0	0.0	7,a,m,*t	W <2ppm
AR03030	118.10	120.00	1.90	78	55	1	104	79	0.9		34					<5			0.0	0.0	0.0	0.0	0.0	0.0	7,a,m,*t	W <2ppm FZ
AR03031	190.50	191.50	1.00	86	35	1	89	27	0.5		23					<5			0.0	0.0	2.0	0.0	0.0	0.0	7,a,m,*t	W <2ppm
AR03032	226.00	227.00	1.00	75	48	1	94	21	0.1		31					<5			0.0	0.0	2.0	0.0	0.0	0.0	7,a,*t	W <2ppm

Sample	From (M)	To (M)	Leng. (M)	SiO2 %	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
AT05694	61.00	64.00	3.00	45.85	9.14	15.07	7.47	1.45	0.48	14.31	0.89	0.08	0.22	0.06	4.72	99.74	20	38		65	65	115		7,b,m	6H	54
AT05695	88.00	91.00	3.00	46.44	10.30	15.22	7.22	0.95	0.34	13.37	0.78	0.08	0.21	0.07	3.16	98.14	14	29		75	65	165		7,b,m	7hu	62
AT05696	97.00	100.00	3.00	44.88	10.36	15.06	8.44	0.88	0.38	14.93	0.80	0.08	0.19	0.07	3.59	99.66	18	36		70	65	140		7,a,m	6H	63
AT05697	133.00	136.00	3.00	44.97	10.05	16.17	6.85	1.18	0.34	12.96	0.80	0.08	0.19	0.07	6.42	100.08	14	34		75	65	145		7,a,m	7hv	57
AT05698	172.00	175.00	3.00	45.33	10.16	15.83	7.83	0.93	0.46	13.41	0.78	0.08	0.22	0.07	3.91	99.01	16	30		70	80	150		7,b,m	7hu	59
AT05699	202.00	205.00	3.00	45.35	10.66	16.63	7.79	0.90	0.26	13.72	0.83	0.08	0.21	0.08	3.96	100.47	12	29		80	55	170		7,a,m	7hu	60
AT05700	229.00	232.00	3.00	44.57	9.98	16.46	7.43	1.09	0.48	13.97	0.80	0.10	0.22	0.07	3.43	98.60	14	28		75	95	145		7,a,m	7hv	55

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 PPM	W PPM	MO PPM	TH PPM	U PPM	B PPM	CS PPM	LA PPM	CE PPM	ND PPM		
AT05694	61.00	64.00	3.00						49		0.03	310																			
AT05695	88.00	91.00	3.00						54		0.11	270																			
AT05696	97.00	100.00	3.00						55		0.08	285																			
AT05697	133.00	136.00	3.00						53		0.15	295																			
AT05698	172.00	175.00	3.00						53		0.02	280																			
AT05699	202.00	205.00	3.00						58		<0.01	300																			
AT05700	229.00	232.00	3.00						59		<0.01	285																			

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
AT05694	61.00	64.00	3.00														3						30		0.55	1.65	15	32	45
AT05695	88.00	91.00	3.00														3						28		0.56	1.48	23	32	68
AT05696	97.00	100.00	3.00														3						28		0.57	1.45	17	36	74
AT05697	133.00	136.00	3.00														3						28		0.56	1.61	21	29	55
AT05698	172.00	175.00	3.00														3						27		0.58	1.56	19	33	86
AT05699	202.00	205.00	3.00														3						29		0.57	1.56	22	31	61
AT05700	229.00	232.00	3.00														3						28		0.56	1.65	20	31	87

Sample	From (M)	To (M)	Leng. (M)	YB PPM	NB PPM	HG PPB
AT05694	61.00	64.00	3.00		<20	
AT05695	88.00	91.00	3.00		<20	
AT05696	97.00	100.00	3.00		<20	
AT05697	133.00	136.00	3.00		<20	
AT05698	172.00	175.00	3.00		<20	
AT05699	202.00	205.00	3.00		<20	
AT05700	229.00	232.00	3.00		<20	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 47.00	«[08]» Casing Overburden					
47.00 TO 127.60	«7,b,m,<GAB >» Mafic Intrusive medium grained massive gabbro	Mottled dark green, off-white to pale pink, massive, weakly magnetic, variable epidote-altered mafic intrusive (gabbroic in composition); the epidote alteration ranges from fracture controlled to semi massive and imparts a pale apple green net veined texture to the core. Rare mm-sized hematite stained veinlets and fractures more common approaching bottom contact of unit. Rare felsic looking (white to pink) megacrysts with diffuse edges up to 2 cm in size occur sporadically throughout unit. Gouge at 110.60 to 110.70m. Bottom third of unit has moderate to poor core recovery (very blocky). {65.30-68.55}«10,a,m» Diabase fine grained, massive, strongly magnetic diabase; unaltered and unmineralized.		Strong pervasive and fracture controlled epidotization of unit from 47 to 56m; the rest of interval has weak Ep alteration; rare salmon pink to rusty red hematite alteration throughout unit. One mm sized bleb of Cp seen at 60.75m. Bottom contact of unit looks faulted. {47.00-56.00}«EpFM» moderate, fracture/vein controlled, epidotization imparts an apple green net-veined texture to the core.		
127.60 TO 159.00	«FZ» Fault zone	Wide, complex fault zone most of which may be part of the overlying unit (mafic intrusive). Upper contact is highly broken-up and contains abundant hematization. Fragments of hematite altered mafic intrusive and felsic intrusive dominate this unit. Salmon pink syenitic dykelets to 15 cm wide cut the zone imparting a brecciated look to the core. Qt veins +/- py have hematized margins (relatively rare). Portions of the mafic intrusive have a recrystallized appearance and may be silicified. Fault gouge at 159 to 159.05m. Mafic intrusive portions are much more magnetic than the overlying mafic intrusive. Medium grained segregations of magnetite associated with the syenitic dykelets.		Hematization and silicification are main alteration phases. {127.60-159.00}«HePM ,SiPM» moderate, pervasive, hematization; weak, pervasive, silicification	Finely disseminated pyrite associated with qt veins and silicified zones; segregations of magnetite associated with the syenitic dykes.	
159.00 TO 202.25	«2,a,l,m» Mafic Volcanic fine grained flows massive	Dark green, fine grained, massive mafic volcanic rock; locally sheared and considerable epidote altered in small intervals. Epidote and minor chloritic are main alteration phases (0 to locally 50% over 1 m intervals). Fine grained euhedral pyrite disseminated throughout unit in trace amounts but locally enriched to 5% in epidote altered shear zone. Shear zone from 190.30 to 193m		Epidote and minor chlorite are the main alteration phases in unit. Ep alt'n is primarily fracture controlled in wisps and stringers whereas the chl alt'n is primarily pervasive (but weak).	Minor pyrite occurs as fine grained blebs (<1mm) disseminated throughout unit and as minor concentrations (5%) in shear zone and near bottom contact (porphyry).	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
202.25 TO 223.30	«8,P,*t» Intermediate Intrusive porphyritic	with much fracture and stringer style epidote alteration (45-50%). R00 is generally poor for this unit (25-40%). Mottled pale orange-pink and black, weakly foliated feldspar porphyry. The phenocryst component which makes up 50% of the rock is composed of 90% pale orange to pink, anhedral to		Minor cloudy grey quartz veining (<1cm in width) and fracture filling epidote are the only evident alteration phases/styles.	None.	
Weakly foliated	euhedral, 3-5mm	feldspar crystals which exhibit a weak preferred orientation and 10% pale blue, anhedral, 2mm sized quartz grains; blue colour indicates this unit underwent considerable amounts of strain. The matrix component is dark grey to black, aphanitic to very fine grained and is composed of varying amounts of quartz, feldspar, and biotite. Frequent rounded mafic volcanic xenolith up to 5-7cm in size relatively common. Minor epidote, quartz veinlets and fracture fills are the only evident alteration. Transitional sheared contact with underlying unit.				
223.30 TO 236.15	«9,s,m,P» Felsic Intrusive fine grained massive porphyritic	Mottled pale pink and light to dark grey, massive, moderately altered feldspar-quartz porphyry. The phenocryst component makes up 30% of the rock and is composed of pale pink to orange, equant to rounded feldspars 1-4mm in size (95%) and anhedral glassy, 2-5 mm quartz grains (5%). Sheared, gradational contact with the overlying unit. The matrix component (70% of the rock) is light to dark grey, very fine grained to aphanitic and appears to be composed of varying amounts of quartz, feldspar, biotite, chlorite and epidote. Intrusive contact with underlying unit.		Moderate chloritization and epidotization of the matrix (groundmass) and weak sericitization too. Rare xenolith of underlying unit.	None.	
236.15 TO 243.10	«7,b,m,P» Mafic Intrusive medium grained massive glomeroporphyritic	Medium to dark grey with large patches of creamy-white, massive glomeroporphyritic mafic intrusive. The groundmass makes up 75% of the rock, is medium grey and medium grained. The phenocryst component consists of very large (2-7cm), coarse grained aggregates of feldspar. Intrusive contact with underlying unit.		Minor fracture controlled hematization; phenocrysts take on a ghostly appearance near the bottom contact of the unit.	None.	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
243.10 TO 249.00	«B,s,P» Intermediate Intrusive fine grained porphyritic	Mottled medium to dark grey and pale orange pink, strongly altered feldspar porphyry. The phenocryst component (45-50% of the rock) is composed of small (1-2mm), anhedral to subhedral feldspars some of which have a light dusting of hematization. The matrix component is light to dark grey and very fine grained to aphanitic. Unit has undergone varying degrees of sericitization, epidotization and silicification (pervasive to fracture controlled). Minor pyrite disseminated throughout interval. Minor biotite in the matrix.		Hematization and epidotization are relatively common. {243.10-249.00}«EpPw» weak, pervasive, epidotization; many of the feldspar phenocrysts have diffuse outlines.	Trace amounts of pyrite associated with fracture controlled Ep-Qt veinlets.	
249.00 TO 249.00	«EOH» End-Of-Hole					Total of 39 boxes of BQ core; hole is capped and not making water.

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 %	ROCK TYPE	Comments	
ARO3020	128.00	129.50	1.50	86	52	1	85	21	0.1	-	-	-	-	-	-	-	-	-	0.0	0.0	0.2	0.0	0.0	0.0	0.0	7,bx,He	
ARO3021	140.00	141.50	1.50	20	65	2	31	45	0.2	-	-	-	-	-	-	-	-	-	0.0	0.0	0.2	0.0	0.0	0.0	0.0	7,b,bx,He	
ARO3022	146.00	147.50	1.50	75	82	7	28	113	0.5	-	-	-	-	-	-	-	-	-	0.0	0.0	2.0	0.0	0.0	0.0	0.0	9,c,m,P,He	
ARO3023	150.00	151.50	1.50	69	84	1	22	<2	0.2	-	-	-	-	-	-	-	-	-	0.0	0.0	1.0	0.0	0.0	0.0	0.0	9,b,m,P,He	
ARO3024	155.00	156.50	1.50	96	85	1	36	17	0.1	-	-	-	-	-	-	-	-	-	0.0	0.0	2.0	0.0	0.0	0.0	0.0	9,b,m,P,He	
ARO3025	156.50	158.00	1.50	108	82	1	76	10	0.2	-	-	-	-	-	-	-	-	-	0.0	0.0	0.5	0.0	0.0	0.0	0.0	7,a,He,Ep	
ARO3026	158.00	158.90	0.90	134	58	1	50	14	0.1	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,b,He	
ARO3027	190.30	191.80	1.50	242	19	6	25	10	0.2	-	-	-	-	-	-	-	-	-	0.0	0.0	4.0	0.0	0.0	0.0	0.0	2,a,Ep	
ARO3028	191.80	193.00	1.20	164	19	1	30	3	0.1	22	-	-	-	-	-	-	<5	-	0.0	0.0	3.0	0.0	0.0	0.0	0.0	2,a,Ep	W <2ppm

Sample	From (M)	To (M)	Leng. (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
AT05687	47.00	50.00	3.00	47.97	9.58	13.96	7.94	1.12	0.52	15.69	0.97	0.08	0.21	0.08	0.48	98.60	12	28		100	70	115		7,b,m,Ep	6H	61
AT05689	80.00	83.00	3.00	47.61	7.37	12.28	11.83	0.89	0.32	17.99	0.88	0.06	0.25	0.11	0.86	100.45	14	26		90	40	155		7,b,m,Ep	6H	55
AT05690	122.00	125.00	3.00	48.34	10.58	9.00	7.46	2.00	1.26	14.41	1.07	0.06	0.18	0.05	3.22	97.63	8	29		25	25	115		7,c,m	7(h)v	86
AT05691	145.00	148.00	3.00	58.82	9.30	6.14	2.67	2.70	1.32	10.44	1.26	0.28	0.11	0.03	5.47	98.54	20	75		20	50	40		7,b,bx,He	7(h)v	92
AT05692	176.00	179.00	3.00	45.95	9.13	11.50	4.94	1.76	0.28	20.34	1.76	0.16	0.33	0.01	2.38	98.54	28	66		80	200	40		2,a,m,Ep	2hv	67
AT05693	197.00	200.00	3.00	47.91	10.40	12.74	7.93	1.64	0.80	14.18	0.87	0.08	0.24	0.07	3.42	100.28	12	26		70	70	150		2,a,m,S,Ep	2hu	69

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 PPM	W PPM	MO PPM	TH PPM	U PPM	B PPM	CS PPM	LA PPM	CE PPM	NO PPM		
AT05687	47.00	50.00	3.00						54		0.03	325																			
AT05689	80.00	83.00	3.00						70		0.10	315																			
AT05690	122.00	125.00	3.00						51		0.30	270																			
AT05691	145.00	148.00	3.00						22		2.87	195																			
AT05692	176.00	179.00	3.00						49		1.20	535																			
AT05693	197.00	200.00	3.00						59		0.23	300																			

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	MGO#	CA/AL	NI/MGO	ISHIKW	ZN/NA2
AT05687	47.00	50.00	3.00														3						34		0.55	1.46	14	36	62
AT05689	80.00	83.00	3.00														3						36		0.61	1.67	13	48	45
AT05690	122.00	125.00	3.00														3						22		0.55	0.85	15	44	13
AT05691	145.00	148.00	3.00														3						15		0.38	0.66	15	31	19
AT05692	176.00	179.00	3.00														5						35		0.36	1.26	8	28	114
AT05693	197.00	200.00	3.00														3						29		0.57	1.23	19	38	43


Sample	From (M)	To (M)	Leng. (M)	YB PPM	NB PPM	HG PPB
AT05687	47.00	50.00	3.00		<20	
AT05689	80.00	83.00	3.00		<20	
AT05690	122.00	125.00	3.00		<20	
AT05691	145.00	148.00	3.00		<20	
AT05692	176.00	179.00	3.00		<20	
AT05693	197.00	200.00	3.00		<20	

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

6W-5305-RG1

SAMPLE #	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	TiO2	MnO	P2O5	Cr2O3	Zr	Y	Cu	Zn	Ni	Co	Nb	V	Sc	Ba	LOI	TOTAL	S
	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
AT05680	61.94	10.44	6.24	8.81	3.68	3.20	0.16	0.55	0.09	0.40	0.04	84	10	30	140	90	21	< 20	105	9	3	4.92	100.42	0.56
AT05681	64.24	13.00	7.95	3.13	2.37	1.50	1.84	0.93	0.10	0.20	0.06	115	14	55	205	75	30	< 20	185	17	3	3.50	98.75	0.50
AT05682	63.04	13.66	9.23	2.31	2.95	1.39	1.80	1.00	0.11	0.18	0.05	118	14	40	235	95	32	< 20	195	18	3	3.19	98.86	0.34
AT05683	67.40	12.22	7.53	2.82	2.64	2.04	1.44	0.91	0.08	0.18	0.05	118	14	35	275	85	24	< 20	160	14	3	2.50	99.76	0.27
AT05684	66.37	12.00	7.49	3.10	2.77	1.96	1.56	0.95	0.09	0.14	0.06	121	14	25	165	75	26	< 20	140	15	3	3.04	99.47	0.53
AT05685	62.33	14.44	8.80	2.24	3.03	1.85	1.90	1.01	0.10	0.22	0.04	128	18	35	250	100	32	< 20	190	18	3	3.14	99.06	0.34
AT05686	68.20	12.36	7.47	3.55	2.68	2.21	0.92	0.94	0.10	0.20	0.05	109	12	40	215	100	28	< 20	155	15	3	1.97	100.59	0.26
AT05687	47.97	9.58	15.69	13.96	7.94	1.12	0.52	0.97	0.21	0.08	0.08	28	12	100	70	115	54	< 20	325	34	3	0.48	98.53	0.03
AT05688	78.64	8.04	3.71	1.28	0.65	0.62	4.66	0.34	0.04	0.10	<0.01	279	118	15	245	40	7	40	30	5	1	2.72	98.80	0.01
AT05689	47.61	7.37	17.99	12.28	11.83	0.89	0.32	0.88	0.25	0.06	0.11	26	14	90	40	155	70	< 20	315	36	3	0.86	100.34	0.10
AT05690	48.34	10.58	14.41	9.00	7.46	2.00	1.26	1.07	0.18	0.06	0.05	29	8	25	25	115	51	< 20	270	22	3	3.22	97.59	0.30
AT05691	58.82	9.30	10.44	6.14	2.67	2.70	1.32	1.26	0.11	0.28	0.03	75	20	20	50	40	22	< 20	195	15	3	5.47	98.51	2.87
AT05692	45.95	9.13	20.34	11.50	4.94	1.76	0.28	1.76	0.33	0.16	0.01	66	28	80	200	40	49	< 20	535	35	5	2.38	98.52	1.20
AT05693	47.91	10.40	14.18	12.74	7.93	1.64	0.80	0.87	0.24	0.08	0.07	26	12	70	70	150	59	< 20	300	29	3	3.42	100.22	0.23
AT05694	45.85	9.14	14.31	15.07	7.47	1.45	0.48	0.89	0.22	0.08	0.06	38	20	65	65	115	49	< 20	310	30	3	4.72	99.67	0.03
AT05695	46.44	10.30	13.37	15.22	7.22	0.95	0.34	0.78	0.21	0.08	0.07	29	14	75	65	165	54	< 20	270	28	3	3.16	98.07	0.11
AT05696	44.88	10.36	14.93	15.06	8.44	0.88	0.38	0.80	0.19	0.08	0.07	36	18	70	65	140	55	< 20	285	28	3	3.59	99.62	0.08
AT05697	44.97	10.05	12.96	16.17	6.85	1.18	0.34	0.80	0.19	0.08	0.07	34	14	75	65	145	53	< 20	295	28	3	6.42	100.03	0.15
AT05698	45.33	10.16	13.41	15.83	7.83	0.93	0.46	0.78	0.22	0.08	0.07	30	16	70	80	150	53	< 20	280	27	3	3.91	98.93	0.02
AT05699	45.35	10.66	13.72	16.63	7.79	0.90	0.26	0.83	0.21	0.08	0.08	29	12	80	55	170	58	< 20	300	29	3	3.96	100.39	<0.01
AT05700	44.57	9.98	13.97	16.46	7.43	1.09	0.48	0.80	0.22	0.10	0.07	28	14	75	95	145	59	< 20	285	28	3	3.43	98.53	<0.01



FALCONBRIDGE EXPLORATION LTD.

ATTN: G. DeSHUTTER

PROJ: 8262

W-4744-RG1

TSL/ASSAYERS Laboratories

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REPORT No. : M8320

Page No. : 1 of 1

File No. : NV19RA

Date : NOV-19-1996

Oxides in % - Minors ppm

I.C.A.P. WHOLE ROCK ANALYSIS

Lithium MetaBorate Fusion

SAMPLE #	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	TiO2	MnO	P2O5	Cr2O3	Zr	Y	Cu	Zn	Ni	Co	Nb	V	Sc	Be	LOI	TOTAL	S
	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
5662	64.75	16.25	2.71	3.07	1.63	5.89	1.00	0.30	0.03	0.14	0.75	70	< 2	10	20	35	15	< 5	70	4	1	2.45	98.21	100
5663	65.92	16.28	2.82	3.72	1.56	5.82	0.84	0.29	0.03	0.16	1.10	50	4	10	5	40	15	< 5	70	5	1	1.88	99.32	100
5664	65.84	16.54	2.63	3.72	1.53	5.83	0.76	0.30	0.03	0.14	0.75	76	< 2	5	5	45	15	< 5	70	4	1	1.63	98.95	100
5665	61.51	16.16	4.88	3.94	2.48	3.82	1.06	0.49	0.10	0.16	0.20	96	10	10	105	30	10	< 5	85	10	1	4.49	99.09	3500
5666	63.08	17.08	5.71	2.47	2.22	4.70	1.74	0.55	0.12	0.18	0.35	178	12	10	130	50	15	< 5	95	11	1	2.64	100.48	3800
5667	65.38	16.74	3.18	1.20	0.77	5.17	2.50	0.53	0.02	0.18	0.50	114	10	10	15	30	10	< 5	90	12	1	2.65	98.33	22800
5668	64.53	15.95	4.22	2.71	0.65	3.19	1.76	0.62	0.02	0.18	0.60	106	12	10	20	20	10	< 5	105	13	1	4.29	98.09	36800
5669	62.93	17.03	4.71	1.75	0.75	3.91	1.62	0.63	0.01	0.20	0.60	260	6	10	95	55	10	< 5	110	15	1	4.67	98.20	46400
5670	64.51	16.66	3.60	3.30	1.87	6.59	0.64	0.41	0.04	0.18	0.60	88	6	15	15	45	15	< 5	85	6	2	2.81	100.60	200
5671																								
5672																								
5673																								
5674																								
5675																								
5676																								
5677																								
5678																								
5679																								

SIGNED :

Ramy Saad



Swastika Laboratories

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Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

6W-4429-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: 8262 EXPL
Attn: G.DeSchutter

Date: NOV-01-96

We hereby certify the following Geochemical Analysis of 20 Core samples submitted OCT-24-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM
AT04251	144	11	33	2	0.2	21
AT04252	295	13	31	4	0.4	21
AT04253	298	9	29	3	0.5	19
AT04254	127	8	30	1	0.3	20
AT04255	233	266	111	1	0.3	22
AT04256	14	19	183	1	0.2	21
AT04257	34	31	171	5	0.2	21
AT04258	7	15	130	1	0.1	22
AT04259	7	13	114	1	0.1	24
AT04260	21	12	117	1	0.2	20
AT04261	17	11	77	1	0.3	21
AT04262	7	12	79	1	0.1	19
AT04263	17	12	82	1	0.2	19
AT04264	10	17	109	1	0.1	22
AT04265	10	16	105	4	0.2	21
AT04266	24	15	116	9	0.2	22
AT04267	93	17	103	10	0.5	21
AT04268	31	12	85	9	0.2	23
AT04269	48	22	422	143	0.3	19
AT04270	89	14	181	12	0.2	21

Certified by



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Page 1 of 3

Geochemical Analysis Certificate

6W-4428-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: 8262 EXPL
Attn: G.DeSchutter

Date: NOV-01-96

We hereby certify the following Geochemical Analysis of 64 Core samples submitted OCT-25-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM
AT04271	147	12	123	5	0.2	24
AT04272	69	16	113	8	0.1	26
AT04273	24	12	111	8	0.2	23
AT04274	17	15	713	131	0.4	24
AT04275	<	11	272	55	0.1	23
AT04276	<	13	355	69	0.2	22
AT04277	<	18	122	21	0.1	22
AT04278	7	28	201	33	0.2	25
AT04279	7	19	323	41	0.1	27
AT04280	21	29	244	83	0.8	24
AT04281	7	34	24	6	0.1	26
AT04282	3	15	53	5	0.1	25
AT04283	<	11	30	1	0.1	25
AT04284	3	31	55	7	0.2	27
AT04285	<	18	31	5	0.2	28
AT04286	3	17	13	5	0.2	30
AT04287	<	14	24	3	0.2	29
AT04288	<	12	29	5	0.1	28
AT04289	3	20	41	20	0.2	29
AT04290	<	14	31	5	0.1	24
AT04291	<	15	56	7	0.1	23
AT04292	<	15	45	4	0.2	23
AT04293	7	16	53	3	0.2	22
AT04294	7	21	46	1	0.2	21
AT04295	14	20	176	5	0.4	28
AT04296	69	27	259	3	0.4	26
AT04297	110	30	134	9	1.4	31
AT04298	75	22	311	4	0.7	29
AT04299	55	59	2280	5	0.6	29
AT04300	41	24	881	7	0.7	33

Certified by



Swastika Laboratories

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Page 2 of 3

Geochemical Analysis Certificate

6W-4428-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: 8262 EXPL
Attn: G.DeSchutter

Date: NOV-01-96

We hereby certify the following Geochemical Analysis of 64 Core samples submitted OCT-25-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM
AT05751	48	33	789	13	0.4	29
AT05752	65	25	245	14	2.1	30
AT05753	41	15	37	14	1.5	29
AT05754	14	20	92	11	0.4	29
AT05755 Control	264	5710	197	21	0.9	3
AT05756	69	361	7980	47	5.3	34
AT05757	24	17	93	32	1.5	28
AT05758	27	22	81	29	2.6	33
AT05759	17	42	262	10	1.3	49
AT05760	7	58	890	6	1.6	42
AT05761	10	49	65	6	0.8	45
AT05762	10	36	67	9	0.9	32
AT05763	3	323	198	7	2.2	41
AT05764	21	23	48	8	0.5	44
AT05765	10	31	322	11	1.2	40
AT05766	7	27	521	20	0.7	44
AT05767	7	20	30	6	0.5	46
AT05768	10	20	34	3	0.5	48
AT05769	10	19	27	4	0.5	51
AT05770	7	22	31	3	0.5	50
AT05771	3	23	77	2	0.9	43
AT05772	3	27	95	5	0.9	47
AT05773	3	22	72	3	0.5	50
AT05774	2	35	153	6	0.6	51
AT05775	10	31	373	3	0.4	46
AT05776	7	26	145	4	0.6	55
AT05777	10	28	120	5	0.8	58
AT05778	3	36	109	4	0.7	58
AT05779	3	26	104	7	0.6	62
AT05780	10	29	139	9	0.7	53

Certified by 



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Page 3 of 3

Geochemical Analysis Certificate

6W-4428-RG1

Company: FALCONBRIDGE LTD (EXPLORATION)
Project: 8262 EXPL
Attn: G.DeSchutter

Date: NOV-01-96

We hereby certify the following Geochemical Analysis of 64 Core samples submitted OCT-25-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM
AT05781	14	22	50	7	0.5	46
AT05782	34	33	149	32	1.8	57
AT05783	41	28	208	32	1.8	53
AT05784	10	34	66	31	0.6	47

Certified by _____



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Geochemical Analysis Certificate

6W-4501-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**

Date: NOV-06-96

Project: 8262 EXPL

Attn: G. Deschutter

We hereby certify the following Geochemical Analysis of 9 Core samples submitted OCT-28-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM
AT05785	17	58	31	46	4.8	19
AT05786	3	27	47	7	0.4	39
AT05787	<	40	36	1	0.1	25
AT05788	<	26	34	1	0.1	22
AT05789	7	16	42	1	0.1	25
AT05790	<	26	33	1	0.1	24
AT05791	<	21	35	1	0.1	24
AT05792	<	33	31	1	0.1	29
AT05793 Control	288	5700	194	20	1.1	3

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



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Geochemical Analysis Certificate

6W-5373-RG1

Company: **FALCONBRIDGE LTD EXPLORATION**
Project: 8262 (EXPL)
Attn: G.Deshutter

Date: DEC-30-96

We hereby certify the following Geochemical Analysis of 12 Core samples submitted DEC-20-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM
AR03008	<	59	434	114	0.3	87
AR03009	<	48	692	151	0.4	88
AR03010	<	50	328	81	0.2	82
AR03011	<	56	74	1	0.2	86
AR03012	<	23	48	1	0.1	67
AR03013	<	65	51	2	0.2	70
AR03014	<	64	69	1	0.1	80
AR03015	<	46	159	25	0.2	76
AR03016 control	309	5550	194	19	1.0	3
AR03017	<	48	85	1	0.1	66
AR03018	<	52	100	1	0.1	73
AR03019	3	51	98	1	0.1	74

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Geochemical Analysis Certificate

6W-5374-RG1

Company: **FALCONBRIDGE LTD EXPLORATION**
Project: 8262 (EXPL)
Attn: G. Deshutter

Date: JAN-21-97

We hereby certify the following Geochemical Analysis of 13 Core samples submitted DEC-20-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	Co PPM	As PPM	W PPM
AR03020	21	86	52	1	0.1	85	-	-	-
AR03021	45	20	65	2	0.2	31	-	-	-
AR03022	113	75	82	7	0.5	28	-	-	-
AR03023	<2	69	84	1	0.2	22	-	-	-
AR03024	17	96	85	1	0.1	36	-	-	-
AR03025	10	108	82	1	0.2	76	-	-	-
AR03026	14	134	58	1	0.1	50	-	-	-
AR03027	10	242	19	6	0.2	25	-	-	-
AR03028	3	164	19	1	0.1	30	22	<5	<2
AR03029	137	220	52	1	0.7	99	35	<5	<2
AR03030	79	78	55	1	0.9	104	34	<5	<2
AR03031	27	86	35	1	0.5	89	23	<5	<2
AR03032	21	75	48	1	0.1	94	31	<5	<2

Results for W to follow

Certified by



Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use) W9780.00144 Assessment Files Research Imaging

GAO

Personal info Mining Act, etc Questions at 933 Ramsey



42A07NE0024 2.17125 BOWMAN

55(2) and 66(3) of the Mining Act. Under section 8 of the assessment work and correspond with the mining land holder. Ministry of Northern Development and Mines, 6th Floor,

2.17125

900

a claim, use form 0240.

Instructions - Please type or print in ink.

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

Form with fields for Name, Address, Client Number, Telephone Number, Fax Number. Includes a RECEIVED stamp dated MAR 06 1997 and MINING LANDS BRANCH.

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

Form with fields for Work Type (DIAMOND DRILLING), Office Use, Dates Work Performed, Global Positioning System Data, Township/Area, Mining Division, Resident Geologist District.

- 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)

Form with fields for Name, Address, Telephone Number, Fax Number for Dominik Drilling (1981) Inc and Gary De Schutter - Falconbridge Ltd.

MAR 4 1997 10:00

4. Certification by Recorded Holder or Agent

I, GARY DE SCHUTTER, 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, Date (Feb 28/97), Agent's Address, Telephone Number, Fax Number.

Dommod - June 02/97

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.

W9780.00144

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 ✓ 1198869	12	\$25,016	0	0	\$25,016
2 ✓ 1201080	2	\$17,012	0	0	\$17,012
3 ✓ 1201249	12	\$17,889	0	0	\$17,889
4 ✓ 1201417	8	\$19,735	0	0	\$19,735
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		\$79,652	0	0	\$79,652

2.17125

RECEIVED
 MAR 6 1997
 MINING LANDS BRANCH

I, GARY DE SCHUTTER, 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 Recorder/Holder or Agent Authorized in Writing: [Signature] Date: Feb 28/97

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 <div style="text-align: center;"> <p>RECEIVED LARDER LAKE MINING DIVISION</p> <p>MAR 4 1997 10:00 Z.</p> </div>	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		



May 8, 1997

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

Roy Spooner
Mining Recorder
4 Government Road East
Kirkland Lake, ON
P2N 1A2

Telephone: (705) 670-5853
Fax: (705) 670-5863

Dear Sir or Madam:

Submission Number: 2.17125

Status

Subject: Transaction Number(s): W9780.00144 **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.

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

NOTE: This correspondence may affect the status of your mining lands. Please contact the Mining Recorder to determine the available options and the status of your claims.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jerome_l@torv05.ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Ron C. Gashinski".

ORIGINAL SIGNED BY
Ron C. Gashinski
Senior Manager, Mining Lands Section
Mines and Minerals Division

Work Report Assessment Results

Submission Number: 2.17125

Date Correspondence Sent: May 08, 1997

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9780.00144	1198869	CURRIE, BOWMAN	Approval	May 07, 1997

Section:

10 Physical PDRILL

Correspondence to:

Mining Recorder
Kirkland Lake, ON

Resident Geologist
Kirkland Lake, ON

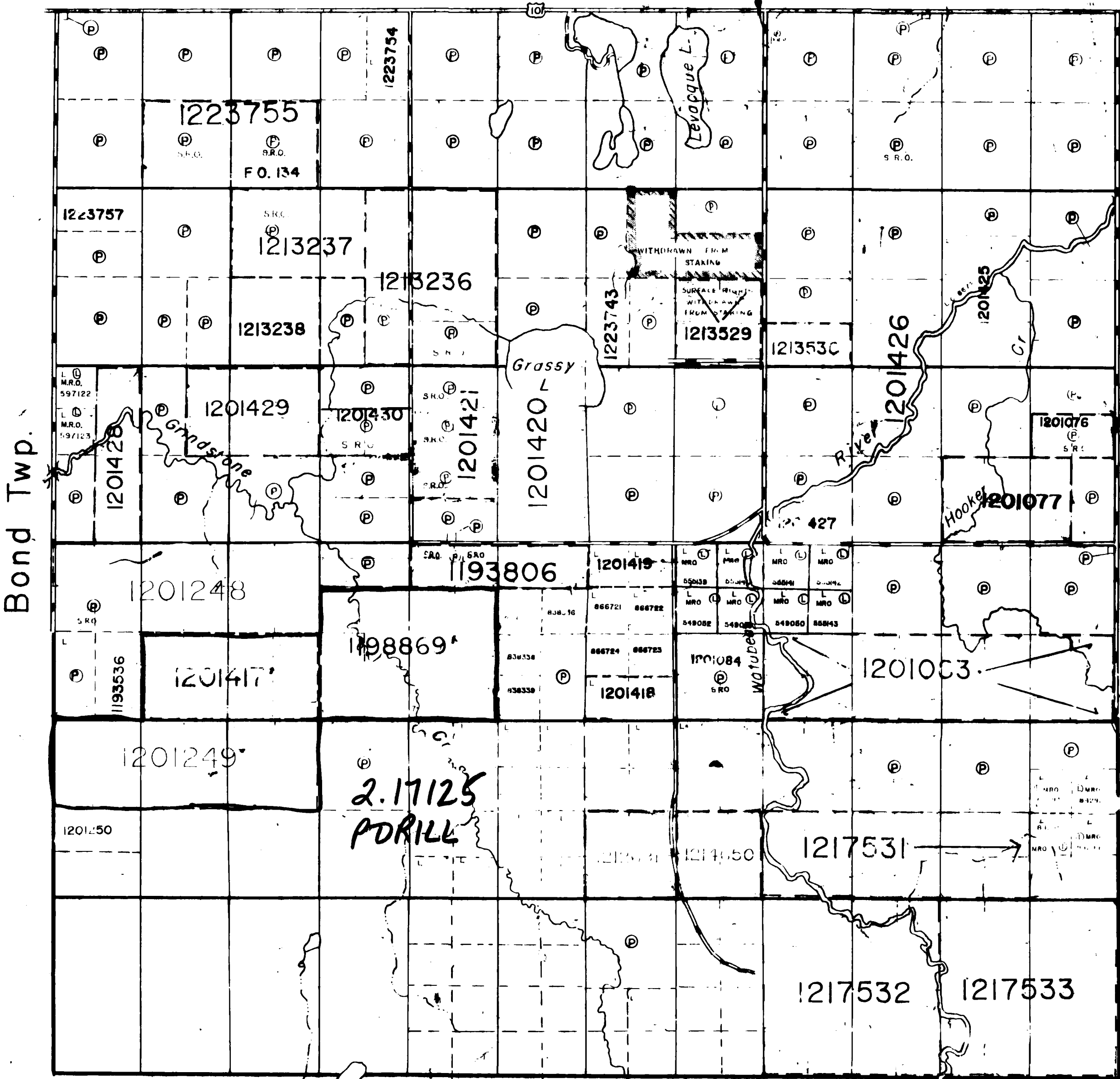
Assessment Files Library
Sudbury, ON

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

Gary De Schutter
FALCONBRIDGE LIMITED
Timmins, ONTARIO



Taylor Twp.



Bond Twp.

Bowman Twp.

VI
V
IV
III
II
I

Egan Twp.

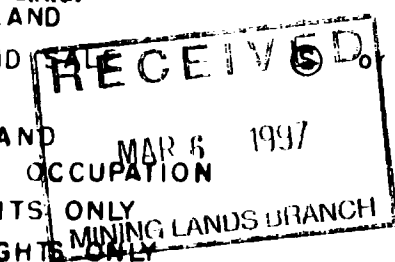
THE TOWNSHIP OF 20.17125 CURRIE

DISTRICT OF COCHRANE
LARDER LAKE
MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

- PATENTED FOR S.R.O. (P)
- PATENTED LAND (CS)
- CROWN LAND LEASES (L)
- LOCATED LAND (LO)
- LICENSE OF OCCUPATION (L.O.)
- MINING RIGHTS ONLY (M.R.O.)
- SURFACE RIGHTS ONLY (S.R.O.)
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- EXPLORATORY LICENCE OF OCCUPATION (E.L.O.)



NOTES

L.O. 8672. Flooding rights to 820 as.l contour
 Filed Onk' application to record re-stakings of these claims
 under consideration

AREA MARKED THUS
 Files 11-93
 21312
 WITHDRAWN FROM STAKING
 UNDER SEC. 39(1) OF MINING ACT

400' Surface rights reservation around all lakes and rivers.

File	Date	Disposition

THE INFO APPEARS HAS, B FROM V AND AG GUARAN WISHING ING CLAI SULT WI RECORDE NORTHE MENT AN DITIONA ON THE LANDS B

PLAN NO.- M.341 / 22

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEY AND MAPPING BRANCH

COPY OF THIS MYLAR ARCHIVED NOV 08/91
COPY OF THIS MYLAR ARCHIVED SEPT.21/93