



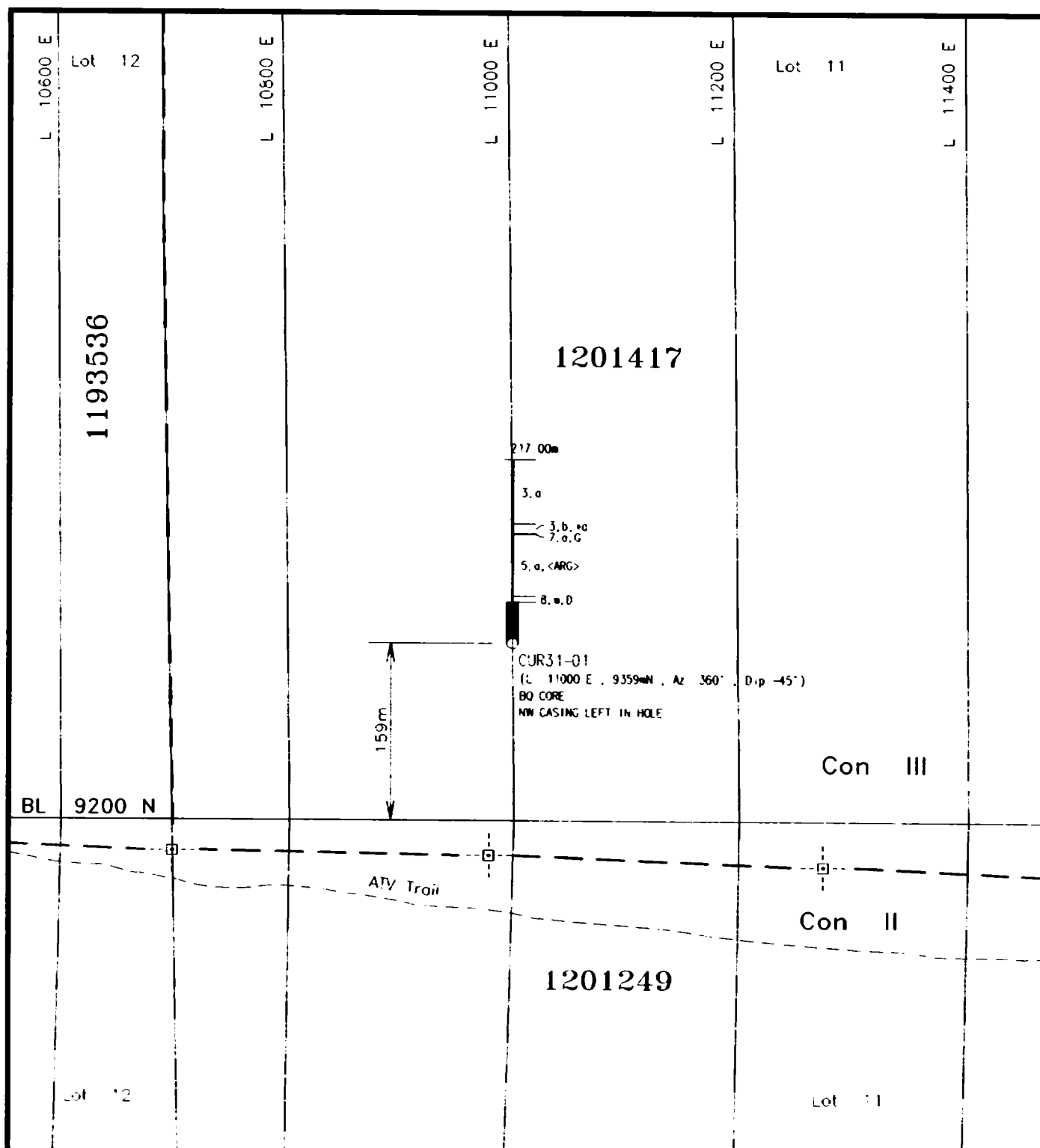
42A07NE0018 W9680-00230 CURRIE

010

**DIAMOND DRILLING ASSESSMENT REPORT
CURRIE-BOWMAN TOWNSHIPS**

FALCONBRIDGE LIMITED

MAY, 1996



FALCONBRIDGE LIMITED

Exploration Division

Timmins ONTARIO



CURRIE - BOWMAN OPTION

CURRIE TOWNSHIP

DIAMOND DRILL PLAN
CUR31-01

Handwritten signature

□ CLAIM POST LOCATION

DATES DRILLED OCT. 26-28, 1995

SEE ATTACHED SHEET FOR GEOLOGY LEGEND

ASTRONOMICAL



SHEET ORIENTED WITH NORTH
AZIMUTH 90° 25'

TRACED: PRODES DATE 07/25/96

NTS: 42-A/77 & 10 PROJECT 8262

DRAWN: d = 1 DATE 08/05/96

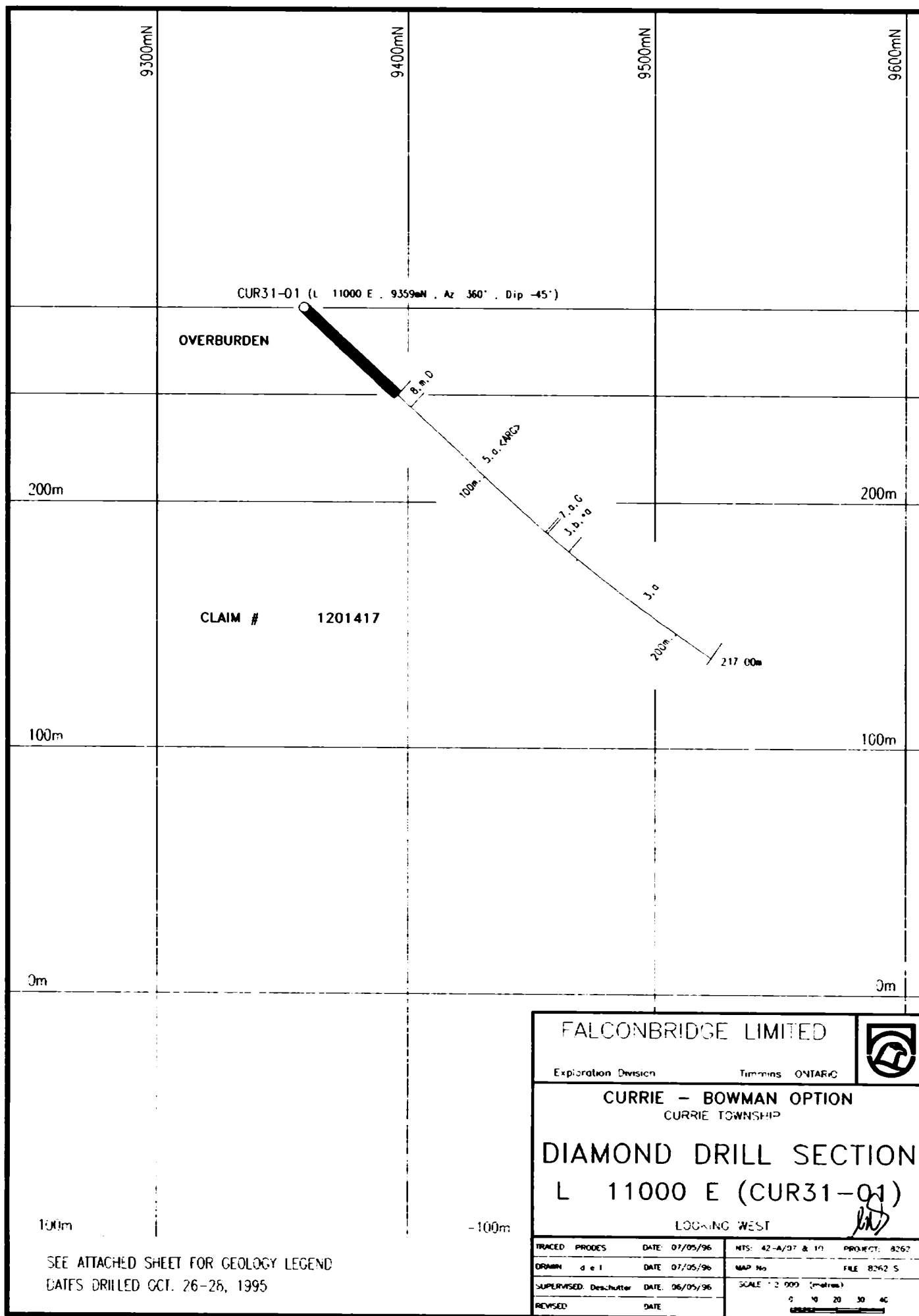
MMP No FILE 8262 1

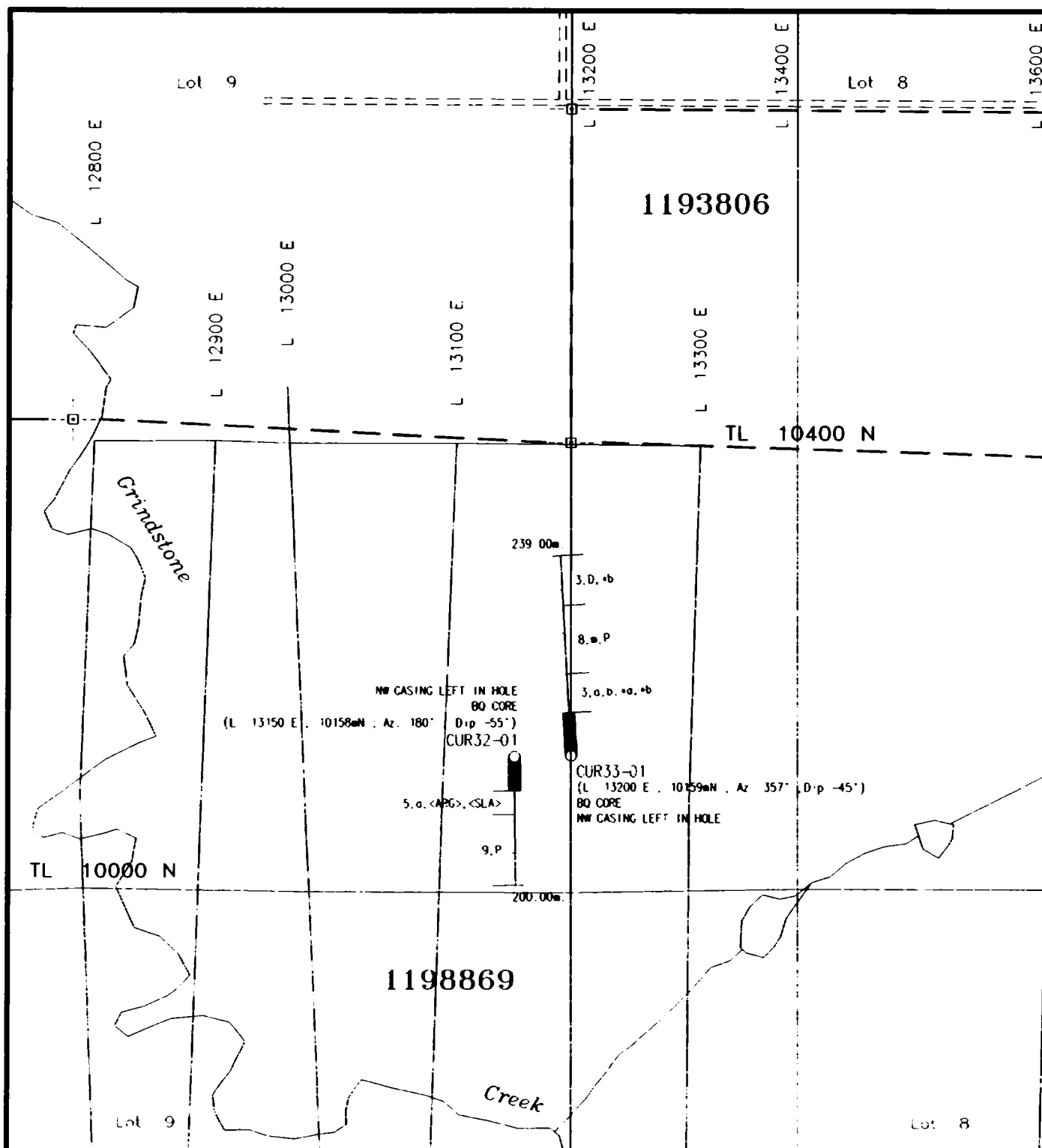
SUPERVISED: Deschutter DATE 06/05/96

SCALE 1:5,000 (metres)

REVISED DATE

0 40 80 120 160





TL 10000 N

1198869

FALCONBRIDGE LIMITED

Exploration Division

Timmins ONTARIO



CURRIE - BOWMAN OPTION
CURRIE TOWNSHIP

DIAMOND DRILL PLAN
CUR33-01 &
CUR32-01

W.S.

-E- CLAIM POST LOCATION

DATES DRILLED CUR33-01 OCT 16-19, 1995

DATES DRILLED CUR32-01 FEB 24-28, 1996

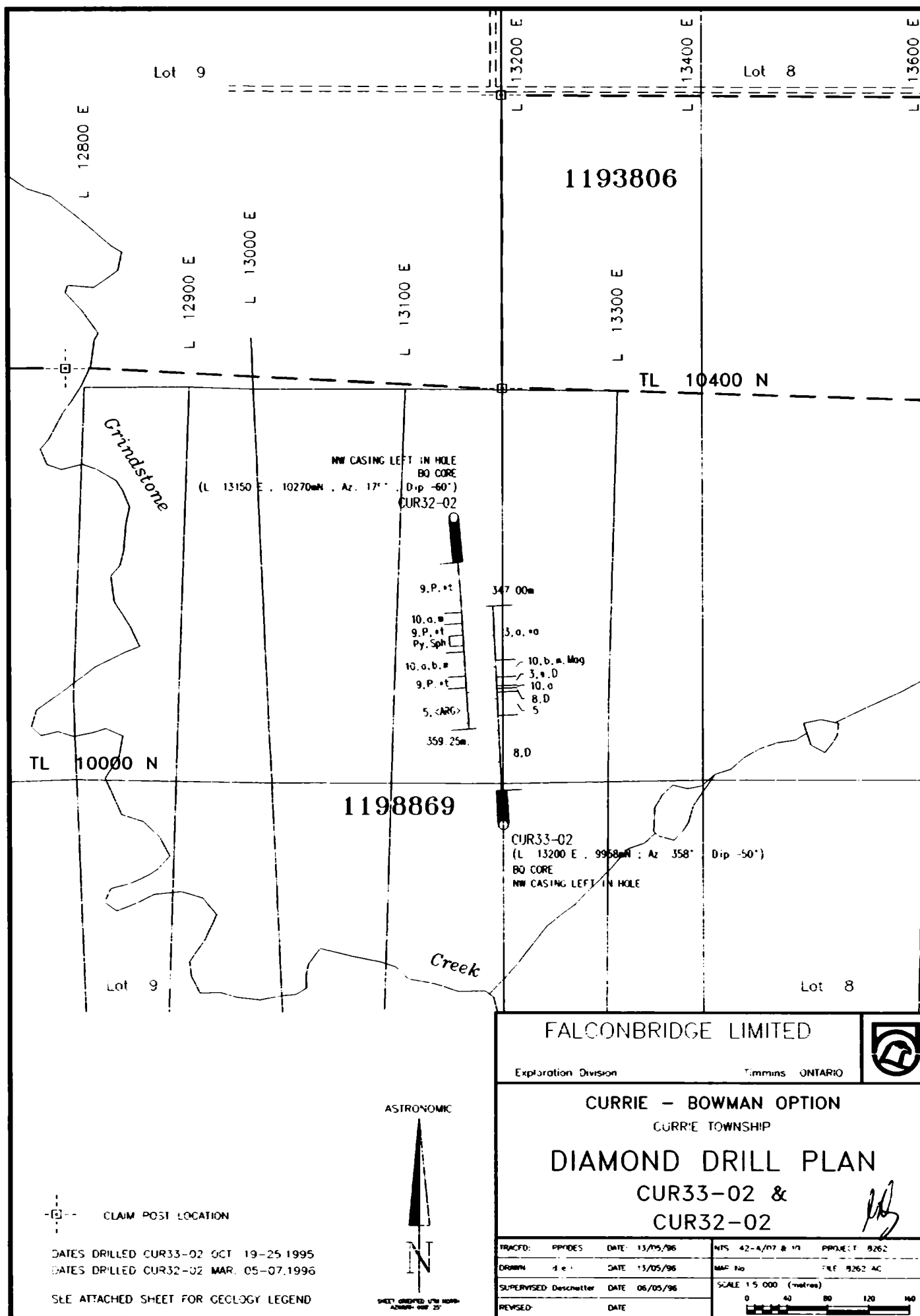
SEE ATTACHED SHEET FOR GEOLOGY LEGEND

ASTRONOMIC



SHEET ORIENTED WITH NORTH
ARROWS ON 29

TRACED	PROCES	DATE 07/05/96	NTS 42-A/07 & 10	PROJECT 8,67
DRAWN	3 e 1	DATE 06/25/96	MAP No	FILE 8262 Z
SUPERVISED	Des. Butler	DATE 06/05/96	SCALE 1:5 000 (metres)	
REVISED	DATE		0 40 80 120 160	



Lot 9

Lot 8

1193806

1198869

TL 10400 N

TL 10000 N

Crinoidstone

Creek

Lot 9

Lot 8

ASTRONOMIC

CLAIM POST LOCATION

DATES DRILLED CUR33-02 OCT 19-25 1995
 DATES DRILLED CUR32-02 MAR. 05-07 1996

SHEET GRIPPED WITH NORTH ARROW - 008 25'

ASTRONOMIC

FALCONBRIDGE LIMITED

Exploration Division

Timmins ONTARIO



CURRIE - BOWMAN OPTION

CURRIE TOWNSHIP

DIAMOND DRILL PLAN

CUR33-02 &

CUR32-02

TRACED: PPRODES DATE: 13/05/96 NTS: 42-4/07 & 10 PROJECT: 9262

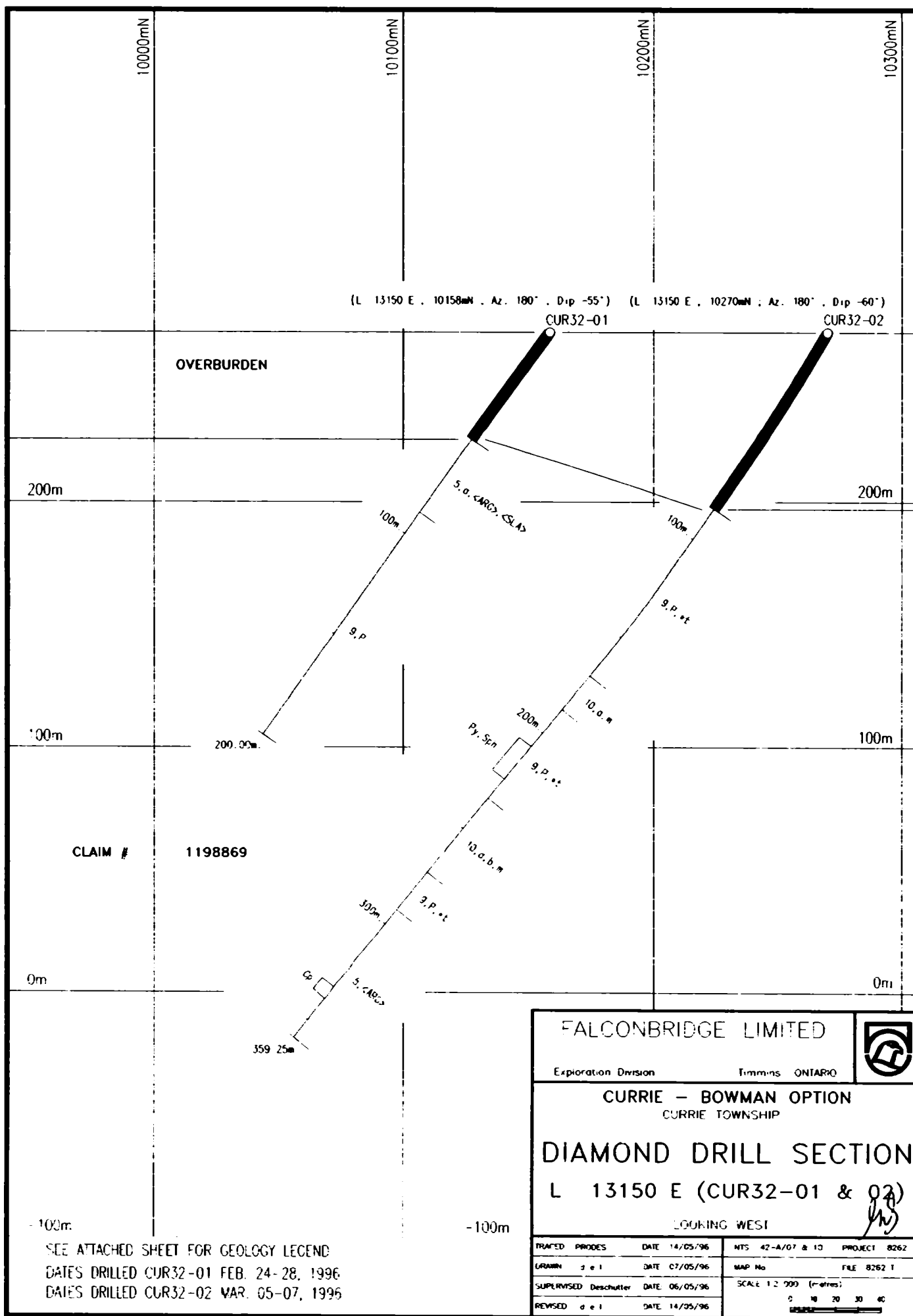
DRAWN: DATE: 13/05/96 MAP No: FILE: 9262 AC

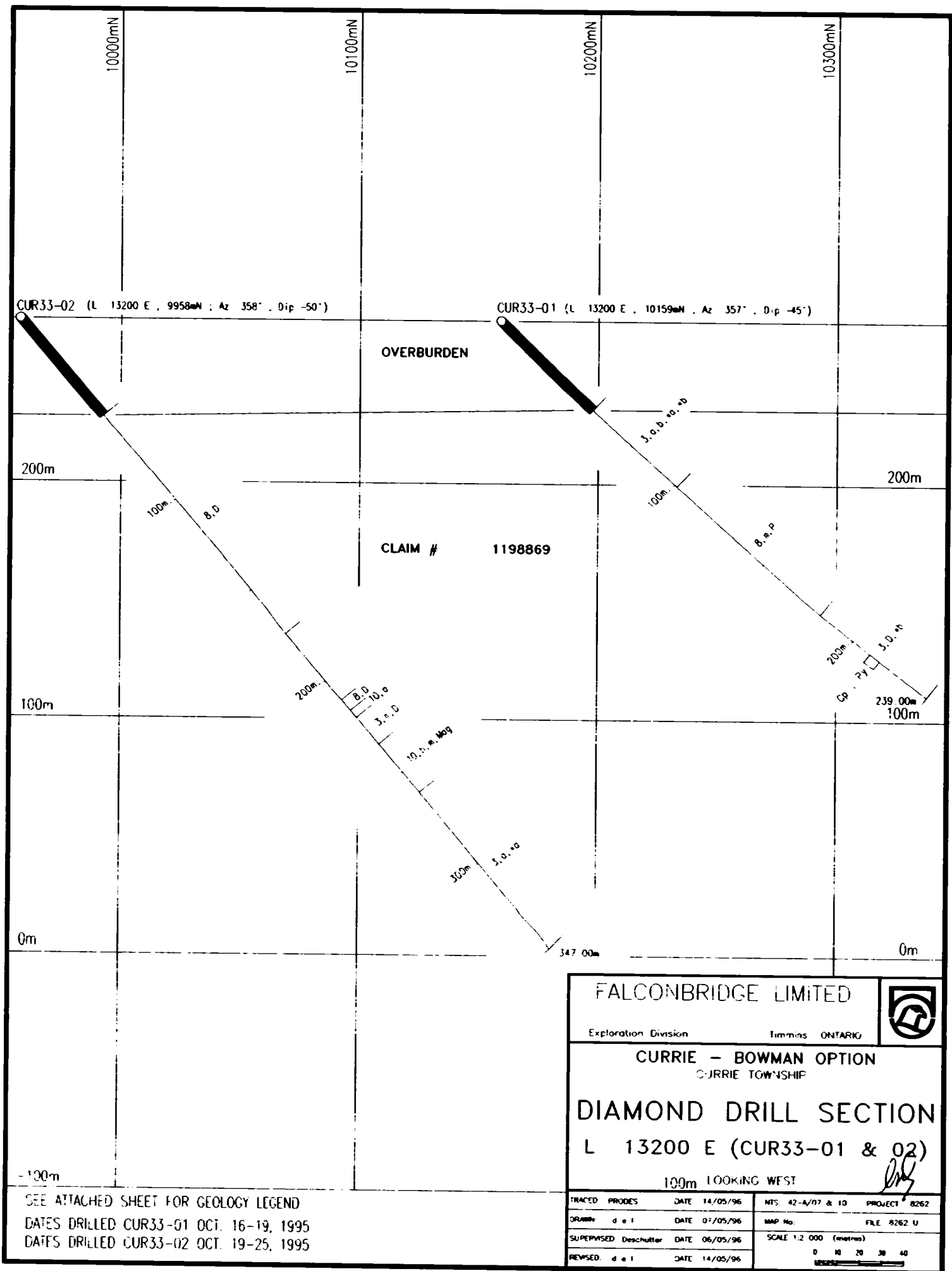
SUPERVISED: Deschetter DATE: 06/05/96

SCALE: 1:5 000 (metres)

REVISED: DATE:

0 40 80 120 160





SEE ATTACHED SHEET FOR GEOLOGY LEGEND
 DATES DRILLED CUR33-01 OCT. 16-19, 1995
 DATES DRILLED CUR33-02 OCT. 19-25, 1995

FALCONBRIDGE LIMITED

Exploration Division Timmins ONTARIO



CURRIE - BOWMAN OPTION
 CURRIE TOWNSHIP

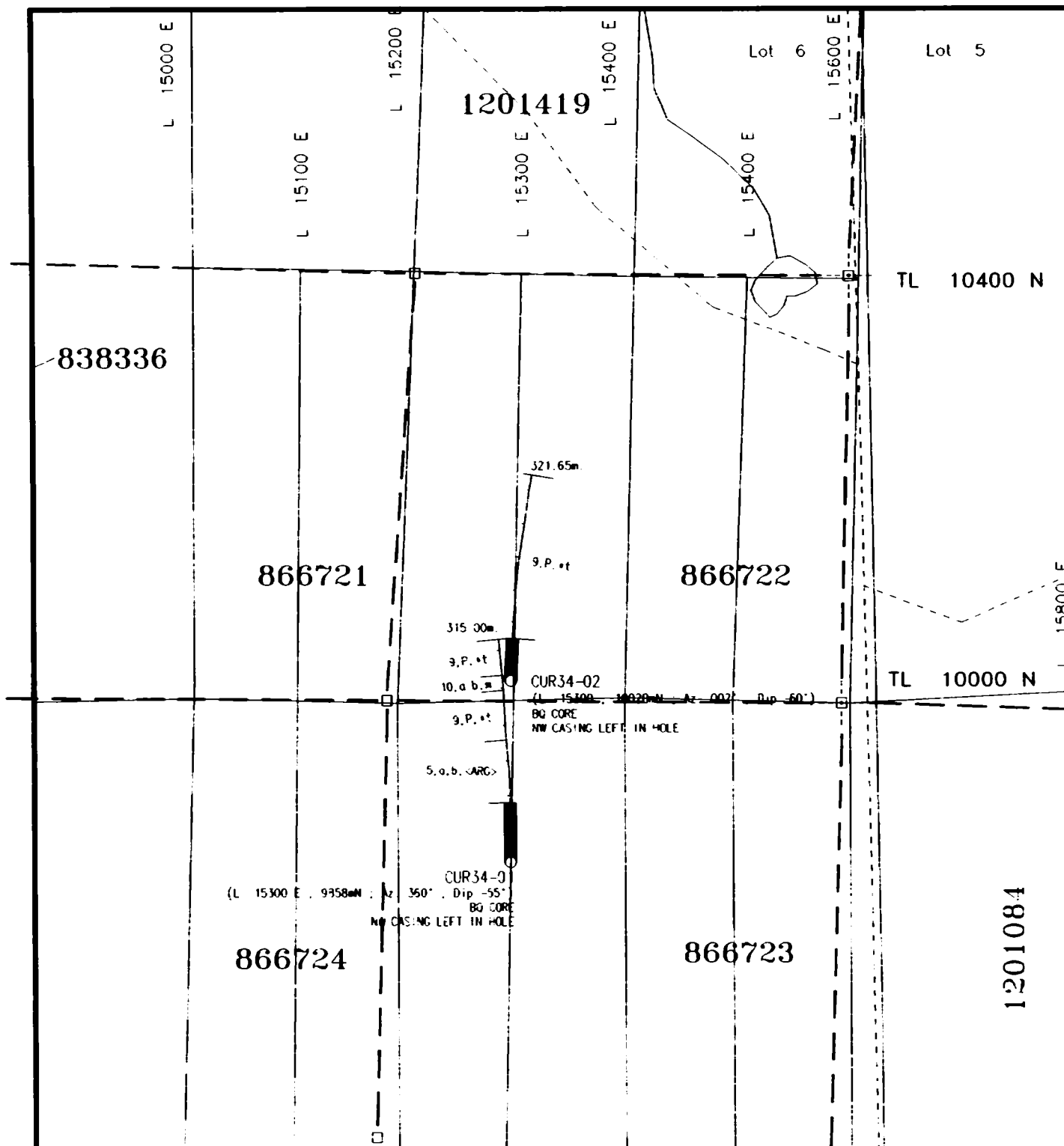
DIAMOND DRILL SECTION

L 13200 E (CUR33-01 & 02)

100m LOOKING WEST

[Signature]

TRACED PRODES	DATE 14/05/96	MTS. 42-A/07 & 10	PROJECT 8262
DRAWN d e l	DATE 07/05/96	MAP No.	FILE 8262 U
SUPERVISED Deschutter	DATE 06/05/96	SCALE 1:2 000 (metres)	
REVISED d e l	DATE 14/05/96	0 10 20 30 40	



□ CLAIM POST UNLOCATED

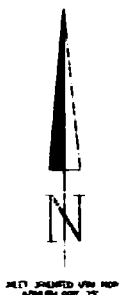
□ CLAIM POST LOCATION

DATES DRILLED CUR34-01 MAR. 09-11, 1996

DATES DRILLED CUR34-02 MAR. 12-14, 1996

SEE ATTACHED SHEET FOR GEOLOGY LEGEND

ASTRONOMIC



NOT DRAWN FOR 100%
ADJUSTED FOR 2%

FALCONBRIDGE LIMITED



Exploration Division

Timmins ONTARIO

CURRIE - BOWMAN OPTION

CURRIE TOWNSHIP

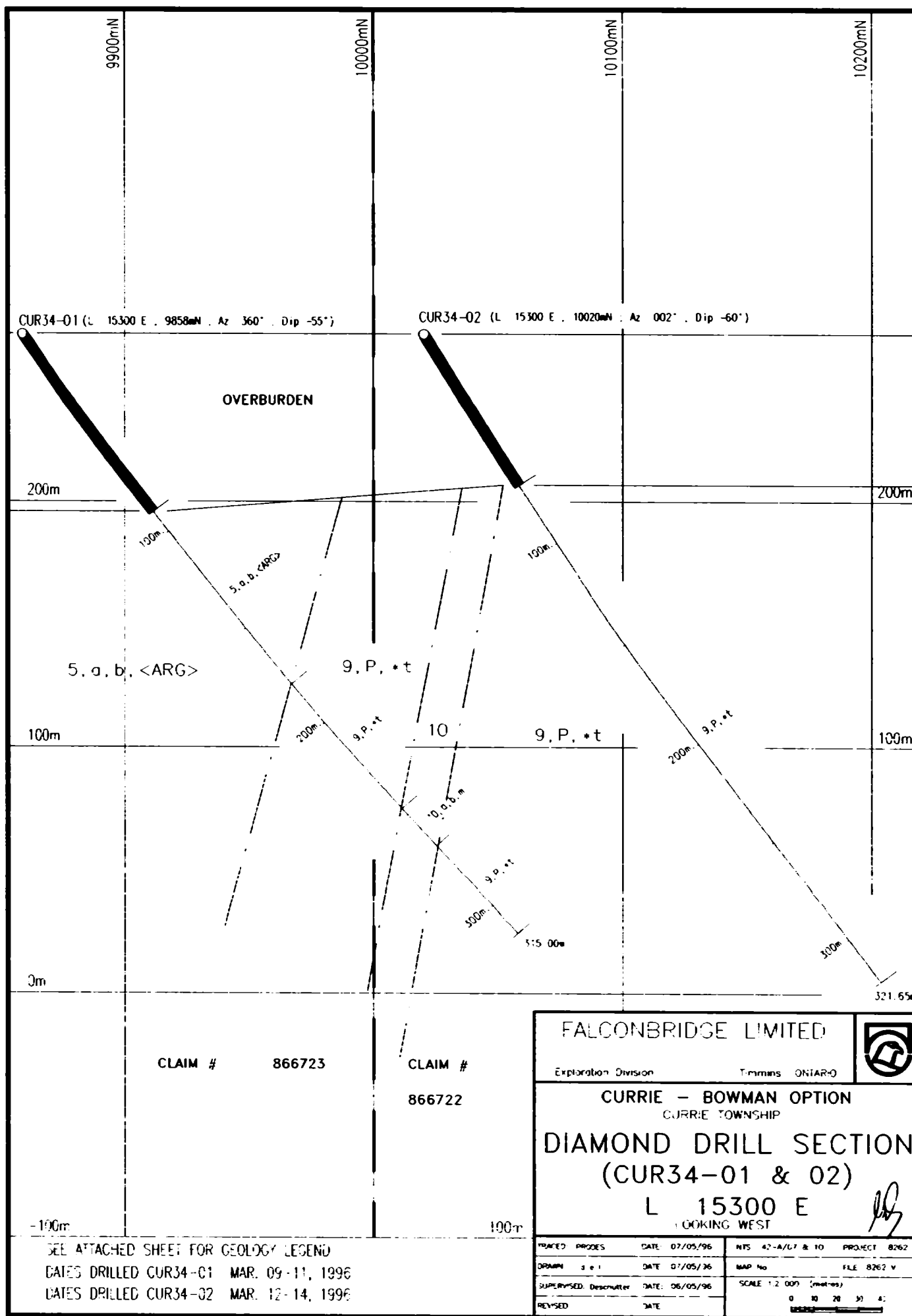
DIAMOND DRILL PLAN

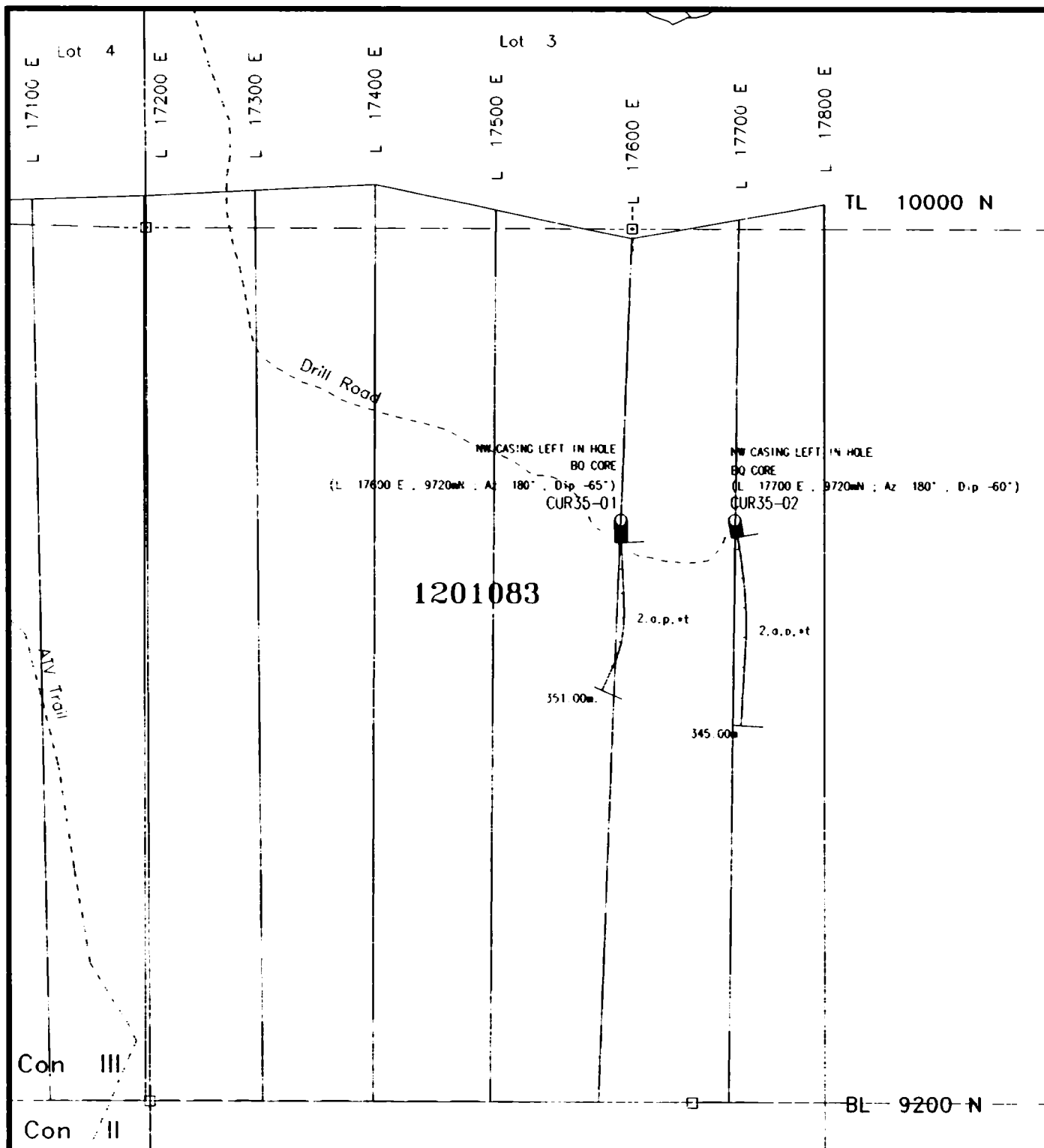
CUR34-01 &
CUR34-02

Handwritten signature

TRACED:	PROCESS	DATE	07/05/96
DRAWN	d e l	DATE	08/05/96
SUPERVISOR'S/D	Descriptor	DATE	05/05/96
REVISED		DATE	

NYS	42-A/07 & 10	PROJECT	9262
MAP No		FILE	8262 AA
SCALE 1:5 000 (metres)			
0 40 80 120 160			





FALCONBRIDGE LIMITED

Exploration Division

Timmins, ONTARIO



CURRIE - BOWMAN OPTION

CURRIE TOWNSHIP

DIAMOND DRILL PLAN

CUR35-01 &
CUR35-02

Handwritten signature

□ CLAM POST UNLOCATED

—□— CLAM POST LOCATION

DATES DRILLED CUR35-01 MAR 22-24 1996

DATES DRILLED CUR35-02 MAR 25-30 1996

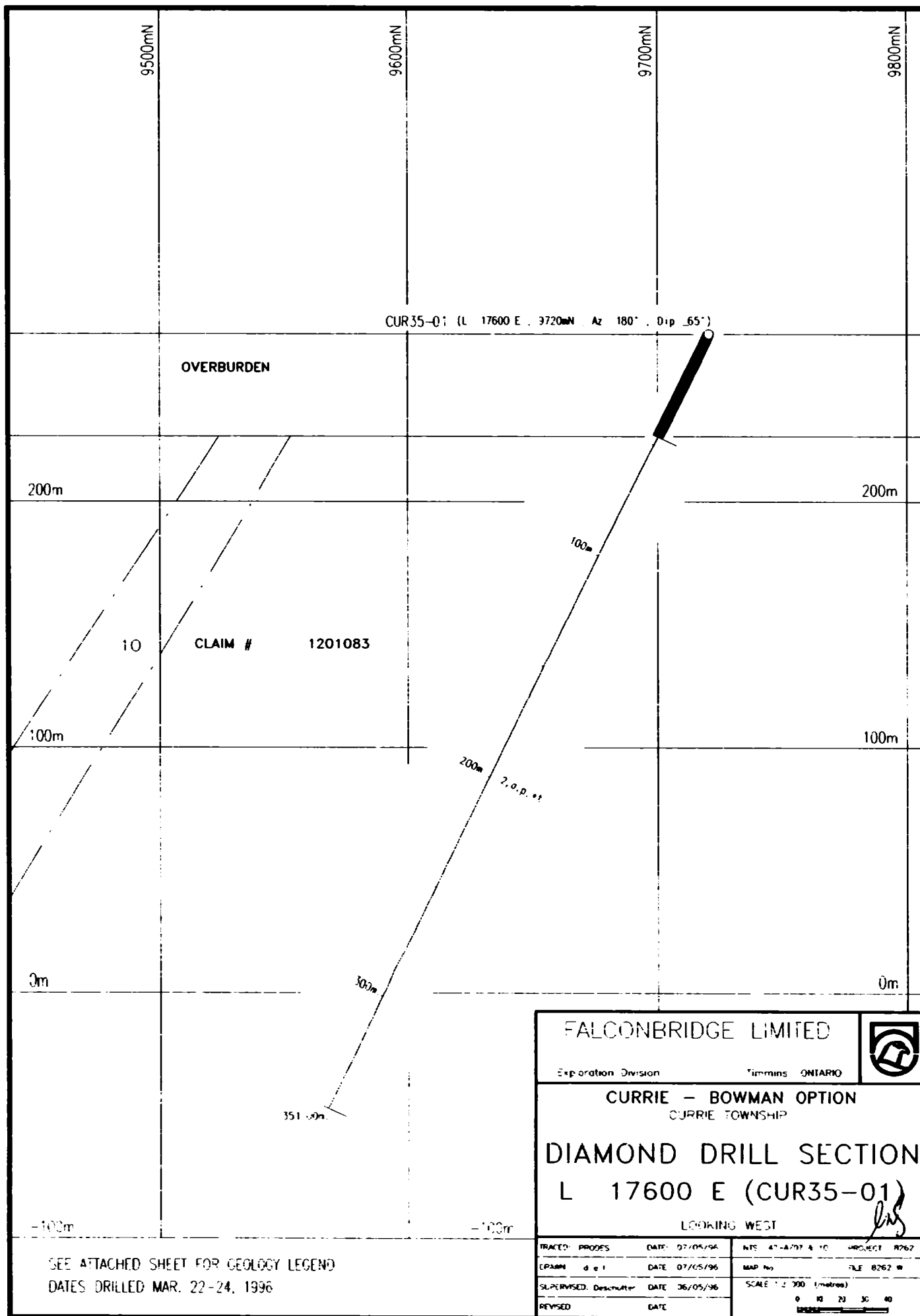
SEE ATTACHED SHEET FOR GEOLOGICAL LEGEND

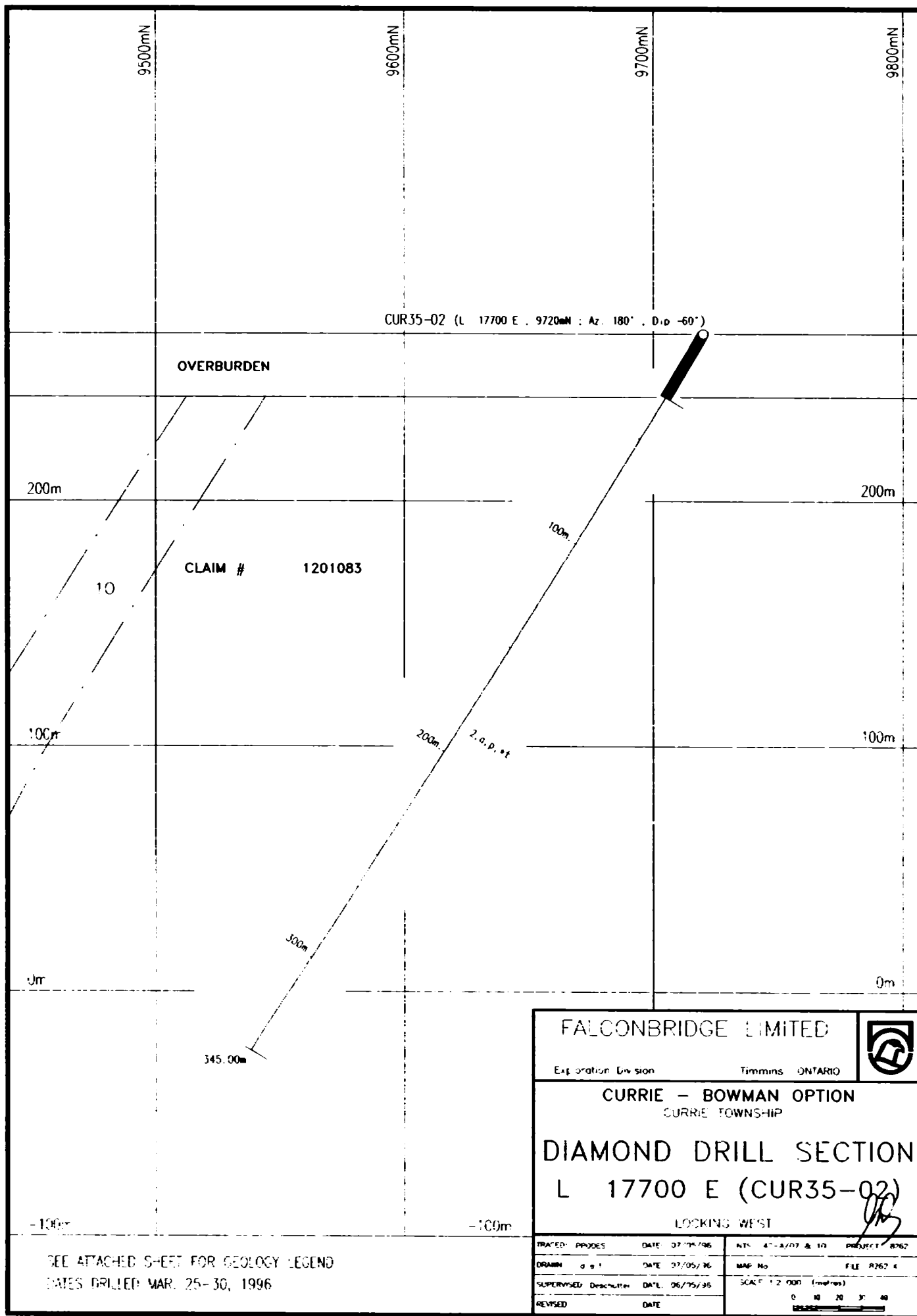
ASTRONOMIC



SCALE ORIENTED WITH NORTH
ARROWS 2"

TRACED	PROCESSED	DATE 07/05/96	NTS 42-A/97 & 7	PROJECT 8252
DRAWN	drawn	DATE 09/05/96	MAP No	FILE 8252 AB
SUPERVISED	Descutter	DATE 06/05/96	SCALE 1:5 000 (metres)	
REVISED	DATE		0 40 80 120 160	





FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 54.00	«00» Casing Overburden					
54.00 TO 101.25	«3,a,b,*a,*b» Intermediate Volcanic fine grained medium grained tuff lapilli tuff	Light grey to light green fine to medium grained well foliated intermediate tuff. Variably Qt-Fel-Ca veined with frequent crenulations. Foliation averages 50° to C.A. Disseminated fine grained Py in most of interval. Sheared contact with intrusive. {73.10-73.50} «S2 50° S1» Foliation S1 foliation (bedding?) is 50° to C.A. {86.50-86.60} «S0 46°» Bedding {91.05-91.10} «S0 39°» Bedding {96.60-96.70} «S0 41°» Bedding		Pervasive Chl and Se alteration throughout interval. Qt-Ca-Fel veining up to 5cm wide at acute angles to C.A. {54.00-101.00} «SePW,ChPS,SiFw» weak, pervasive, sericitization; strong, pervasive, chloritization; weak, fracture/vein controlled, silicification 54.00-101.00 «ChPS,SeSW,SiFw» strong, pervasive, chloritization; weak, spotty, sericitization; weak, fracture/vein controlled, silicification	54.00 «Py01-2X» 1.0-2.0% disseminated/blebby pyrite. mm scale Py bending parallel to foliation.	
101.25 TO 182.65	«8,m,P» Intermediate Intrusive massive porphyritic	Mottled pink and grey, massive, feldspar porphyry. Euhedral pink feldspars to 1cm in size are set in a grey, aphanitic to very fine grained matrix. Phenos make up 25-30% of rock. Silicified deformation zone (slightly sheared) from 128 to 129.90m. Contact with overlying tuff is lightly sheared and somewhat gradational (synvolcanic?). 158.35-162.56 «8» Intermediate Intrusive Highly sheared, silicified and sericitized. Fel phenocrysts are obliterated.		Few <1cm wide Qt-Ca veins with trace Py. Some Qt is smoky in appearance. Sheared and silicified zone from 158.35 to 162.56 m; much broken core and vuggy sections with frequent sericite bands to 2cm wide. {158.35-162.56} «SiPM,SeFM» moderate, pervasive, silicification; moderate, fracture/vein controlled, sericitization {162.56-182.66} «SiPM» moderate, pervasive, silicification {162.56-182.66} «CbPW» weak, pervasive, carbonatization {162.56-182.66} «SiPM,CbPW,ChPW» moderate, pervasive, silicification; weak, pervasive, carbonatization; weak, pervasive, chloritization	Trace Py disseminated as single specks (<.1mm). Py mostly associated with Qt-Ca vuggy veins. {126.70-127.45} «Py00-1X,Pyf1-1X» 0.1-1.0% disseminated/blebby pyrite; 0.5-1.0% fracture/vein controlled pyrite	Massive with little core fracturing.

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
182.65 TO 239.00	«3,D,*b» Intermediate Volcanic feldspar phytic lapilli tuff	Light grey-green, weakly foliated to massive variably Fe ²⁺ phytic intermediate volcanic. Moderately to strongly altered (Qt-Se). Rare Qt-Ca veinlets/fractures up to 1cm wide cut core at acute angles. Gouge from 190.62 to 190.67m. Foliation is 62° to C.A. at 190.55m; 59° at 19.55m. Massive, non-foliated with occasional Se bands from 207 to EOH.		Weak to moderate silicification throughout interval; sericite bands to 2cm wide distributed throughout foliated sections. {182.65-192.00} «ChPM,SePM» moderate, pervasive, chloritization; moderate, pervasive, sericitization {192.00-239.00} «SiPM,SiFM,CbFM» moderate, pervasive, silicification; weak, fracture/vein controlled, silicification; weak, fracture/vein controlled, carbonatization	1-5% disseminated and blebby pyrite throughout interval. Pyrrhotite as blebs and smears locally to 5%. Trace chalcopyrite associated with pyrrhotite. 209.50-209.55 «PoF1-2%,CpF0-1%,» 1.0-2.0% fracture/vein controlled pyrrhotite; 0.1-0.5% fracture/vein controlled chalcopyrite {216.84-217.52} «PoD1-2%,CpD0-1%,» 1.0-2.0% disseminated/blebby pyrrhotite; 0.1-0.5% disseminated/blebby chalcopyrite	
239.00 TO 239.00	«EOH» End-Of-Hole	33 boxes; MW and BW left in hole; hole making water.				

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn ppm	Ni ppm	Pt ppb	Pd ppb	S %	Mo ppm	Sb ppm	As ppm	Mn %	Po %	Py %	Cp %	Sp %	Gn %	ROCK TYPE	Comments	
AR06764	75.00	76.50	1.50	39	125	<2	0.2	1			12															
AR06762	86.50	88.00	1.50	46	118	3	0.2	1			28				1	<3			0.0	0.0	1.0	0.0	0.0	0.0	3,*b	
AR06763	97.00	98.50	1.50	13	50	<2	0.2	6			38				2	<3			0.0	0.0	1.0	0.0	0.0	0.0	3,*b	
AR06765	126.70	127.70	1.00	6	32	103	0.1	1			26				1	<3			0.0	0.0	1.0	0.0	0.0	0.0	3,*b	
AR06766	145.00	145.25	0.25	8	23	86	0.1	1			30				1	<3			0.0	0.0	1.0	0.0	0.0	0.0	8,m,P	
AR06767	158.45	159.45	1.00	6	24	58	0.1	1			24				8	<3			0.0	0.0	1.0	0.0	0.0	0.0	8,m,P	
AR06768	159.45	159.45	0.00	1150	31000	<2	9.9	340			58				1	<3			0.0	0.0	0.5	0.0	0.0	0.0	8,P	SILICIFIED
AR06769	184.19	185.69	1.50	123	67	298	0.9	3			33				16	<3			0.0	0.0	0.0	0.0	6.0	0.0		KZ-E 3X2H
AR06770	185.69	187.19	1.50	54	71	17	0.1	1			62				2	<3			0.0	0.0	0.5	0.0	0.0	0.0	3,a,*a	
AR06771	187.19	188.69	1.50	20	80	10	0.1	1			68				2	<3			0.0	0.0	0.5	0.0	0.0	0.0	3,a,*a	
AR06772	188.69	190.19	1.50	37	95	41	0.1	1			70				2	<3			0.0	0.0	1.0	0.0	0.0	0.0	3,a,*a	
AR06773	190.19	191.69	1.50	33	127	55	0.2	2			65				4	<3			0.0	0.0	0.5	0.0	0.0	0.0	3,*a	
AR06774	203.25	204.75	1.50	27	47	117	0.4	2			56				2	<3			0.0	0.0	1.0	0.0	0.0	0.0	3,*a	
AR06775	204.75	206.25	1.50	52	37	14	0.2	2			74				2	<3			0.0	1.0	2.0	0.0	0.0	0.0	3,*a	
AR06776	206.25	207.75	1.50	30	58	10	0.1	5			72				1	<3			0.0	1.0	0.0	0.0	0.0	0.0	3,*a	
AR06777	209.10	210.10	1.00	179	43	7	0.1	4			120				6	<3			0.0	1.0	0.0	0.0	0.0	0.0	3,*a	
AR06778	210.10	211.10	1.00	162	51	3	0.1	2			93				2	<3			0.0	0.5	0.5	0.0	0.0	0.0	3,*a	
AR06779	211.10	212.10	1.00	48	48	137	0.9	8			83				6	<3			0.0	0.5	0.5	0.0	0.0	0.0	3,*a	
AR06780	212.10	213.10	1.00	125	39	10	0.1	1			84				6	<3			0.0	0.0	0.5	0.0	0.0	0.0	3,*b	
AR06781	213.10	214.10	1.00	48	30	<2	0.1	1			95				2	<3			0.0	0.5	0.0	0.0	0.0	0.0	3,*a	
AR06782	214.70	215.50	0.80	55	41	<2	0.1	1			70				3	<3			0.0	0.5	1.0	0.0	0.0	0.0	3,*b	
AR06783	216.86	217.60	0.74	1500	59	281	2.2	1			150				3	<3			0.0	0.5	1.0	0.0	0.0	0.0	3,*a	
AR06784	217.60	218.60	1.00	46	38	7	0.1	1			66				5	<3			0.0	1.0	1.0	0.5	0.0	0.0	3,*b	
AR06785	218.60	218.60	0.00	1130	30700	10	9.8	340			52				1	<3			0.0	0.0	0.5	0.0	0.0	0.0	3,*a	KZE STD

GEOCHEMICAL ASSAY

Sample	From (M)	To (M)	Leg. (M)	SI02 %	AL2O3 %	CAO %	MGO %	NA2O %	K2O %	FE2O3 %	TIO2 %	P2O5 %	MNO %	CR2O3 %	LOI %	SUM %	Y PPM	ZR PPM	BA PPM	CU PPM	ZN PPM	NI PPM	CR PPM	FIELD NAME	CHEM ID	ALUM	
AR06727	68.00	71.00	3.00	64.27	15.74	1.18	2.15	2.64	2.40	5.97	0.52	0.16	0.09	0.02	3.15	98.24	10	92		<5	120	15			3,*b	3j\$	253
AR06729	73.25	74.75	1.50	59.43	17.48	3.60	2.16	1.86	3.12	5.29	0.54	0.24	0.09	0.02	4.09	97.90	12	98		10	210	<5			3,*b	3j\$	204
AR06728	96.00	99.00	3.00	61.00	14.82	4.50	3.64	2.75	0.84	4.39	0.52	0.16	0.06	0.04	5.17	97.85	10	86		165	40	60			3,*b	3j	183
AR06730	116.00	119.00	3.00	67.02	16.68	4.07	1.54	5.39	1.18	2.49	0.30	0.14	0.03	0.06	2.09	100.92	4	70		<5	30	30			8,m,P	9JA	157
AR06731	149.00	152.00	3.00	65.33	16.07	4.07	1.48	5.13	1.16	2.21	0.30	0.14	0.03	0.06	3.64	99.57	4	66		110	60	25			3,*b	3j\$	192
AR06732	178.00	181.00	3.00	62.04	14.56	3.63	3.97	3.25	0.70	6.07	0.63	0.18	0.07	0.04	3.88	98.98	12	96		110	60	25			3,*b	3j	171
AR06733	185.00	188.00	3.00	66.61	15.31	3.43	2.49	3.90	1.62	4.26	0.73	0.20	0.04	0.06	2.25	100.84	10	104		95	40	65			3,*b	3j	171
AR06734	207.00	211.00	4.00	66.84	15.17	4.34	1.71	4.52	0.64	4.55	0.62	0.14	0.04	0.07	1.68	100.26	14	116		75	30	50			3,D,*a	3j\$	160
AR06735	236.00	239.00	3.00																								

GEOCHEMICAL ASSAYS

Sample	From (M)	To (M)	Leng. (M)	RB PPH	SR PPH	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	MO PPM		
AR06727	68.00	71.00	3.00						10		16600																				
AR06729	73.25	74.75	1.50						10		16900																				
AR06728	96.00	99.00	3.00						15		4900																				
AR06730	116.00	119.00	3.00						25		100																				
AR06731	149.00	152.00	3.00						10		200																				
AR06732	178.00	181.00	3.00						20		100																				
AR06733	185.00	188.00	3.00						25		12600																				
AR06734	207.00	211.00	4.00						35		500																				
AR06735	236.00	239.00	3.00						25		5300																				

HOLE NUMBER : CUR33-01

GEOCHEMICAL ASSAYS

DATE: 23/01/1996

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	MGON	CA/AL	NI/MGO	ISHIKW	ZN/NA2		
AR06727	68.00	71.00	3.00																							0.46	0.07	7	54	45	
AR06729	73.25	74.75	1.50																								0.49	0.21	2	49	113
AR06728	96.00	99.00	3.00																								0.67	0.30	16	38	15
AR06730	116.00	119.00	3.00																								0.60	0.24	19	22	6
AR06731	149.00	152.00	3.00																								0.59	0.25	24	18	3
AR06732	178.00	181.00	3.00																								0.62	0.25	14	22	5
AR06733	185.00	188.00	3.00																								0.61	0.25	6	40	18
AR06734	207.00	211.00	4.00																								0.58	0.22	26	36	10
AR06735	236.00	239.00	3.00																								0.47	0.29	29	21	7

HOLE NUMBER: CUR33-01

GEOCHEMICAL ASSAYS

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 54.00	«J08J» Casing Overburden					Casing reamed from 49.20 to 54 metres.
54.00 TO 173.97	«8,D» Intermediate Intrusive feldspar phyruc	Mottled pink and medium grey to green, massive feldspar porphyry. Sub to euhedral pink feldspar crystals from 0.1mm to 1cm in size which make up 25-40% of the rock are set in a dark green to grey aphanitic to very fine grained matrix. First 7.5m are variably rusted due to ground water. Top of section has much broken core. Mafic xenoliths to 5cm in size (long dimension) occur sporadically throughout section; large mafic xenolith at 111.60m. Sheared zone with Se banding from 86.38 to 86.50m. 165.79-167.79 «5,a,<ARG>» Sedimentary fine grained, mudstone-argillite; xenolith of argillite at bottom of feldspar porphyry unit.		Rare Hem-filled fractures imparts orange-red colour to fractures. Rare Qt-Ca veinlets to 0.5cm wide cut core at acute angles. Matrix contains mm-sized Chl clots. Minor silicification of matrix throughout interval. ↓116.97-119.33↓«SiPM,CHPW» moderate, pervasive, silicification; weak, pervasive, chloritization 154.70-155.07 «SiPS» strong, pervasive, silicification ↓155.80-156.60↓«SiPM,CHPW» moderate, pervasive, silicification; weak, pervasive, chloritization	Trace Py specks disseminated throughout interval; mostly associated with Qt-Ca veinlets. 154.70-155.07 «Py00-1%,» 0.1-1.0% disseminated/blebby pyrite	
173.97 TO 210.50	«5,a,<ARG>» Sedimentary fine grained mudstone-argillite	Charcoal grey, fine grained, cm scale banded argillite. Bedding averages 60° to C.A. Most of interval consists of broken core; core is fissile as it breaks easily along bedding planes. Rare weakly graphitic seams. Last 30cm of unit have bedded contact with intermediate intrusive. ↓157.00-157.30↓«S0 58°» Bedding Bedding in argillite.		Very little alteration throughout interval. 192.07-192.13 «SePS» strong, pervasive, sericitization; massive band of Se	Smears and fracture controlled pyrite associated with Qt veins and brecciated portions of sedimentary sequence. Smear of cp in brecciated zone 6 cm wide; Qt cemented; 5% cp. 194.14-194.20 «CpF1-3%,» 0.5-3.0% fracture/vein controlled chalcocopyrite in Qt cemented argillaceous breccia.	This unit is not conductive.
210.50 TO 216.16	«8,D» Intermediate Intrusive feldspar phyruc	Mottled white and diffuse grey, massive feldspar porphyry. Highly silicified and sericitized. Pink Mg-carbonate vein 1cm wide contains blebs of Sph, Mo and Cp at 215.44m. Bottom contact is brecciated and contains smears of Cp in Qt-Ca veinlets at 215.80m.		Interval is highly silicified. ↓212.00-215.75↓«SiPS ,SePW» strong, pervasive, silicification; weak, pervasive, sericitization	Finely disseminated Py throughout interval. Cp noted in bottom of section in Qt-Ca veinlets with becciated zone. Mo, Sph, Cp in pink Mg carbonate vein at 215.44 m. 215.43-215.47 «CpF1-1%,SphF1-1%,MoF0-0%,» 0.5-1.0% fracture/vein controlled chalcocopyrite; 0.5-0.8% fracture/vein controlled sphalerite; 0.1-0.2% fracture/vein controlled molybdenite	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
216.16 TO 220.10	«10,a» Diabase fine grained	Light grey, fine grained diabase dyke. Chilled margin with the overlying porphyry. Contains blebs of pyrite to 5mm in size. Bottom contact is intrusive looking with a very fine grained chilled margin.		Qt-Ca veins to 1cm wide cut core (only eight veins within interval).	215.74-216.05 «CpF0-1%,» 0.1-0.8% fracture/vein controlled chalcopyrite	Blebbly and pseudo-rosette looking blebs to 5mm in size peppered throughout interval.
220.10 TO 234.60	«3,n,D» Felsic Volcanic variolitic/spherulitic feldspar phyric	Medium grey to grey and spotted massive to moderately foliated spherulitic and feldspar phyric intermediate volcanic. Localized shearing indicated by stretched frags/phenos/spherulites 45-50" to C.A. Blebby sphalerite to 1cm in size associated with Qt-Ca veinlets and fractures. Entire interval has been silicified with minor sericitization. Semi massive Py 5cm wide (50-60% Py) at 223.11m. Interval is more sulphide rich at bottom (brecciated). 222.10-233.10 «5,a,<ARG>» Sedimentary fine grained, mudstone-argillite, highly sicified. 234.40-234.60 «5,b,<ARG>» Sedimentary breccia, mudstone-argillite, with 5% py.		Entire interval is silicified with minor sericitization. Qt-Ca veins and veinlets/fractures may contain trace to 2% sphalerite. [222.00-234.40]«SiPS,SeSW» strong, pervasive, silicification; weak, spotty, sericitization	223.11-223.16 «Py40-50%,» 40.0-50.0% massive pyrite 225.88-225.96 «Sph0-2%,» 0.1-2.0% disseminated/blebby sphalerite within Qt-Ca vein	Blebby sphalerite associated with Qt-Ca veinlets and fracture fills. Py locally to 45% over 5cm interval at 223.11m and 5-10% over last 15-20cm of interval.
234.60 TO 261.10	«10,b,m,Mag» Diabase medium grained massive magnetite	Mottled dark green, light green, and orange-pink, medium grained, massive diabase dyke. Both margins are finer grained (chilled). Variable Hem and Epi staining throughout interval. Core is magnetic. Country rock clasts included near base of unit. 257.40-257.64 «5,s,S-D,<AR>» Sulphide (>40%) disseminated sulphide, mudstone-argillite, clast within diabase. 259.00-259.36 «4,*a» Felsic Volcanic tuff, clast within diabase. Contains finely disseminated py parallel to foliation.		Variably Epi and Hem stained; few Qt-Epi-Ca veins to 0.5cm wide cut core. 242.85-243.92 «EpPS,HePW» strong, pervasive, epidotization; weak, pervasive, heratization	Trace py blebs. Great majority of sulphide mineralization is confined to country rock (felsics?) clasts/fragments near bottom of section.	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
261.10 TO 347.00	«3,a,*a» Intermediate Volcanic fine grained tuff	Light to dark grey-green-blue, well foliated, highly altered intermediate tuff. Top of section (261.1-273m) is highly sulphidic with 10-40% banded and disseminated pyrite. Foliation averages 50° to C.A. Qt, Qt-Ca, and Ca veins to 10cm wide cut core parallel to foliation. Small (<10cm wide) very fine grained (chilled) diabase dyklets cut foliation at 294.50-294.57m and 296.32-296.41m. Calcite vein 5cm wide at 294.55m. Foliation 45° to C.A. at 305.50m; 47° to C.A. at 325.75m; 45° to C.A. at 338.25m. {276.00-276.20}={S2 55°}» Foliation Mineral foliation 55 degrees to C.A.		Variably altered with Se and or Chl throughout the interval. Se bands to 15cm wide. {261.10-338.71}={SePS,ChSM,SiSM}» strong, pervasive, sericitization; moderate, spotty, chloritization; moderate, spotty, silicification 261.70-272.40 «SeSS,ChPM» strong, spotty, sericitization; weak, pervasive, chloritization associated with the sulphidic interval. Remainder of interval has weak to mod Se-Chl alteration. {338.71-347.00}={ChPM}» moderate, pervasive, chloritization. Chl alteration becomes more prominent downhole.	Upper portion of interval is highly sulphidic (10-40% Py from 261.10 to 273m) Remainder of core to EOH has 2-3% disseminated Py parallel to foliation. One bleb of sphalerite seen at 267.10m in Qt vein bounded by Se +/- Chl altered tuff. {261.10-272.40}={Py}10-40%» 10.0-40.0% disseminated/blebby pyrite generally parallel to foliation of the core. 336.89-336.94 «PyF2-5%,» 2.0-5.0% fracture/vein controlled pyrite in intermediate altered tuff.	
347.00 TO 347.00	«EOH» End-Of-Hole					53 boxes; MW and BW casing left in hole.

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	g ppm	Pb ppm	Co ppm	Cu/Zn ppm	Ni ppm	Pt ppb	Pd ppb	S %	Mo ppm	Sb ppm	As ppm	Mn %	Po %	Py %	Cp %	Sp %	Gn %	ROCK TYPE	Comments
AR06786	154.70	155.07	0.37	29	38	31	0.3	38			25				17	<3	<5	0.0	0.0	1.0	0.0	0.0	0.0	8,D	SILICIFIED
AR06787	194.00	194.30	0.30	866	61	10	0.4	12			70				2	<3	<5	0.0	0.0	0.0	3.0	0.0	0.0	5,bx,<ARG>	
AR06788	215.26	215.56	0.30	30	3830	3	0.3	244			23				1	<3	<5	0.0	0.0	0.0	0.1	0.5	0.0	8,D	NO TOO
AR06789	215.56	216.16	0.60	116	164	10	0.5	195			59				2	<3	8	0.0	0.0	0.0	1.0	0.0	0.0	5,bx	
AR06623	222.10	223.15	1.05	103	55	24	0.5	15			87							0.0	0.0	2.0	0.0	0.1	0.0	5,a,<ARG>	
AR06624	223.15	224.15	1.00	36	32	3	0.2	1			36							0.0	0.0	0.0	0.0	0.0	0.0	3,n,D	
AR06625	224.15	225.15	1.00	62	44	<2	0.2	1			46							0.0	0.0	0.1	0.0	0.1	0.0	3,n,D	
AR06626	225.15	226.15	1.00	188	1020	27	0.4	48			39							0.0	0.0	0.1	0.0	0.5	0.0	3,n,D	
AR06627	226.15	227.15	1.00	18	50	7	0.2	1			35							0.0	0.0	0.1	0.0	0.1	0.0	3,n,D	
AR06628	227.15	228.15	1.00	16	44	10	0.1	1			37							0.0	0.0	0.0	0.0	0.0	0.0	3,n,D	
AR06629	228.15	229.15	1.00	9	48	3	0.1	1			33							0.0	0.0	0.0	0.0	0.2	0.0	3,n,D	
AR06630	229.15	229.80	0.65	11	38	<2	0.1	1			35							0.0	0.0	0.0	0.0	0.2	0.0	3,n,D	
AR06631	229.80	230.80	1.00	10	52	27	0.2	4			36							0.0	0.0	0.0	0.0	0.2	0.0	3,n,D	
AR06632	230.80	231.80	1.00	23	71	<2	0.2	35			37							0.0	0.0	0.0	0.0	0.2	0.0	3,n,D	
AR06633	231.80	232.80	1.00	61	562	<2	5.4	91			46							0.0	0.0	0.0	0.0	0.3	0.0	3,n,D	
AR06634	232.80	233.80	1.00	95	221	<2	0.9	37			52							0.0	0.0	0.0	0.0	0.3	0.0	3,n,D	
AR06635	233.80	234.40	0.60	68	191	<2	1.1	47			59							0.0	0.0	0.5	0.0	0.2	0.0	3,n,D	
AR06636	234.40	234.60	0.20	381	1220	31	2.4	112			154							0.0	0.0	5.0	0.0	0.0	0.0	5,bx,<ARG>	
AR06790	257.40	257.64	0.24	461	512	970	85.4	215			25				2	<3	102	0.0	0.0	15.0	0.0	0.0	0.0	3,a	
AR06637	261.10	262.10	1.00	103	8540	617	32.5	454			44							0.0	0.0	30.0	0.0	0.0	0.0	3,a	
AR06638	262.10	263.10	1.00	175	8520	631	24.0	1110			43							0.0	0.0	25.0	0.0	0.0	0.0	3,a	
AR06639	263.10	264.10	1.00	38	306	195	8.8	73			39							0.0	0.0	15.0	0.0	0.0	0.0	3,a	
AR06640	264.10	265.10	1.00	31	1700	34	3.8	80			40							0.0	0.0	10.0	0.0	0.0	0.0	3,a	
AR06641	265.10	266.10	1.00	23	200	14	1.7	29			54							0.0	0.0	5.0	0.0	0.0	0.0	3,a	
AR06642	266.10	267.10	1.00	24	283	38	2.6	70			53							0.0	0.0	5.0	0.0	0.0	0.0	3,a	
AR06643	267.10	268.10	1.00	45	940	89	3.1	14			55							0.0	0.0	5.0	0.0	0.0	0.0	3,a	
AR06644	268.10	269.10	1.00	28	594	24	1.6	11			51							0.0	0.0	5.0	0.0	0.0	0.0	3,a	
AR06645	269.10	270.10	1.00	30	95	31	1.9	8			49							0.0	0.0	5.0	0.0	0.0	0.0	3,a	
AR06646	270.10	271.10	1.00	18	182	130	1.2	9			45							0.0	0.0	5.0	0.0	0.0	0.0	3,a	
AR06647	271.10	272.10	1.00	37	323	34	1.9	12			46							0.0	0.0	3.0	0.0	0.0	0.0	3,a	
AR06648	272.10	273.10	1.00	89	1560	113	4.5	35			44							0.0	0.0	2.0	0.0	0.0	0.0	3,a	
AR06649	273.10	274.10	1.00	73	80	151	5.9	20			66							0.0	0.0	3.0	0.0	0.0	0.0	3,a	
AR06650	274.10	275.10	1.00	21	56	34	1.8	7			50							0.0	0.0	2.0	0.0	0.0	0.0	3,a	
AR06751	275.10	276.10	1.00	21	231	31	1.4	11			49							0.0	0.0	2.0	0.0	0.0	0.0	3,a	
AR06752	276.10	277.10	1.00	34	1400	38	0.9	9			48							0.0	0.0	0.0	0.0	0.0	0.0	3,a	
AR06753	277.10	278.50	1.40	26	896	21	0.5	5			46							0.0	0.0	2.0	0.0	0.0	0.0	3,a	
AR06754	278.50	280.00	1.50	23	281	21	0.4	4			40							0.0	0.0	2.0	0.0	0.0	0.0	3,a	
AR06755	280.00	281.50	1.50	28	207	7	0.3	2			39							0.0	0.0	2.0	0.0	0.0	0.0	3,a	
AR06756	281.50	283.00	1.50	50	83	17	0.3	5			39							0.0	0.0	0.0	0.0	0.0	0.0	3,a	
AR06757	283.00	284.50	1.50	59	197	27	0.1	1			62							0.0	0.0	2.0	0.0	0.0	0.0	3,a	
AR06758	284.50	286.00	1.50	37	162	21	0.3	1			46							0.0	0.0	3.0	0.0	0.0	0.0	3,a	
AR06759	286.00	287.50	1.50	50	652	17	0.2	1			31							0.0	0.0	0.0	0.0	0.0	0.0	3,a	
AR06760	287.50	289.00	1.50	17	155	10	0.1	1			29							0.0	0.0	2.0	0.0	0.0	0.0	3,a	
AR06761	289.00	289.00	0.00	1120	30700	17	9.6	335			50							0.0	0.0	0.0	0.6	6.0	0.0	KZe STD	

Sample	From (M)	To (M)	Leg. (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
ARO6736	83.00	86.00	3.00	66.49	16.27	3.79	1.57	5.85	1.10	2.78	0.34	0.14	0.04	0.07	1.73	100.09	4	80		35	25	20		8,D	9jA	151
ARO6737	113.00	116.00	3.00	64.22	16.26	4.24	1.54	5.59	1.00	2.75	0.34	0.16	0.04	0.05	1.83	97.96	2	78		25	30	10		8,D	9jA	150
ARO6738	149.00	152.00	3.00	65.72	16.91	4.25	1.54	5.62	1.12	2.88	0.35	0.14	0.04	0.09	2.14	100.73	4	78		35	50	20		8,D	9jA	154
ARO6739	222.00	225.00	3.00	64.13	17.63	1.91	2.49	5.94	1.32	4.04	0.57	0.16	0.05	0.06	2.32	100.55	12	70		25	35	40		3,b,n	3j	192
ARO6740	230.00	233.00	3.00	65.51	16.00	1.36	1.86	7.64	0.68	3.08	0.43	0.16	0.04	0.05	1.38	98.13	4	80		15	45	40		3,n,D	4jA	165
ARO6741	263.00	266.00	3.00	65.72	15.15	0.87	2.95	1.05	3.04	5.53	0.57	0.12	0.02	0.05	4.61	99.63	16	102		20	90	60		3,*e	3jS	305
ARO6742	278.00	281.00	3.00	63.40	16.21	1.95	3.40	0.51	2.90	6.50	0.61	0.16	0.12	0.05	4.73	100.47	12	90		25	170	30		3,*e	3jS	302
ARO6743	314.00	317.00	3.00	62.85	15.69	3.52	1.79	2.69	2.64	4.26	0.49	0.16	0.13	0.03	3.44	97.64	12	96		<5	65	20		3,*e	3jS	177
ARO6744	341.00	344.00	3.00	61.75	16.17	4.71	1.26	1.21	3.52	4.85	0.52	0.16	0.10	0.02	4.81	99.04	12	104		10	90	<5		3,*e	3j	171

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	B1 PPM	SE PPM	HF PPM	TA PPM	W PPM	MO PPM	TH PPM	U PPM	B PPM	CS PPM	LA PPM	CE PPM	MD PPM			
AR06736	83.00	86.00	3.00						25		300																					
AR06737	113.00	116.00	3.00						15		1400																					
AR06738	149.00	152.00	3.00						30		2000																					
AR06739	222.00	225.00	3.00						20		200																					
AR06740	230.00	233.00	3.00						20		500																					
AR06741	263.00	266.00	3.00						25		32300																					
AR06742	278.00	281.00	3.00						30		29500																					
AR06743	314.00	317.00	3.00						10		12900																					
AR06744	341.00	344.00	3.00						10		3000																					

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 51.00	«10B1» Casing Overburden					Casing reamed to 53m.
51.00 TO 58.30	«8,m,D» Intermediate Intrusive massive felspar phyric	Mottled pale green to white and grey-green, massive feldspar porphyry. Feldspar phenocrysts to 1cm in size are set in a very fine grained to aphanitic grey to grey-green matrix and make up 25-40% of the rock. Interval is variably silicified and chloritized with sericite bands to 4cm wide. Trace pyrite cubes disseminated throughout interval. Most of interval consists of broken to rubbly core.		Pervasive silicification throughout interval with minor sericitization.		
58.30 TO 133.10	«5,a,<ARG>» Sedimentary fine grained mudstone-ar gillite	Banded charcoal grey to light grey argillite. Very weakly graphitic seams. Occasional mudstone/siltstone beds; graded bedding indicates tops is uphole. Bedding is 57° to C.A. at 67.53m; 69° 90.41m; 65° at 110.30m; small beds (<15-20cm thick) of graded wacke; base is sandy and grades into fine sand to silt sized particles. Last 8 metres are brecciated and highly Qt-veined. Bleb of sph a 128.47m in brecciated arg; 10cm wide pink ksp-Qt vein at 129.23m which has blebby sphalerite. Argillite banding is 91.15-98.00 «5,b,F,*i» Sedimentary medium grained, wacke, matrix supported, with 1-3% pyrite stringers and blebs/fragments. Fragments range in size from <0.5cm to 2cm and are composed of argillite and few are possibly of volcanic origin. 123.97-124.74 «10,a,Mag» Diabase fine grained, magnetite,			Light brown mineral (Sph??) in Qt +/- Ca vein which run parallel to C.A. from 94.48 to 95.0m. Semi massive py from 89.15 to 89.20m; 97.45 to 97.49m. 92.50-93.58 «Py01-3%,» 0.5-3.0% disseminated/blebby pyrite	
133.10 TO 134.10	«7,a,G» Mafic Intrusive Leucoxene- bearing	Dark grey to black, massive mafic dyke/sill. Leucoxene-bearing 50% of interval consists of broken core. Massive Py (75%) from 133.10-133.20m. One metre of missing core from this zone.		Minor Chl and mod Si alteration throughout interval.	Massive pyrite from 133.10 to 133.20m (75%); 2-3% disseminated Py in remainder of interval; last 45cm is broken/rubble. 133.10-133.20 «PyM60-75%» 60.0-75.0% massive pyrite	Approximately 3 feet (1 metre) lost core in or around this interval.

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
134.10 TO 145.33	«3,b,*a» Intermediate Volcanic medium grained tuff	Banded light and dark grey, variably altered intermediate (?) volcanic (tuff?). Banding may be tectonic in origin. Possibly a sediment? Smaller intervals (beds?) contain phenos/xls of mm sized feldspars (locally to 25 modal %); very rare quartz eye noted. mm sized chl blebs in more silicified zones. Banding at 139.67m is 67° to C.A.; 70° to C.A. at 143.57m.		Variable silicification and sericite banding throughout interval. Si imparts a darker grey colour while the Se alteration imparts an off-white to light green colour to the core.		Finely disseminated Py parallel to foliation/bedding to 0.5%. Trace mm sized blebs of Py disseminated throughout interval.
145.33 TO 217.00	«3,a» Intermediate Volcanic	cm scale banded light to moderate green, highly tectonized int vol'c. Variably silicified and chloritized throughout interval. Subangular to subrounded mm sized phenocrysts (overprint?) make up 5-10 modal % of rock and are set in aphanitic matrix. May be an intermediate fragmental in sections phenocrysts restricted to matrix (?). Tectonic banding (?) 62° to C.A. at 148.08m. Upper contact with tuff (?) is 89° to C.A. Foliation is 67° to C.A. at 186.39m. Hem staining of feldspars starts at 187.60m giving the rock a pink/red and green mottled appearance.		All of interval is chloritized to some degree; Hem staining of feldspars starts at 187.60m. {145.33-217.00} «ChPM» moderate, pervasive, chloritization {187.60-202.40} «HePM» moderate, pervasive, hematization 187.60-202.40 «HeSM» moderate, spotty, hematization		
217.00 TO 217.00	«EOH» End-Of-Hole					30 boxes of core. BW casing left in hole.

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn ppm	Ni ppm	Pt ppb	Pd ppb	S %	Mo ppm	Sb ppm	As ppm	Ni1 %	Po %	Py %	Cp %	Sp %	Gn %	ROCK TYPE	Comments
AR06792	92.50	93.58	1.08	84	88	10	0.2	4			119				1	<3	<5	0.0	0.0	2.0	0.0	0.0	0.0	S,c,F,*h	
AR06793	94.41	94.96	0.55	91	85	3	0.1	3			83				2	<3	<5	0.0	0.0	0.1	0.0	0.1	0.0	S,b,F	
AR06794	128.45	129.40	0.95	77	3580	3	0.5	778			85				2	<3	41	0.0	0.0	0.0	0.0	0.1	0.0	S,<ARG>	
AR06795	134.10	134.80	0.70	61	1070	34	1.9	410			87				1	<3	109	0.0	0.0	10.0	0.0	0.0	0.0	3,*a	
AR06796	134.80	134.80	0.00	1110	30400	10	12.4	340			53				2	<3	26	0.0	0.0	0.0	0.1	6.0	0.0		KZe STD

Sample	From (M)	To (M)	Leg. (M)	SI02 %	AL2O3 %	CAO %	MGO %	NA2O %	K2O %	FE2O3 %	TIO2 %	P2O5 %	MNO %	CR2O3 %	LOI %	SUM %	Y PPM	ZR PPM	BA PPM	CU PPM	ZN PPM	NI PPM	CR PPM	FIELD NAME	CHEM ID	ALUM
AR06745	133.12	133.60	0.48	50.66	12.65	9.54	3.76	3.99	0.18	9.46	2.86	0.44	0.15	0.01	7.19	100.89	52	186		30	1165	40		7, a, G	7hyz	92
AR06746	137.00	140.00	3.00	66.50	14.31	3.70	2.29	4.83	1.02	3.80	0.53	0.14	0.06	0.04	3.39	100.57	8	88		10	85	40		3, b, *a, *g	3j	150
AR06747	152.00	155.00	3.00	63.64	15.50	3.35	2.67	4.64	1.36	3.60	0.52	0.14	0.06	0.03	3.43	98.91	10	100		<5	65	35		3, a	3j	166
AR06748	200.00	203.00	3.00	63.33	15.23	4.45	1.93	5.43	0.94	4.25	0.53	0.14	0.09	0.03	4.40	100.70	10	98		5	55	15		3, a	3j	141
AR06749	203.00	203.00	0.00	75.25	11.05	0.51	0.51	1.10	7.42	2.45	0.25	0.04	0.03	<0.00	0.75	99.35	120	294		5	125	10		KR-AP STMD	9hz	122

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	BT 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	
AR06745	133.12	133.60	0.48						30		100																			
AR06746	137.00	140.00	3.00						20		700																			
AR06747	152.00	155.00	3.00						20		<100																			
AR06748	200.00	203.00	3.00						15		100																			
AR06749	203.00	203.00	0.00						<5		100																			

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 53.30	«J08J» Casing Overburden					
53.30 TO 89.60	«5,a,<ARG>,<SLA>» Sedimentary fine grained mudstone-argillite slate	Black, very fine grained, occasionally laminated argillite. Narrow zones of brecciation cemented by quartz material. Bedding averages 30 degrees to C.A. most of interval but increases to 37° to C.A. at bottom of interval. More sandy unit (wacke) which is green in colour and highly quartz veined from 62 to 65.10 metres. Cp and/or sph +/- Ga blebs in Qt veins @ 55.55m, 60.90m, 64.10m, 68.05m, 68.75m, 73.10m, and 77.70m. Poor core recovery for most of interval (R00=50% from 62-77m). Few sections very weakly graphitic (extremely weak conductance). {57.90-58.00}«S0 26°!» Bedding bedding in argillite 62.00-65.10 «5,b,f» Sedimentary medium grained, wacke, green colour, laminated, containing up to 10% quartz veins. Sph, Ga, Cp blebs in trace amounts contained within Qt veins. {69.80-70.00}«S0 30°!» Bedding bedding in argillite {77.00-77.10}«S0 31°!» Bedding bedding in argillite {87.00-87.40}«S0 37°!» Bedding bedding in argillite		mm sized quartz +/- calcite veins cut entire interval 5-10% by volume.	mm-sized blebs of Cp, Sph, Ga widely scattered/disseminated in Qt veins from 55 to 77 metres. 64.00-64.25 «Gn00.1-0.5%, Cp00.1-0.3%, Sph00.1-0.3%, « 0.1-0.5% disseminated/blebby galena; 0.1-0.3% disseminated/blebby chalcopryite; 0.1-0.3% disseminated/blebby sphalerite all contained within Qt vein.	
89.60 TO 200.00	«9,P» Felsic Intrusive porphyritic	This unit is light to dark grey to dark green and spotted with white phenocrysts. The matrix is very fine grained to aphanitic and makes up 40-50% of the rock. The phenocrysts are white to ghosty grey in colour, range in size from 0.25 mm to 5 mm, are sub-to-euhedral, comprise 50-60% of the rock and are composed of plagioclase feldspar (An<50). Matrix is variably altered with sericite and chlorite-rich zones intermixed with silicified sections. Complete interval is weakly carbonitized. Qt-Cb veinlets < 1cm in size cut		104.00-107.00 «SiPM» moderate, pervasive, silicification, fsp phenos take on a dark grey colour; 158.85-159.15 «SiPS» strong, pervasive, silicification	trace pyrite disseminated throughout interval.	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
200.00 TO 200.00	«EOH» End-Of-Hole	<p>the core at all angles. Trace pyrite disseminated throughout interval. Some sections are characteristically sheared where the matrix is darker grey or green and the phenocrysts take on a more ghostly appearance with diffuse edges and paler grey colour. Unit becomes more sheared and altered at bottom of hole.</p> <p>114.05-121.20 «5,a,*g,<ARG» Sedimentary fine grained, thinly laminated, mudstone-argillite, intercalated with coarser grained wacke units. Soft sediment deformational features (flame structures) @ 117.85m. Graded bedding indicated tops is up-core. Bedding of argillite is 35° to C.A. Upper intrusive contact i 45° to C.A., lower contact is broken core for 10 cm.</p>				25 boxes of core; hole making water; NW and BW casing left in hole.

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn	Ni ppm	Ni1 %	Po %	Py %	Cp %	Sp %	Gn %	ROCK TYPE	Comments
AR06879	0.00	0.00	0.00	12	122	<2	0.3	13			7								
AR06797	62.00	63.50	1.50	70	1100	<2	0.3	480			75	0.0	0.0	0.0	0.0	0.0	0.0	STD	KR AP STD
AR06798	63.50	65.00	1.50	76	470	<2	0.3	227			70	0.0	0.0	0.0	0.1	0.1	0.1	S, <WCK>	in Qt vns
AR06799	68.00	69.50	1.50	188	88	<2	0.1	2			71	0.0	0.0	0.0	0.1	0.1	0.1	S, b, F	in Qt vein
AR06800	72.50	74.00	1.50	56	51	<2	0.1	1			66	0.0	0.0	0.0	0.1	0.0	0.0	S, *g, <ARG>	Qt veins
AR06851	77.50	79.00	1.50	23	50	<2	0.1	1			78	0.0	0.0	0.0	0.1	0.0	0.0	S, *g, <ARG>	
AR06852	89.60	91.10	1.50	16	33	<2	0.1	1			18	0.0	0.0	0.0	0.0	0.0	0.0	S, *g, <ARG>	
AR06853	91.10	92.60	1.50	13	33	<2	0.2	9			21	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06854	92.60	94.10	1.50	14	48	<2	0.1	5			19	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06855	94.10	95.60	1.50	18	38	<2	0.1	1			21	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06856	95.60	97.10	1.50	13	35	<2	0.1	1			22	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06857	97.10	98.60	1.50	13	42	3	0.1	2			20	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06858	103.50	105.00	1.50	15	30	<2	0.1	1			18	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06859	105.00	106.50	1.50	17	31	<2	0.1	1			21	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06860	106.50	108.00	1.50	15	34	<2	0.1	1			21	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06861	108.00	109.50	1.50	15	35	<2	0.1	1			20	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06862	109.50	111.00	1.50	13	40	<2	0.1	1			23	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06863	111.00	112.50	1.50	21	35	<2	0.1	1			19	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06864	112.50	114.00	1.50	31	29	3	0.1	1			18	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06865	121.25	122.75	1.50	11	30	<2	0.1	3			23	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06866	128.00	129.50	1.50	9	31	<2	0.1	1			24	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06867	129.50	131.00	1.50	7	43	17	0.1	1			25	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06868	131.00	132.50	1.50	6	37	<2	0.1	1			36	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06869	158.50	160.00	1.50	15	34	3	0.1	1			26	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06870	186.50	188.00	1.50	14	39	21	0.1	1			23	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06871	188.00	189.50	1.50	12	31	7	0.2	1			21	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06872	189.50	191.00	1.50	11	30	3	0.1	1			21	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06873	191.00	192.50	1.50	9	32	<2	0.1	1			24	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06874	192.50	194.00	1.50	7	29	24	0.1	1			25	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06875	194.00	195.50	1.50	5	32	3	0.1	2			27	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06876	195.50	197.00	1.50	6	33	<2	0.1	1			23	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06877	197.00	198.50	1.50	7	41	<2	0.1	1			31	0.0	0.0	0.0	0.0	0.0	0.0	9, P	
AR06878	198.50	200.00	1.50	10	42	<2	0.2	1			29	0.0	0.0	0.0	0.0	0.0	0.0	9, P	

Sample	From (M)	To (M)	Leng. (M)	SiO2 %	Al2O3 %	CaO %	HgO %	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
AR06801	89.60	92.60	3.00	65.09	16.58	3.07	1.41	5.73	0.96	2.90	0.33	0.14	0.04	0.12	2.13	98.50	4	80		15	35	5		8,P	9JA	170
AR06802	128.00	131.00	3.00	66.64	16.90	1.13	1.71	6.16	1.32	2.86	0.35	0.14	0.03	0.09	1.65	98.98	6	90		<5	50	20		8,P	9JA	196
AR06803	158.50	161.50	3.00	63.89	16.85	2.86	1.72	6.81	0.78	2.60	0.35	0.14	0.03	0.08	2.15	98.26	4	78		10	15	30		8,P	9JA	161
AR06804	196.00	199.00	3.00	66.48	17.05	2.26	1.56	7.36	0.88	2.65	0.35	0.14	0.03	0.08	1.81	100.65	4	76		<5	35	35		8,P	9JA	162

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	
ARD6801	89.60	92.60	3.00						15		100	50																		
ARD6802	128.00	131.00	3.00						20		300	70																		
ARD6803	158.50	161.50	3.00						15		400	60																		
ARD6804	196.00	199.00	3.00						20		500	70																		

Sample	From (M)	To (M)	Length (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
ARD6801	89.60	92.60	3.00														<1						5		0.54	0.19	4	21	6
ARD6802	128.00	131.00	3.00														<1						4		0.59	0.07	12	29	8
ARD6803	158.50	161.50	3.00														<1						4		0.61	0.17	17	21	2
ARD6804	196.00	199.00	3.00														<1						4		0.58	0.13	22	20	5

Sample	From (M)	To (M)	Length (M)	YB PPM	NB PPM	HG PPM
AR06801	89.60	92.60	3.00		<5	
AR06802	128.00	131.00	3.00		10	
AR06803	158.50	161.50	3.00		10	
AR06804	196.00	199.00	3.00		15	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 85.00	«{08}» Casing Overburden					
85.00 TO 170.17	«9,P,*t» Felsic Intrusive porphyritic sheared	<p>Variably chlorite and sericite altered, moderately to strongly sheared and foliated feldspar porphyry. The rock is composed of light to dark green matrix which makes up 45-50% of the rock and contains mm-sized, subhedral light grey phenocrysts which make up 50-55% of the rock. Pervasive chlorite and/or sericite alteration gives rock its green colour. Quartz and calcite veins up to 1 cm in thickness cut the core at all angles. Few silicified zones containing free Qt are up to 15 cm wide. Stringers, wisps, and disseminations of pyrite, locally up to 3-5% parallel the mineral foliation.</p> <p>{90.80-90.90}«{S2 45°}» Foliation Se and Py shear foliation</p> <p>{99.10-99.20}«{S2 33°}» Foliation</p> <p>{108.05-108.15}«{S2 43°}» Foliation shear foliation</p> <p>{117.55-117.65}«{S2 39°}» Foliation shear foliation imparted by chlorite-rich zone</p> <p>{131.00-131.10}«{S2 33°}» Foliation shear foliation</p> <p>{143.70-143.80}«{S2 44°}» Foliation shear foliation</p> <p>{152.05-152.15}«{S2 45°}» Foliation shear foliation</p> <p>{155.55-155.65}«{S2 44°}» Foliation shear foliation</p> <p>{168.55-168.65}«{S2 42°}» Foliation shear foliation</p>		<p>Sericite alteration, locally to 60% over 10 cm, dominates from 85 to 108.40m. Chlorite alteration, averaging 45%, dominates from 108.4m to 131 m after which both Se and Ch are present in alternating bands. Bright green talc vein from 115.25 to 115.30 running sub-parallel to C.A.</p> <p>{85.00-108.40}«SePS ,ChSw» strong, pervasive, sericitization; weak, spotty, chloritization</p> <p>{85.00-170.17}«CbPw» weak, pervasive, carbonatization disseminated throughout interval. Calcite veinlets cut core.</p> <p>{108.40-131.50}«ChPS ,SeSw» strong, pervasive, chloritization; weak, spotty, sericitization</p> <p>115.15-115.30 «TcFS» strong, fracture/vein controlled, talc-carbonatization; Tc vein runs sub-parallel to C.A.</p>	Trace Py disseminated throughout interval occasionally seen as stringers.	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
170.17 TO 187.75	«10,a,m» Diabase fine grained massive	fine to medium grained, magnetic, variably carbonate altered diabase. Upper and lower margins are fine grained (chilled) while the core is relatively coarser grained.		carbonate and diabase breccia from 185.05 to 185.65m. 185.05-185.65 «CbFS» strong, fracture/vein controlled, carbonatization		
187.75 TO 234.11	9,P,*t» Fesic Intrusive Porphyritic Sheared	Highly sheared and foliated, sericitized and silicified, weakly to strongly sulphidized feldspar porphyry. Could describe it as a sericite-feldspar/-pyrite schist. Differential shearing and sericite concentrations impart a strong banded fabric to the core. Banding/foliation varies throughout unit averages 38°. mm to cm scale crenulations cut core at shallow angles (21°). Bright green, micaceous-looking mineral (fuchsite?) occurs as blebs and thin bands/stringers throughout interval. Pale (Zn-rich) Sph occurs in Qt-Cb veins as blebby inclusions up to 2cm in size. Semi-massive Py breccia at bottom of unit from 233.45-234.11m. Py-rich sections (possible very fine grained Sph) reach concentrations of 2-5% Py locally. 195.25-195.50 «S2 36°» Foliation foliation in Se schist 212.00-212.10 «S2 40°» Foliation foliation of Se schist 219.05-219.15 «S2 32°» Foliation foliation imparted by banded Se schist and laminated Py. 232.00-232.10 «S2 38°» Foliation foliation imparted by laminated Se-Qt schist and Py. 233.13-233.20 «S2 55°» Foliation Py banding near contact with diabase		Sericite dominates the core from 187.75 to 203 m after which silicification dominates. Se imparts a green colour to rock while Si (Ab?) gives the core a medium grey hazy appearance. Rare 2-3 mm wide K-spar veinlets cut core perpendicular to shear foliation; 214.60 m, 218.90 m. Weakly carbonitized in the sericite zone. 187.75-203.00 «SePS» strong, pervasive, sericitization 203.00-234.11 «SiPM,SeSW» moderate, pervasive, silicification; weak, spotty, sericitization	1 to 3% Py throughout interval; 10 to 20% very fine grained and finely laminated Py (+Zn?) from 216-224m and 231-233m. Zn blebs in Qt-Cb veins/fractures at 206.80m and 221m. Semi-massive Py from 233.13 to 234.11m. 207.00-224.00 «Py82.0-10.0%,Sph0.5-1.0%» 2.0-10.0% bedded/banded pyrite; 0.5-1.0% fracture/vein controlled sphalerite usually within Qt-Cb veinlets/fractures	
234.11 TO 272.92	«10,a,b,m» Diabase fine grained	Fine to medium grained, weakly to moderately magnetic diabase dyke. Chilled margins are approximately 8m wide. Core of dyke is medium grained. Brecciated from 246 to 248m with much				

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
272.92 TO 292.50	medium grained massive «9,P,*t» Felsic Intrusive Porphyritic Sheared	Ep-Qt-Cb alteration in Bx zone. Weakly to strongly sheared and foliated, silicified feldspar porphyry. Matrix is grey-blue in colour and phenocrysts are white and dark grey depending on alteration style. Phenos are generally < 1cm in size and make up 45-50% of the core. Phenos are relatively euhedral at the margins of unit and stretched/deformed in central portion. Remobilized pale coloured Sph/Ga within Qt vein at 282.10m. 284.20-285.93 «5,<ARG>» Sedimentary mudstone-argillite clast/xenolith in fsp porphyry; silicified.		Majority of interval is mod to highly silicified imparting a ghostly grey colour to the core. {272.92-292.50}«SiPM» moderate, pervasive, silicification; margins of interval are less strained than core.	Py disseminated in trace quantities throughout interval. Remobilized Sph-Ga vein 2cm wide at 282.10 m. {272.92-292.50}«Py00.1-1.0%» 0.1-1.0% disseminated/blebby pyrite 282.10-282.15 «Sph1.0-5.0%,GnF0.1-0.5%,» 1.0-5.0% fracture/vein controlled sphalerite; 0.1-0.5% fracture/vein controlled galena both contained within qt vein (5cm wide).	
292.50 TO 359.25	«5,<ARG>» Sedimentary mudstone-argillite	Light to dark grey, cm scale bedded argillite with rare coarser grained (wacke) interbeds. Bedding ranges from 30-45° to C.A. Trace Sphalerite seen in thin (1-2mm thick) Qt veinlets; 1-2% Cp in 1 cm thick Qt vein @ 314.5 m. Unit becomes silicified at bottom. Complete interval is cut by mm to cm scale Qt ± Cb veinlets/fractures which usually cross cut bedding near or at right angles. {301.30-301.40}«{S0 37°}» Bedding 303.67-304.53 «5,bx,<ARG>» Sedimentary breccia, mudstone-argillite, cemented by Qt material. {309.75-309.85}«{S0 45°}» Bedding {323.00-323.10}«{S0 39°}» Bedding bedding contact between arg and wacke unit. {337.45-337.55}«{S0 45°}» Bedding			Trace Py and Zn(?) in silicified zones in sandstone at bottom of interval.	

HOLE NUMBER: CUR32-02

DRILL HOLE RECORD

DATE: 04/29/1996

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
359.25 TO 359.25	«EDW» End-Of-Hole	<p>{343.46-359.25}={5,a,<SST>» Sedimentary fine grained, sandstone, green colour; fractured, brecciated and contains trace Py, Sph in Qt veins.</p> <p>{343.50-343.55}={S0 43°}» Bedding bedding contact between argillite and sandstone.</p> <p>{393.10-393.20}={S0 33°}» Bedding bedding in argillite</p>				48 boxes of core; hole capped and not making water; BW casing left in hole.

HOLE NUMBER: CUR32-02

DRILL HOLE RECORD

LOGGED BY: G De Schutter

PAGE: 5

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn	Ni ppm	As ppm	S %	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments	
AT03777	204.20	205.70	1.50	28	2740	34	1.4	21			45	79	6.98									
AT03778	205.70	207.20	1.50	20	926	154	3.8	12			47	76	4.40								9,P,*t	
AT03779	207.20	208.70	1.50	40	2320	142	3.2	26			37	93	10.60								9,P,*t	
AT03780	208.70	210.20	1.50	31	399	69	1.9	30			35	44	7.51								9,P,*t	
AT03781	210.20	211.70	1.50	51	840	41	2.3	110			40	18	4.42								9,P,*t	
AT03782	211.70	212.70	1.00	29	100	27	1.9	24			39	9	5.14								9,P,*t	
AT03783	212.70	213.70	1.00	60	640	17	3.3	136			42	30	10.10								9,P,*t	
AT03784	213.70	214.70	1.00	32	279	21	3.1	73			46	29	4.52								9,P,*t	
AT03785	214.70	215.70	1.00	32	263	51	4.2	74			41	9	4.63								9,P,*t	
AT03786	215.70	216.70	1.00	53	1180	51	2.9	67			41	41	10.50								9,P,*t	
AT03787	216.70	217.70	1.00	62	3030	67	6.5	80			44	77	15.60								9,P,*t	
AT03788	217.70	218.70	1.00	35	981	<2	5.1	51			41	40	6.50								9,P,*t	
AT03789	218.70	220.25	1.55	54	2000	<2	7.9	181			41	75	8.30								9,P,*t	
AT03790	220.25	220.86	0.61	45	6330	202	8.2	874			40	145	7.95								9,P,*t	
AT03791	220.86	222.00	1.14	25	331	199	6.3	57			32	91	5.05								9,P,*t	
AT03792	222.00	223.00	1.00	38	928	5280	13.4	146			41	238	8.68								9,P,*t	
AT03793	223.00	224.00	1.00	100	5200	2249	14.5	1140			43	215	11.90								9,P,*t	
AT03794	224.00	225.00	1.00	109	1070	494	3.7	76			31	87	2.44								9,P,*t	
AT03889	224.00	224.25	0.25	152	3070	1666	17.0	136			48	331	14.80								9,P,*t	
AT03795	225.00	226.00	1.00	31	67	55	0.6	18			28	61	0.42								9,P,*t	1/4 smpl
AT03796	226.00	227.00	1.00	24	178	17	0.8	61			38	49	0.10								9,P,*t	
AT03797	227.00	228.00	1.00	26	144	45	1.1	50			34	26	0.05								9,P,*t	
AT03798	228.00	229.00	1.00	42	174	<2	0.7	45			34	28	0.20								9,P,*t	
AT03799	229.00	230.00	1.00	27	259	27	0.7	92			36	65	0.11								9,P,*t	
AT03800	230.00	231.00	1.00	27	146	55	0.7	58			38	57	0.64								9,P,*t	
AT03801	231.00	232.00	1.00	24	237	75	0.9	45			45	81	2.38								9,P,*t	
AT03802	232.00	233.00	1.00	152	2040	617	7.1	359			62	185	9.27								9,P,*t	
AT03803	233.00	233.60	0.60	106	13300	662	19.1	6240			50	258	16.50								9,P,*t	
AT03804	233.60	234.11	0.51	74	115	1056	59.0	233			58	312	32.50								9,P,*t	
AT03805	237.40	237.85	0.45	56	95	<2	1.6	70			82	70	0.74								9,P,*t	
AT03806	272.92	274.00	1.08	22	51	<2	0.1	13			23	32	0.04								9,P,*t	
AT03807	274.00	275.00	1.00	24	33	<2	0.1	1			22	<5	0.15								9,P,*t	clast
AT03808	275.00	276.00	1.00	15	32	<2	0.1	1			21	<5	0.10								9,P,*t	
AT03809	276.00	277.00	1.00	27	34	<2	0.1	1			20	<5	0.13								9,P,*t	
AT03810	277.00	278.00	1.00	19	34	<2	0.1	1			20	<5	0.15								9,P,*t	
AT03811	278.00	279.00	1.00	24	40	3	0.1	1			30	<5	0.14								9,P,*t	
AT03812	279.00	280.00	1.00	36	44	<2	0.1	5			39	<5	0.09								9,P,*t	
AT03813	280.00	281.00	1.00	6	34	<2	0.1	8			25	<5	0.07								9,P,*t	
AT03814	281.00	282.00	1.00	10	43	<2	0.1	46			25	<5	0.06								9,P,*t	
AT03815	282.00	283.00	1.00	41	5690	<2	0.4	1740			30	16	0.19								9,P,*t	
AT03816	283.00	284.00	1.00	32	55	<2	0.1	7			46	10	0.02								9,P,*t	
AT03817	284.00	285.00	1.00	15	41	<2	0.1	4			33	<5	0.02								9,P,*t	
AT03818	285.00	286.00	1.00	12	55	<2	0.1	14			31	<5	0.01								9,P,*t	
AT03819	286.00	287.00	1.00	4	27	<2	0.1	1			26	<5	0.05								9,P,*t	
AT03820	287.00	288.00	1.00	5	26	<2	0.1	2			26	<5	0.05								9,P,*t	
AT03821	288.00	289.00	1.00	11	33	<2	0.1	4			27	<5	0.04								9,P,*t	
AT03822	289.00	290.00	1.00	7	40	3	0.1	49			28	<5	0.09								9,P,*t	

Sample	From (M)	To (M)	Leg. (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
AR06805	90.00	93.00	3.00	64.94	17.33	1.87	1.34	1.15	3.66	3.64	0.55	0.18	0.06	0.03	4.28	99.03	10	100		<5	70	20		9,P,*t	8j\$	259
AR06806	111.00	114.00	3.00	63.91	16.65	4.25	1.44	4.55	1.04	4.06	0.54	0.18	0.09	0.03	3.70	100.44	8	106		10	95	25		9,P,*t	8j	169
AR06807	135.00	138.00	3.00	69.29	15.82	3.53	0.56	3.91	1.08	2.88	0.50	0.16	0.07	0.03	2.92	100.75	14	104		<5	85	20		9,P,*t	8j	186
AR06808	165.00	168.00	3.00	61.12	15.91	4.95	2.46	1.24	2.64	5.23	0.51	0.16	0.12	0.01	5.87	100.22	10	104		5	100	20		9,P,*t	8j	180
AR06809	187.70	190.70	3.00	60.54	17.30	2.49	2.69	1.39	4.16	6.28	0.55	0.18	0.10	0.05	4.07	99.80	16	128		15	40	25		9,P,*t	8j\$	215
AR06810	201.00	203.00	2.00	67.18	17.70	0.64	0.64	1.32	2.96	2.75	0.68	0.20	0.01	0.06	4.09	98.23	14	128		10	90	20		9,P,*t	8j\$	363
AR06811	228.00	231.00	3.00	66.38	16.56	2.26	1.94	7.23	0.66	3.39	0.43	0.16	0.04	0.10	1.69	100.84	6	78		5	130	35		9,P,*t	9JA	163
AR06812	282.00	284.30	2.30	67.50	16.05	2.47	1.49	5.52	1.22	2.49	0.30	0.14	0.03	0.06	2.14	99.41	6	76		10	75	15		9,P,*t	9JA	174
AR06813	288.00	289.00	1.00	67.53	16.24	2.31	1.39	6.42	0.76	2.70	0.29	0.16	0.03	0.13	1.86	99.82	6	76		10	45	15		9,P,*t	9JA	171

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	ND PPM	
AR06805	90.00	93.00	3.00						5		30700	70																		
AR06806	111.00	114.00	3.00						15		2200	70																		
AR06807	135.00	138.00	3.00						15		1700	80																		
AR06808	165.00	168.00	3.00						10		600	70																		
AR06809	187.70	190.70	3.00						20		24000	75																		
AR06810	201.00	203.00	2.00						10		28500	100																		
AR06811	228.00	231.00	3.00						20		1300	70																		
AR06812	282.00	284.30	2.30						10		300	45																		
AR06813	288.00	289.00	1.00						15		1300	75																		

GEOCHEMICAL ASSAYS

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	%CO ₂	CA/AL	NI/MGO	ISHIKU	ZN/NA ₂
AR06805	90.00	93.00	3.00														<1						11		0.47	0.11	15	62	61
AR06806	111.00	114.00	3.00														<1						11		0.46	0.26	17	22	21
AR06807	135.00	138.00	3.00														1						9		0.31	0.22	36	18	22
AR06808	165.00	168.00	3.00														<1						10		0.53	0.31	8	45	81
AR06809	187.70	190.70	3.00														<1						11		0.50	0.14	9	64	29
AR06810	201.00	203.00	2.00														<1						14		0.35	0.04	31	65	68
AR06811	228.00	231.00	3.00														<1						5		0.58	0.14	18	22	18
AR06812	282.00	284.30	2.30														<1						5		0.59	0.15	10	25	14
AR06813	288.00	289.00	1.00														<1						4		0.55	0.14	11	20	7

Sample	From (M)	To (M)	Length (M)	YB PPM	NB PPM	HG PPM
AR06805	90.00	93.00	3.00		<5	
AR06806	111.00	114.00	3.00		<5	
AR06807	135.00	138.00	3.00		<5	
AR06808	165.00	168.00	3.00		<5	
AR06809	187.70	190.70	3.00		<5	
AR06810	201.00	203.00	2.00		<5	
AR06811	228.00	231.00	3.00		<5	
AR06812	282.00	284.30	2.30		10	
AR06813	288.00	289.00	1.00		10	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 89.75	« 08 » Casing Overburden					
89.75 TO 179.30	«5,a,b,<ARG>» Sedimentary fine grained medium grained mudstone-argillite	Banded charcoal and light grey argillite. Trace graphitic component; most of core is non-conductive. Minor intervals of coarser grained material (sandstone to wacke) from 30 cm to 4 m thick. Qt and Cb veinlets/fractures are common; usually mm sized, cut core parallel or at an angle to bedding; 5-10 veinlets over 1 m core length. Bedding ranges from 43 to 55° to C.A. Last 10 m is composed mostly of coarser grained sandstone to wacke. Coarse grained, intermediate (diorite?) intrusive igneous rock from 173 to 175.15m. Conflicting tops indicators (graded bedding) may indicate isoclinal folding of sedimentary unit. {93.00-93.10} « S0 43° » Bedding bedding in argillite {111.25-111.35} « S0 55° » Bedding bedding in argillite {122.60-122.70} « S0 43° » Bedding bedding in argillite/wacke {138.85-138.95} « S0 54° » Bedding bedding in argillite {148.70-148.80} « S0 55° » Bedding bedding in argillite {159.16-159.26} « S0 53° » Bedding bedding in argillite {167.55-167.60} « S0 56° » Bedding bedding in laminated argillite/wacke 173.00-175.15 «8,c,<001>» Intermediate Intrusive Coarse grained, quartz diorite, highly carbonitized (sauseritized?). Intrusive contacts with sediments; unit is distinctive from 9,P,*t		Qt-Cb, Qt, and Cb veins and fractures cut core at all angles.	1% Cp in Qt vein 1 cm wide at 103.85 in wacke/sst unit. Py cubes to 3mm in size disseminated in trace amounts throughout interval. Py in trace amounts seen in Qt-Cb microfractures/veinlets.	Core recovery is generally good; ROD>80% for most of unit; some small intervals (<0.5 m) have ROD<10%.

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
179.30 TO 246.75	«9,P,*t» Felsic Intrusive Porphyritic sheared	Banded light to dark grey-green, variably sheared and well foliated, SeSiChEp altered feldspar porphyry. Sph +/- Cp-rich sections in Qt veins and in shear foliation at 232.70- 240 m (0.5-1% Sph). Bottom contact with diabase is highly sheared/banded with K-spar, Hem, and Ep alteration in veins and bands parallel to foliation. When visible (not sheared/deformed), feldspar phenocrysts are generally <3 mm in size are sub-to-euhedral, and white to pale salmon pink in colour. Carbonate vein from 218.50 to 219.10 m. Leucoxene-bearing icelandite sills are fine grained, moderately magnetic and are found at 197.80-199.74 and 226.90-228.40 m. Shear foliation averages 43° to C.A. 197.80-199.74 «7,a,m,G» Mafic Intrusive fine grained, massive, leucoxene bearing, icelandite sill. 226.90-228.40 «7,a,m,G» Mafic Intrusive fine grained, massive, leucoxene bearing, magnetic icelandite sill. {234.50-234.60} «{S2 42°}» Foliation shear foliation in 9,P,*t.SeChSi. {243.50-243.60} «{S2 44°}» Foliation shear foliation in 9,P,*t		Silicification dominates the alteration with minor amounts of patchy Se, Ch, Ep, Hem, and K-spar alteration. Pervasive weak carbonitization along with carbonate veinlets and fracture fillings throughout interval. 179.30-221.60 «SePM,ChPW,SiPM» moderate, pervasive, sericitization; weak, pervasive, chloritization; moderate, pervasive, silicification 221.60-246.75 «SiPM,SePS» moderate, pervasive, silicification; strong, pervasive, sericitization (excluding the icelandite sill). 242.00-246.75 «HeFW,EpFW,K>FW» weak, fracture/vein controlled, hematization; weak, fracture/vein controlled, epidotization; weak, fracture/vein controlled, potassic alteration (K-spar veinlets); approaching contact with diabase.	Blebbly Sph:Ep in Qt-Cb veinlets to 1% over 1 m from 232.50-246.75 m. {232.50-242.00} «SphC:1-0.5%» 0.1-0.5% disseminated/blebby sphalerite in 9,P,*t and Qt-Cb veinlets. 233.68-233.71 «CpF0.1-1.0%» 0.1-1.0% fracture/vein controlled chalcocopyrite within a Qt-Cb vein within 9,P,*t.	overall, good core recovery for unit (ROD>80%).
246.75 TO 266.92	«10,a,b,m» Diabase fine grained massive	Fine to medium grained, magnetic, massive, diabase dyke. Few Cb-Qt-Ep veins to 1 cm size cut core at high angles (>45°). Margins are fine grained (chilled) and centre of interval is coarser grained. Intrusive contacts: upper is irregular at about 60° to C.A. lower is approx 75° to C.A.				
266.92 TO 315.00	«9,P,*t» Felsic Intrusive Porphyritic Sheared	Banded grey and grey-green, mod to strongly foliated feldspar porphyry. Feldspar phenocrysts range in size from <1mm to 3mm, are subhedral and white to dark grey in colour. Silicification and sericitization dominate the alteration and impart a strong mineral foliation (due to shearing) to the core. Shear foliation ranges from 55° to C.A.		Silicification, sericitization and chloritization dominate alteration phases throughout unit. Weak carbonitization occurs as fracture fillings and veinlets in minor amounts. Small K-spar veinlets at top of unit; 1-2mm thick, orange-pink in colour, cut	Blebbly Sph is hosted within the more silicified and sericitized portions of the core from 267-282m (locally to 1% over 10 cm). Interval is weakly to moderately sulphidized with Py to 2% from 267-291m and trace to 2% Py-Po from 297 to 315m.	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
315.00 TO 315.00	«EOM» End-Of-Hole	<p>close to the upper contact with the diabase to 45° to C.A. at the bottom of the hole. Fine grained Py locally to 3-5% is disseminated throughout the interval from 266.92 to 292m after which Po +/- Py is the dominant sulphide assemblage for the remainder of the core. Sph is seen as blebby inclusions within Qt-Cb veinlets/fractures locally to 2% over 0.5m. Ep and K-spar alteration is closer to contact with the diabase. Weakly graphitic sedimentary clasts up to 30 cm wide occur near the bottom of the hole. Weakly graphitic sedimentary clast in porphyry from</p> <p>312.25-312.75 «S,a,*g,<ARG» Sedimentary fine grained, thinly laminated, mudstone-argillite, main shear foliation permeates the clast and contacts.</p>		<p>core at steep angle (45-85 degrees).</p> <p>{262.92-315.00} «SiPM,SePW» moderate, pervasive, silicification; weak, pervasive, sericitization</p> <p>{300.00-315.00} «ChPW» weak, pervasive, chloritization</p>	<p>{267.00-282.00} «SphD.1-0.5%,PyD.1-2.0%» 0.1-0.5% disseminated/blebby sphalerite; 0.1-2.0% disseminated/blebby pyrite usually parallel to shear foliation.</p> <p>{297.00-315.00} «PoD.1-2.0%,PyD.1-2.0%» 0.1-2.0% disseminated/blebby pyrrhotite; 0.1-2.0% disseminated/blebby pyrite parallel to shear foliation.</p>	<p>39 boxes of core; hole is capped and not making water.</p>

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn	Ni ppm	As ppm	S %	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments
AT03839	232.75	233.75	1.00	58	796	<2	0.2	163			54	<5	0.67	0.0	0.0	0.0	0.0	0.5	0.0	9,P,*t	
AT03840	233.75	234.75	1.00	59	1010	<2	0.3	45			52	<5	0.53	0.0	0.0	0.0	0.0	0.5	0.0	9,P,*t	
AT03841	234.75	235.75	1.00	70	513	<2	0.2	14			41	<5	0.34	0.0	0.0	0.0	0.0	0.3	0.0	9,P,*t	
AT03842	235.75	236.75	1.00	27	51	7	0.1	1			45	<5	0.24	0.0	0.0	0.0	0.0	0.2	0.0	9,P,*t	
AT03843	236.75	237.75	1.00	25	35	3	0.1	1			43	<5	0.46	0.0	0.0	0.0	0.0	0.2	0.0	9,P,*t	
AT03844	237.75	238.75	1.00	31	37	<2	0.1	1			44	<5	0.20	0.0	0.0	0.1	0.0	0.2	0.0	9,P,*t	
AT03845	238.75	239.75	1.00	16	49	<2	0.1	1			43	<5	0.11	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	
AT03846	239.75	240.75	1.00	35	45	<2	0.1	1			51	<5	0.19	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	
AT03847	240.75	241.75	1.00	11	44	<2	0.1	1			50	<5	0.10	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	
AT03848	267.00	268.00	1.00	136	611	<2	0.1	124			62	<5	0.35	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	
AT03849	268.00	269.00	1.00	81	327	<2	0.1	28			74	<5	0.81	0.0	0.0	0.0	0.0	6.0	0.0	9,P,*t	SiSeEp
AT03850	269.00	270.00	1.00	70	42	10	0.1	26			106	<5	1.67	0.0	0.0	2.0	0.0	0.5	0.0	9,P,*t	SiSe
AT03851	270.00	271.00	1.00	53	19	<2	0.1	1			59	<5	0.21	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSePyZn
AT03852	271.00	272.00	1.00	52	85	<2	0.1	1			40	<5	0.43	0.0	0.0	0.5	0.0	0.2	0.0	9,P,*t	SiChSe
AT03853	272.00	273.00	1.00	21	72	<2	0.1	1			49	<5	0.21	0.0	0.0	0.0	0.0	0.5	0.0	9,P,*t	Si
AT03854	273.00	274.00	1.00	45	60	<2	0.1	2			46	<5	0.19	0.0	0.0	0.0	0.0	0.5	0.0	9,P,*t	SiEpSeCh
AT03855	274.00	275.00	1.00	34	608	3	0.1	21			45	<5	0.29	0.0	0.0	0.1	0.0	0.1	0.0	9,P,*t	SeSi
AT03856	275.00	276.00	1.00	30	125	<2	0.1	25			61	<5	0.35	0.0	0.0	0.0	0.0	0.1	0.0	9,P,*t	ChEpSeSi
AT03857	276.00	277.00	1.00	46	91	3	0.2	18			50	<5	0.76	0.0	0.0	1.0	0.0	1.0	0.0	9,P,*t	SeEpSiCh
AT03858	277.00	278.00	1.00	45	53	10	0.3	9			59	<5	1.06	0.0	0.0	1.0	0.0	1.0	0.0	9,P,*t	SiChEpSe
AT03859	278.00	279.00	1.00	63	57	<2	0.2	19			61	<5	0.83	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	ChSeSi
AT03860	279.00	280.00	1.00	40	58	<2	0.1	3			41	<5	0.43	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SeSiCh
AT03861	280.00	281.00	1.00	15	36	<2	0.1	3			39	<5	0.61	0.0	0.0	0.0	0.0	0.5	0.0	9,P,*t	SiSeCh
AT03862	281.00	282.00	1.00	10	58	41	0.1	2			83	<5	<0.01	0.0	0.0	0.0	0.0	0.2	0.0	9,P,*t	ChSiSe
AT03863	282.00	283.00	1.00	134	27	3	0.1	2			49	<5	0.84	0.0	0.0	0.0	0.0	0.1	0.0	9,P,*t	ChSiSe
AT03864	283.00	284.50	1.50	84	28	<2	0.1	4			46	<5	1.29	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	ChSiSe
AT03865	284.50	286.00	1.50	49	16	<2	0.1	1			28	<5	1.19	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSeCh
AT03866	286.00	287.50	1.50	70	22	3	0.1	2			32	<5	1.92	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSe
AT03867	287.50	289.00	1.50	25	13	<2	0.1	1			27	<5	1.41	0.0	0.0	0.5	0.0	0.0	0.0	9,P,*t	SiSe
AT03868	289.00	290.50	1.50	48	29	<2	0.2	7			30	<5	1.39	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSe
AT03869	290.50	292.00	1.50	67	32	3	0.1	8			31	<5	1.62	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSe
AT03870	292.00	293.50	1.50	64	136	<2	0.1	24			39	<5	0.60	0.0	0.0	0.5	0.0	0.0	0.0	9,P,*t	SiSe
AT03871	293.50	295.00	1.50	52	61	<2	0.1	4			37	<5	0.59	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	Si
AT03872	295.00	296.50	1.50	60	60	<2	0.1	4			36	<5	0.88	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiCh
AT03873	296.50	298.00	1.50	43	29	3	0.1	2			25	<5	1.06	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiCh
AT03874	298.00	299.50	1.50	67	63	14	0.2	8			29	<5	1.16	0.0	0.3	0.5	0.0	0.0	0.0	9,P,*t	SiSe
AT03875	299.50	301.00	1.50	29	26	<2	0.2	4			28	<5	0.89	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSe
AT03876	301.00	302.50	1.50	72	320	<2	0.2	14			54	<5	1.68	0.0	0.2	1.0	0.0	0.0	0.0	9,P,*t	SiSe
AT03877	302.50	304.00	1.50	47	42	<2	0.1	5			42	<5	0.92	0.0	1.0	1.0	0.0	0.0	0.0	9,P,*t	ChSi
AT03878	304.00	305.00	1.00	32	96	<2	0.1	2			33	<5	1.40	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	
AT03879	305.00	306.00	1.00	58	29	<2	0.2	1			65	<5	1.52	0.0	0.0	0.5	0.0	0.0	0.0	9,P,*t	SiSe
AT03880	306.00	307.00	1.00	22	20	<2	0.1	3			32	<5	1.13	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSe
AT03881	307.00	308.00	1.00	37	16	3	0.1	2			31	<5	1.22	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSe
AT03882	308.00	309.00	1.00	24	16	<2	0.1	1			30	<5	1.06	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSe
AT03883	309.00	310.00	1.00	16	13	3	0.1	1			28	<5	0.64	0.0	0.5	0.5	0.0	0.0	0.0	9,P,*t	SiSe
AT03884	310.00	311.00	1.00	12	17	<2	0.1	4			26	<5	0.66	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSe
AT03885	311.00	312.00	1.00	15	10	<2	0.1	2			28	<5	1.69	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SeSi

Sample	From (M)	To (M)	Length (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn	Ni ppm	As ppm	S %	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments
AT03886	312.75	314.00	1.25	34	17	<2	0.1	2			26	<5	2.17	0.0	0.0	2.0	0.0	0.0	0.0	9,P,*t	
AT03887	314.00	315.00	1.00	24	16	<2	0.1	1			25	<5	1.98	0.0	0.0	1.0	0.0	0.0	0.0	9,P,*t	SeSi

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
AR06815	183.50	186.50	3.00	62.78	15.87	5.33	2.83	4.38	0.96	5.53	0.72	0.18	0.05	0.12	2.12	100.87	16	110		15	150	35		9,P,*t	8(j)	149
AR06816	192.00	195.00	3.00	61.76	17.13	5.54	2.88	4.54	0.94	4.94	0.76	0.20	0.04	0.11	2.24	101.08	14	120		15	95	45		9,P,*t	8j	155
AR06817	204.00	205.00	1.00	62.95	16.14	4.93	2.91	4.51	0.82	5.24	0.69	0.18	0.05	0.09	2.51	101.02	18	110		15	85	40		9,P,*t	8(j)	157
AR06818	210.00	213.00	3.00	60.08	15.88	6.48	2.65	4.33	1.24	4.59	0.70	0.18	0.06	0.06	4.28	100.53	16	112		10	85	35		9,P	8j	132
AR06819	222.00	225.00	3.00	59.75	15.86	6.59	2.05	2.63	2.00	4.06	0.61	0.18	0.05	0.04	6.64	100.46	14	122		35	105	30		9,P,*t	8j	141
AR06820	237.00	240.00	3.00	63.19	15.83	4.56	2.91	5.83	0.66	4.73	0.62	0.18	0.04	0.09	1.66	100.30	12	120		10	60	30		9,P,*t	8j	143
AR06821	270.00	273.00	3.00	66.66	15.65	1.70	1.74	3.07	2.54	3.11	0.56	0.18	0.03	0.05	2.36	97.65	14	108		30	55	35		9,P,*t	8j	214
AR06822	285.00	288.00	3.00	63.50	16.07	2.51	3.14	4.68	1.50	3.33	0.51	0.16	0.02	0.07	2.66	98.15	14	104		15	15	25		9,P,*t	8j\$	185
AR06823	300.00	303.00	3.00	62.11	15.66	2.27	5.74	2.87	1.40	4.25	0.59	0.16	0.02	0.07	4.21	99.35	14	108		30	20	30		9,P,*t	8j\$	239
AR06824	312.00	315.00	3.00	63.75	15.60	4.07	2.71	2.95	1.32	3.26	0.47	0.18	0.01	0.05	3.43	97.80	10	94		10	35	25		9,P,*t	9jA\$	187

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	B1 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		
AR06815	183.50	186.50	3.00						25		4200	135																			
AR06816	192.00	195.00	3.00						25		2900	170																			
AR06817	204.00	205.00	1.00						20		4000	140																			
AR06818	210.00	213.00	3.00						20		500	120																			
AR06819	222.00	225.00	3.00						15		500	95																			
AR06820	237.00	240.00	3.00						20		1800	100																			
AR06821	270.00	273.00	3.00						15		1100	95																			
AR06822	285.00	288.00	3.00						10		10900	90																			
AR06823	300.00	303.00	3.00						10		22900	115																			
AR06824	312.00	315.00	3.00						5		19400	95																			

GEOCHEMICAL ASSAYS

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	
AR06815	183.50	186.50	3.00																											
AR06816	192.00	195.00	3.00														<1						14		0.55	0.34	12	28	34	
AR06817	204.00	205.00	1.00														<1						15		0.58	0.32	16	27	21	
AR06818	210.00	213.00	3.00														1						13		0.57	0.31	14	28	19	
AR06819	222.00	225.00	3.00														<1						14		0.58	0.41	13	26	20	
AR06820	237.00	240.00	3.00														<1						11		0.55	0.42	15	31	40	
AR06821	270.00	273.00	3.00														<1						11		0.59	0.29	10	26	10	
AR06822	285.00	288.00	3.00														<1						11		0.57	0.11	20	47	18	
AR06823	300.00	303.00	3.00														<1						9		0.69	0.16	8	39	3	
AR06824	312.00	315.00	3.00														<1						12		0.77	0.14	5	58	7	
																	<1						9		0.67	0.26	9	36	12	

Sample	From (M)	To (M)	Leng. (M)	YB PPM	NB PPM	HG PPM
AR06815	183.50	186.50	3.00		<S	
AR06816	192.00	195.00	3.00		<S	
AR06817	204.00	205.00	1.00		<S	
AR06818	210.00	213.00	3.00		<S	
AR06819	222.00	225.00	3.00		<S	
AR06820	237.00	240.00	3.00		<S	
AR06821	270.00	273.00	3.00		<S	
AR06822	285.00	288.00	3.00		<S	
AR06823	300.00	303.00	3.00		<S	
AR06824	312.00	315.00	3.00		<S	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 72.00	«108» Casing Overburden					First three metres of core are probably boulders.
72.00 TO 321.65	«9,P,*t» Felsic Intrusive porphyritic sheared	Variably sheared and altered, dark to medium green to grey feldspar porphyry. When visible, phenocrysts are sub-to-euhedral, creamy white to pale pink-orange in colour, make up 40-45 % of the rock and lie within a very fine grained to aphanitic matrix which is green to grey in colour and composed of varying proportions of sericite and chlorite. Chloritization, sericitization and silicification dominate the alteration phases. Qt veins (<1mm to 1 cm) cut the core at all angles and make up 1-3% of the core by volume. Larger Qt-flooded zones up to 45 cm wide brecciate the porphyry and may contain visible sulphides (mainly Py). Pyrite is disseminated throughout the unit in trace amounts and occasionally increases locally to 10% in wispy concentrations which parallel the shear foliation. Thin units of leucoxene-bearing mafic intrusive (icelandite?) from 142.85-143.20 m; 157.70-158.00 m. Possible sedimentary unit (weakly to moderately conductive) from 155.0-157.40 m; likely weakly graphitic argillite; strongly sheared and foliated with diffuse contacts with porphyry. Shear foliation in porphyry ranges from 45-55 degrees to C.A. Trace amounts of Po + 0.5% Py in a Qt-Cb vein from 146.43-146.67 m. Weakly conductive, black, sheared/foliated sedimentary unit (clast?) from 189.0-189.80 m and 190.87-191.86 m. Pink (potassic) alteration in veinlets/fractures and in matrix of porphyry from 210-213 m (trace to 1%). Thin chloritic dykes (7,a,m,G?) from 272.80-273.22m; 275.51-275.68 m; 275.84-275.93 m. Fresh feldspar porphyry at bottom of core from 303.92 m to EOH; could be unstrained/unaltered version of above porphyry or a separate intrusive. Contact is gradational. Fresh looking, white to pale pink, euhedral feldspar crystals up to 1 cm in size sit in a grey aphanitic to very fine grained matrix. Phenos make up 20-30% of the rock. Matrix is very hard (silicified).		<p>Pervasive Ch alteration dominates the top of the unit from 72-112.0 m after which Se is main alteration (+/-Si). Qt veined zones from 132-134 m; 137.20-138.0 m; 140-142.75 m; 146-147.0 m. Epidote alteration of the matrix begins at 268.70m; k-spar veinlets and Hem staining too. Rare bright green, micaceous mineral seen paralleling shear foliation (fuchsite?).</p> <p>{72.00-112.00}«ChPS» strong, pervasive, chloritization of feldspar porphyry.</p> <p>{112.00-150.00}«SePM» moderate, pervasive, sericitization</p> <p>123.41-125.18 «ChPS» strong, pervasive, chloritization giving rock a dark grey colour.</p> <p>{126.00-155.00}«SiPM,SiFM» moderate, pervasive, silicification; moderate, fracture/vein controlled, silicification; Qt flooded zones with minor sulphides (Py).</p> <p>{243.00-271.00}«CbPW,SiPW,SeSS» weak, pervasive, carbonatization; weak, pervasive, silicification; strong, spotty, sericitization</p> <p>{268.70-306.00}«EpsM,K>FW,HeSU» moderate, spotty, epidotization; weak, fracture/vein controlled, potassic alteration; weak, spotty, hematization</p>	<p>Trace amounts of Py disseminated throughout interval. Wispy Py locally to 7% over one metre intervals from 110-120 m.</p> <p>{109.00-120.00}«PyC1.0-7.0%» 1.0-7.0% disseminated/blebby pyrite usually parallel to shear foliation.</p>	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		{75.10-75.20}={S2 45°}» Foliation shear foliation in 9,P,*t				
		{84.30-84.40}={S2 45°}» Foliation shear foliation in 9,P,*t				
		{101.30-101.40}={S2 50°}» Foliation shear foliation in 9,P,*t				
		{114.90-115.00}={S2 51°}» Foliation shear foliation in pyrite-rich 9,P,*t,Se,Si				
		{138.05-138.15}={S2 42°}» Foliation shear foliation in 9,P,*t,SeSi				
		{142.85-143.20}={7,a,m,G}» Mafic Intrusive fine grained, massive, leucoxene bearing, mafic intrusive (icelandite?).				
		{149.00-149.10}={S2 38°}» Foliation shear foliation in 9,P,*t				
		{160.30-160.40}={S2 54°}» Foliation shear foliation in 9,P,*t				
		{166.30-166.68}={7,a,m,G}» Mafic Intrusive fine grained, massive, leucoxene bearing mafic intrusive (icelandite?).				
		{167.79-168.52}={7,a,m,G}» Mafic Intrusive fine grained, massive, leucoxene bearing mafic intrusive (icelandite?).				
		{171.50-172.84}={7,a,m,G}» Mafic Intrusive fine grained, massive, leucoxene bearing mafic intrusive (icelandite?).				
		{243.45-243.55}={S2 55°}» Foliation shear foliation in 9,P,*t				
		{269.05-269.15}={S2 39°}» Foliation shear foliation in 9,P,*t				

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
321.65 TO 321.65	«EOM» End-Of-Hole	<p>{292.35-292.45} «{S2 46°}» Foliation shear foliation in 9,P,*t</p> <p>{303.92-321.65} «9,P» Felsic Intrusive porphyritic, felsic intrusive; unaltered and unstrained version of above unit. Upper contact is gradational with sheared porphyry.</p>				44 boxes of core; hole is capped and not making water.

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn	Ni ppm	As ppm	S %	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments
AT03938	154.50	155.70	1.20	35	23	<2	0.1	1			24	<5	1.73	0.0	0.0	0.1	0.0	0.0	0.0	9,P,*t	SiChSe
AT03939	166.68	167.79	1.11	11	29	3	0.1	1			22	<5	0.95	0.0	0.0	1.0	0.0	0.0	0.0	9,P,*t	SiSe(Ch)
AT03940	168.62	170.00	1.38	9	27	7	0.1	1			21	<5	1.11	0.0	0.0	2.0	0.0	0.0	0.0	9,P,*t	SiSe
AT03941	170.00	171.50	1.50	6	100	14	0.1	11			20	<5	1.66	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSe
AT03942	172.84	174.00	1.16	4	28	14	0.1	2			21	<5	2.63	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SeSi
AT03943	174.00	175.50	1.50	13	16	7	0.1	1			20	<5	3.75	0.0	0.0	3.0	0.0	0.0	0.0	9,P,*t	SeSi
AT03944	175.50	177.00	1.50	16	34	7	0.1	1			20	<5	3.71	0.0	0.0	2.0	0.0	0.0	0.0	9,P,*t	Se
AT03945	177.00	178.50	1.50	135	171	7	0.2	48			30	<5	1.19	0.0	0.0	1.0	0.0	0.0	0.0	9,P,*t	Ch
AT03946	186.00	187.50	1.50	17	81	21	0.1	13			29	<5	0.19	0.0	0.0	0.0	0.0	0.0	0.0	9,P	Qt vn
AT03947	200.50	200.50	0.00	18	50	<2	0.1	2			36	<5	0.25	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	Ch Qt vn
AT03948	240.00	241.50	1.50	27	61	<2	0.1	1			24	<5	0.07	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	ChSi
AT03949	249.50	251.00	1.50	31	202	10	0.1	2			19	<5	0.35	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiChSe
AT03950	251.00	252.50	1.50	32	143	31	0.1	1			14	15	0.36	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiChSe
AT04151	258.50	259.50	1.00	13	37	7	0.1	1			31	<5	0.02	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSe
AT04152	259.50	261.00	1.50	23	51	14	0.1	1			33	<5	0.27	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSe
AT04153	267.00	268.50	1.50	10	33	75	0.1	1			21	<5	0.30	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSe
AT04154	285.00	286.50	1.50	21	65	<2	0.1	1			20	<5	0.01	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	SiSeEp
AT04155	286.50	288.00	1.50	27	74	3	0.1	1			26	<5	0.01	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	
AT04156	291.00	292.50	1.50	82	60	<2	0.1	1			23	<5	0.14	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	
AT04157	292.50	294.00	1.50	31	71	21	0.1	4			24	<5	0.38	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	
AT04158	294.00	295.50	1.50	18	69	<2	0.5	4			24	<5	0.22	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	
AT04159	295.50	297.00	1.50	33	70	168	0.3	1			24	<5	0.43	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	
AT04160	297.00	298.50	1.50	34	55	34	0.1	1			22	<5	0.30	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	
AT04161	298.50	300.00	1.50	49	51	103	0.3	1			19	<5	0.50	0.0	0.0	0.0	0.0	0.0	0.0	9,P,*t	

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
AR06826	75.00	78.00	3.00	62.10	16.31	4.85	2.79	4.48	1.24	4.70	0.60	0.18	0.05	0.05	2.91	100.26	14	114		20	90	60		9,P,*t	8j	154
AR06827	99.00	102.00	3.00	62.58	16.74	5.13	2.91	5.09	0.90	4.70	0.63	0.20	0.05	0.06	1.83	100.82	12	116		20	70	55		9,P,*t	8j	151
AR06828	129.00	132.00	3.00	65.79	16.58	3.51	3.35	6.22	0.38	2.35	0.50	0.18	0.02	0.09	1.85	100.82	10	102		55	20	25		9,P,*t	8j	164
AR06829	159.00	161.00	2.00	64.94	15.63	3.54	3.76	2.95	0.86	4.67	0.59	0.16	0.04	0.05	3.17	100.36	12	94		25	125	30		9,P,*t	8j\$	213
AR06830	192.00	195.00	3.00	64.09	15.10	4.61	3.46	2.55	1.02	5.11	0.50	0.16	0.13	0.06	3.01	99.80	12	86		10	145	25		9,P,*t	8j\$	185
AR06831	222.00	225.00	3.00	58.07	16.70	6.41	3.12	5.09	0.74	6.82	0.73	0.18	0.16	0.08	1.73	99.83	18	102		30	60	20		9,P,*t	8(j)	136
AR06832	255.00	258.00	3.00	65.36	14.43	6.84	0.79	2.28	2.68	3.93	0.44	0.14	0.11	0.16	3.98	101.14	8	72		15	40	10		9,P,*t	9jA	122
AR06833	288.00	291.00	3.00	57.74	16.95	8.22	1.49	4.15	1.40	6.29	0.71	0.18	0.13	0.04	3.70	101.00	14	92		25	70	10		9,P,*t	8(j)	123
AR06834	315.00	318.00	3.00	67.20	16.06	3.11	1.50	6.79	0.89	3.07	0.43	0.16	0.05	0.06	1.54	100.77	4	70		5	55	25		9,P	9jA	150

Sample	From (M)	To (M)	Leg. (M)	RB PPM	SR PPM	CO2 %	AG PPM	AU PPB	CO PPM	PB PPM	S PPM	V PPM	AS PPM	SW 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		
AR06826	75.00	78.00	3.00						20		2500	85																			
AR06827	99.00	102.00	3.00						15		1200	105																			
AR06828	129.00	132.00	3.00						20		4200	65																			
AR06829	159.00	161.00	2.00						15		9700	70																			
AR06830	192.00	195.00	3.00						15		6400	70																			
AR06831	222.00	225.00	3.00						20		1900	95																			
AR06832	255.00	258.00	3.00						25		<100	60																			
AR06833	288.00	291.00	3.00						15		4000	100																			
AR06834	315.00	318.00	3.00						10		1000	65																			

GEOCHEMICAL ASSAYS

Sample	From (M)	To (M)	Length (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
AR06826	75.00	78.00	3.00														<1						11		0.59	0.30	22	30	20
AR06827	99.00	102.00	3.00														<1						12		0.60	0.31	19	27	14
AR06828	129.00	132.00	3.00														<1						10		0.78	0.21	7	28	3
AR06829	159.00	161.00	2.00														<1						10		0.66	0.23	8	42	42
AR06830	192.00	195.00	3.00														<1						10		0.62	0.31	7	38	57
AR06831	222.00	225.00	3.00														<1						16		0.52	0.38	6	25	12
AR06832	255.00	258.00	3.00														<1						9		0.32	0.47	13	28	18
AR06833	288.00	291.00	3.00														<1						15		0.36	0.48	7	19	17
AR06834	315.00	318.00	3.00														<1						5		0.54	0.19	17	19	8

Sample	From (M)	To (M)	Leng. (M)	TB PPM	NB PPM	HG PPM
AR06826	75.00	78.00	3.00		<5	
AR06827	99.00	102.00	3.00		<5	
AR06828	129.00	132.00	3.00		<5	
AR06829	159.00	161.00	2.00		<5	
AR06830	192.00	195.00	3.00		<5	
AR06831	222.00	225.00	3.00		<5	
AR06832	255.00	258.00	3.00		<5	
AR06833	288.00	291.00	3.00		<5	
AR06834	315.00	318.00	3.00		<5	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 46.40	«{08}» Casing Overburden					
46.40 TO 351.00	«2,a,p,*t» Mafic Volcanic fine grained medium grained pillowed sheared	<p>Very fine to fine grained, green to grey-green, massive to finely laminated (sheared) mafic volcanic. The finely laminated sections (5-30 cm wide) are composed of very fine grained chlorite and epidote +/- Cb and may represent sheared pillow selvages. Leopard-spotted texture in intervals of 5-25 cm wide consist of chloritized (soft and dark green) rounded blebs wch may have been amygduals, phenos, variolites,....? sit in an off-white to creamy beige matrix which is considerably harder than the blebs. Qt-Cb, Qt, and Cb veinlets and fracture fillings cut the core at all angles and locally make up 10-20 volume % of the rock. Core angles (shear foliation?) are very shallow ranging from 0 to 15° to C.A. -massive mafic volcanic (flow) from 94 - 111.80 m which contains rounded to sub angular pale to dark greenblebs which may have been phenocrysts (varioles?). Small chlorite-rich mafic body (dyke, lamprophere?) from 139.39-140.0 m. Chlorite-filled (biotite too?) microfractures throughout unit reaching 2-3% by volume. Core angles (shearing) change from shallow to steep and back to shallow again indicating folding at 276-279 m; 296-303 m. Fold nose at 297.50 m. Core gets coarser grained at the bottom of unit with 0.5 cm long laths of white feldspar (?) making up 40 % of the rock sitting in a weakly silicified green to grey matrix (albitized?).</p> <p>{48.40-48.50}«{S2 10°}» foliation finely laminated shear foliation (sheared pillow selvages?).</p> <p>94.25-111.80 «2,a,m,l» Mafic Volcanic fine grained, flows, massive, containing 0.5 cm to 1 cm sized rounded to subangular phenocrysts (amygduals? spherulites?).</p> <p>{106.65-106.75}«{S2 7°}» foliation shear foliation</p>		<p>Chlorite (weak to moderate and pervasive) is the main alteration phase throughout unit. Very fine grained to medium grained Ep is restricted to the more sheared zones. Qt-Cb, Qt, and Cb (calcite) veinlets and fracture fillings are abundant. Fe-Cb as blebs in veinlets and as fine disseminations @ 320.50-321.0 m. Silicified zone from 323.25 m to EOH. Rock is coarser grained and contains elongate prismatic laths of white and very soft (altered) feldspar.</p> <p>{46.40-351.00}«ChPW» weak, pervasive, chloritization throughout unit.</p> <p>{323.25-351.00}«SiPW» weak, pervasive, silicification at bottom of unit.</p>	Trace to 0.5% Py finely disseminated throughout unit.	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		<p>{126.00-126.20}={S2 11°}» Foliation shear foliation in mafic volcanic.</p> <p>139.39-140.00 «7,a,b,m» Mafic Intrusive fine grained, medium grained, massive, mafic intrusive; possibly ultramafic or even altered lamprophere. Dark green to black and very soft; composed of chlorite and altered with carbonate (strong and pervasive).</p> <p>{159.20-159.30}={S2 10°}» Foliation shear foliation in mafics.</p> <p>{168.25-168.35}={S2 10°}» Foliation shear foliation (pillow selvages?).</p> <p>{194.50-194.60}={S2 6°}» Foliation shear foliation (pillow selvage?).</p> <p>{275.50-275.66}={S2 17°}» Foliation shear foliation in mafics increasing</p> <p>{277.00-277.10}={S2 20°}» Foliation increase in shear foliation</p> <p>{278.50-278.60}={S2 26°:shear}» Foliation shear foliation</p> <p>{280.50-280.60}={S2 8°}» Foliation shear foliation</p> <p>{295.00-295.10}={S2 20°}» Foliation shear foliation</p> <p>{297.50-297.60}={PLSS 90°}» Fold fold nose 90° to C.A.; asymmetrical fold.</p> <p>{297.60-297.70}={S2 46°}» foliation shear foliation</p> <p>{299.95-300.05}={S2 33°}» Foliation shear foliation</p> <p>{305.00-305.10}={S2 10°}» Foliation</p>				

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
351.00 TO 351.00	«EOH» End-Of-hole	shear foliation {344.00-344.10} «S2 10°» Foliation shear foliation {350.20-351.21} «FAI» Fault fault gouge over 1 cm.				53 boxes of core; Nw casing left in hole; hole not making water.

ASSAYS SHEET

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn	Ni ppm	As ppm	S %	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments	
AT04203	60.00	61.50	1.50	77	80	<2	0.1	33			88		0.49									
AT04204	61.50	63.00	1.50	162	81	<2	0.1	1			86		0.51	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2,a,*t	Ch,Qt-Cb v
AT04205	63.00	64.50	1.50	70	84	27	0.1	2			85		0.45	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2,a,*t	Ch
AT04206	64.50	66.00	1.50	81	121	<2	0.1	1			110		0.54	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2,a,*t	Ch,Qt-Cb v
AT04207	66.00	67.50	1.50	67	90	3	0.1	1			87		0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	Ch
AT04208	67.50	69.00	1.50	78	91	<2	0.1	4			81		0.97	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2,a,*t	ChEp
AT04209	108.00	109.50	1.50	77	111	<2	0.1	6			100		0.39	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2,a,*t	Ch,Qt vn
AT04210	109.50	111.00	1.50	56	97	3	0.1	2			94		0.53	0.0	0.0	0.5	0.0	0.0	0.0	0.0	2,a,m,l	Ch
AT04211	111.00	112.50	1.50	70	99	<2	0.1	6			86		0.47	0.0	0.0	0.5	0.0	0.0	0.0	0.0	2,a,m,l	Ch
AT04212	112.50	114.00	1.50	67	100	7	0.1	2			89		0.61	0.0	0.0	0.3	0.0	0.0	0.0	0.0	2,a,m,l	Ch
AT04213	132.00	133.50	1.50	64	84	<2	0.1	2			87		0.68	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2,a,m,l	Ch
AT04214	133.50	135.00	1.50	70	95	<2	0.1	4			86		0.96	0.0	0.0	0.2	0.0	0.0	0.0	0.0	2,a,p,*t	ChSi
AT04215	167.50	169.00	1.50	63	91	<2	0.1	12			77		0.93	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2,a,p,*t	Si(Ch)
AT04221	290.25	291.00	0.75	103	95	<2	0.1	1			75		0.71	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2,a,p,*t	Ch
AT04222	294.30	294.80	0.50	95	123	3	0.1	1			85		0.39	0.0	0.0	0.5	0.0	0.0	0.0	0.0	2,a,p,*t	Ch(Si) Qtv
AT04217	318.00	319.00	1.00	7	109	7	0.1	1			83		0.14	0.0	0.0	0.5	0.0	0.0	0.0	0.0	2,a,p,*t	Ch Qt vn
AT04218	319.00	320.00	1.00	59	104	10	0.1	8			91		0.41	0.0	0.0	0.2	0.0	0.0	0.0	0.0	2,a,p,*t	ChSi
AT04219	320.00	321.00	1.00	30	86	<2	0.1	2			76		0.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,a,p,*t	Ch
AT04220	321.00	322.00	1.00	108	90	<2	0.1	10			78		0.42	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2,a,p,*t	ChSiFe-Cb
														0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,a,p,*t	Ch(Si)

GEOCHEMICAL ASSAY

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
AR06848	51.00	54.00	3.00	62.99	17.44	2.84	2.79	2.45	2.16	6.22	0.82	0.14	0.08	0.05	2.88	100.86	14	130		70	85	70		2,a,*t	3j	234
AR06849	84.00	87.00	3.00	56.46	17.57	5.08	4.38	3.21	0.92	7.94	0.91	0.16	0.13	0.05	3.78	100.59	14	102		90	120	100		2,a,*t	3j\$	191
AR06850	120.00	123.00	3.00	57.43	17.83	3.74	4.52	3.25	1.40	7.62	0.94	0.16	0.12	0.05	3.36	100.42	14	108		45	95	85		2,a,p,*t	3j	213
AT04101	150.00	153.00	3.00	64.74	15.03	1.72	3.11	4.03	1.34	5.05	0.63	0.12	0.06	0.05	2.37	98.25	12	118		33	115	65		2,a,p,*t	3j	212
AT04102	195.00	198.00	3.00	58.60	18.64	3.19	3.31	3.71	1.96	7.01	0.91	0.14	0.10	0.05	3.08	100.70	12	112		60	105	85		2,a,p,*t	3j\$	210
AT04103	222.00	225.00	3.00	59.07	19.28	2.84	2.99	2.78	2.78	6.64	0.90	0.14	0.09	0.04	3.29	100.84	12	118		50	75	90		2,a,p,*t	3j\$	230
AT04104	255.00	258.00	3.00	58.35	19.38	0.68	4.06	1.56	3.76	7.70	0.91	0.14	0.09	0.05	3.89	100.57	14	110		35	95	95		2,a,p,*t	3j	323
AT04105	288.00	291.00	3.00	57.65	20.45	0.75	3.49	4.62	2.56	6.41	0.91	0.16	0.07	0.04	3.14	100.25	12	138		190	115	95		2,b,p,*t	3j	258
AT04106	318.00	321.00	3.00	57.67	20.44	0.78	3.54	7.30	1.58	5.30	0.86	0.16	0.07	0.03	2.58	100.31	18	160		10	95	95		2,a,p,*t	3i	212
AT04107	348.00	351.00	3.00	64.85	17.06	0.74	3.33	4.34	1.66	5.04	0.72	0.12	0.06	0.04	2.54	100.50	8	124		70	95	75		2,a,p,*t	3j	253

GEOCHEMICAL ASSAYS

Sample	From (M)	To (M)	Length (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	
AR06848	51.00	54.00	3.00						20		2100	170																		
AR06849	84.00	87.00	3.00						30		6600	255																		
AR06850	120.00	123.00	3.00						25		4900	210																		
AT04101	150.00	153.00	3.00						15		4800	95																		
AT04102	195.00	198.00	3.00						25		5300	195																		
AT04103	222.00	225.00	3.00						30		5200	205																		
AT04104	255.00	258.00	3.00						30		4700	220																		
AT04105	288.00	291.00	3.00						30		4100	185																		
AT04106	318.00	321.00	3.00						20		4900	135																		
AT04107	348.00	351.00	3.00						20		1400	130																		

GEOCHEMICAL ASSAYS

GEOCHEMICAL ASSAYS

Sample	From (M)	To (M)	Leng. (M)	SM PPM	EJ PPM	GD PPM	DY PPM	ER PPM	LU PPM	OS PPM	IR PPM	RU PPM	RH PPM	PT PPM	PD PPM	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
AR06848	51.00	54.00	3.00														<1						21		0.52	0.16	25	48	35
AR06849	84.00	87.00	3.00														<1						28		0.57	0.29	23	39	37
AR06850	120.00	123.00	3.00														<1						28		0.59	0.21	19	46	29
AT04101	150.00	153.00	3.00														<1						12		0.59	0.11	21	44	29
AT04102	195.00	198.00	3.00														<1						26		0.53	0.17	26	43	28
AT04103	222.00	225.00	3.00														<1						26		0.52	0.15	30	51	27
AT04104	255.00	258.00	3.00														<1						27		0.56	0.04	23	78	61
AT04105	288.00	291.00	3.00														1						24		0.56	0.04	27	53	25
AT04106	318.00	321.00	3.00														1						21		0.61	0.04	27	39	13
AT04107	348.00	351.00	3.00														<1						16		0.61	0.04	23	50	22

Sample	From (M)	To (M)	Leng. (M)	YB PPH	NB PPH	HG PPH
AR06848	51.00	54.00	3.00		10	
AR06849	84.00	87.00	3.00		<5	
AR06850	120.00	123.00	3.00		15	
AT04101	150.00	153.00	3.00		10	
AT04102	195.00	198.00	3.00		10	
AT04103	222.00	225.00	3.00		<5	
AT04104	255.00	258.00	3.00		15	
AT04105	288.00	291.00	3.00		10	
AT04106	318.00	321.00	3.00		<5	
AT04107	348.00	351.00	3.00		<5	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 30.00	«208» Casing Overburden					First metre of core consists of NO-sized material from reaming the casing.
30.00 TO 345.00	«2,a,p,*» Mafic Volcanic fine grained pillowed? sheared	Medium grey-green, fine grained, and sheared mafic volcanic. Fine laminations sub-parallel to C.A. may be pillow selvages-difficult to determine. Frequent decimetre-scale intervals have a leopard-spotted appearance; 1-5 mm dark green blebs (could be varioles, porphyroblasts...? chloritic) sit in a pale green to creamy white matrix. Green blebs are softer than surrounding matrix. Texture may be alteration related? Due to amount of shearing, it is doubtful that leopard texture is of primary igneous origin. Trace amount of Cp on fracture plane @ 32.50 m. Very fine grained Py disseminated throughout most of unit to 0.5%. Core angles are very shallow; from 0 to 15° to C.A. (drilling down-dip) Chlorite is dominant alteration (weak, pervasive); minor intervals of pervasive silicification with increased Py concentrations. Fault gouge @ 106.20 m. Missing 50 cm from 185.50 m to 186.0 m (C.M.R.) Abrupt change in core angle between 325 and 329 m; from 15 to 43° to C.A. Very poor core recovery from 330 m to ECH (R00<10%).		Chlorite alteration dominates throughout interval (weak to moderate and pervasive); small zones of weak pervasive silicification (with a slight increase in Py concentration). Qt-Ep-Ch-Cb vein-rich section from 124.50-138.30 m; veins are parallel to shear foliation; veins approximately 10° to C.A. Thin (5-10 mm) and dark Qt-Ch veinlet @130.5 m cuts shear foliation 25° to C.A.; Qt-Ch-Cb vein 3 cm thick cut core at 90° to C.A. @ 141.80 m. {83.20-93.40}«SiPw» weak, pervasive, silicification {124.50-138.30}«SiFM, EpFW, CbFW» moderate, fracture/vein controlled, silicification; weak, fracture/vein controlled, epidotization; weak, fracture/vein controlled, carbonatization all within same veins and parallel to shear foliation. 141.80-141.83 «ChFS» strong, fracture/vein controlled, chloritization. Black Ch:Qt:Cb vein cuts core at right angle to C.A. Qt rims the vein while the core is composed of black (dark green) Ch. {171.60-203.70}«SiPM, ChPW» moderate, pervasive, silicification; weak, pervasive, chloritization; this zone contains fracture controlled Cp+Py mineralization to 0.5%. 242.80-264.25 «SiPW» weak, pervasive, silicification	Trace to locally 1% Py disseminated throughout unit as fine disseminations and coarser cubic Py crystals along fracture planes. Fracture controlled Cp to 0.5% from 184-198 m. {184.00-198.00}«Cp0.1-1.0%, Py00.1-1.0%» 0.1-1.0% fracture/vein controlled chalcopyrite; 0.1-1.0% disseminated/blebby pyrite (fracture controlled too).	Poor core recovery (R00<10%) from 210-216 m; 1.5 m missing between 261-264 m; very poor from approximately 320 m to ECH.
		{106.20-106.25}«FA1» Fault Fault gouge over 5 cm; broken core for next 1 metre.				
		{127.40-127.60}«S2 10°» Foliation Shear foliation in mafics; Qt-Ep-/Cb veins parallel to shearing.				
		{186.28-186.45}«FA1» Fault Fault gouge				
		{219.00-219.20}«S2 10°» Foliation Shear (?) foliation in weakly Ch-altered mafic volcanic.				
		{277.45-277.55}«S2 9°» Foliation shear foliation (?) in mafic volcanic (pillow selvage?).				

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		{297.30-297.40}={S2 15°}» Foliation Shear foliation in mafic volcanic.				
		{297.40-297.50}={S2 15°}» Foliation shear foliation in mafic volcanic.				
		{320.15-320.25}={S2 15°}» Foliation shear foliation (?) in mafic volcanics.				
		{325.75-325.85}={S2 18°}» Foliation shear foliation				
		{328.20-328.30}={S2 27°}» Foliation shear foliation				
		{329.00-320.10}={S2 43°}» Foliation shear foliation.				
		{331.15-332.75}={FAI}» Fault broken core and fault gouge.				
345.00 TO 345.00	«EOH» End-of-Hole					56 boxes of core; last 20 m very poor core recovery (ROD 0-10%). Hole is capped and not making water.

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn	Ni ppm	As ppm	S %	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments
AT04163	35.00	36.00	1.00	133	141	10	0.1	1			101		0.61	0.0	0.0	0.5	0.0	0.0	0.0	2,a,*t	Ch
AT04164	39.00	40.50	1.50	198	115	3	0.1	1			91		0.44	0.0	0.0	1.0	0.1	0.0	0.0	2,a,*t	Ch
AT04165	59.00	60.50	1.50	72	117	<2	0.1	1			97		0.44	0.0	0.0	2.0	0.0	0.0	0.0	2,a,*t	Ch
AT04166	83.00	84.50	1.50	45	130	<2	0.1	1			85		0.32	0.0	0.0	0.3	0.0	0.0	0.0	2,a,*t	weak si
AT04167	84.50	86.00	1.50	49	93	<2	0.1	1			76		0.14	0.0	0.0	0.5	0.0	0.0	0.0	2,a,*t	Si
AT04168	86.00	87.50	1.50	59	97	<2	0.1	1			76		0.28	0.0	0.0	0.5	0.0	0.0	0.0	2,a,*t	Si
AT04169	87.50	89.00	1.50	17	159	<2	0.1	1			102		0.29	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	Ch
AT04170	89.00	90.50	1.50	8	197	<2	0.1	1			116		0.31	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	Ch
AT04171	90.50	92.00	1.50	33	163	3	0.1	1			110		0.52	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	Si
AT04172	92.00	93.50	1.50	17	134	3	0.1	1			92		0.48	0.0	0.0	0.1	0.0	0.0	0.0	2,a,*t	Si
AT04173	124.50	126.00	1.50	96	114	<2	0.2	3			88		0.79	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	Si
AT04174	126.00	127.50	1.50	92	126	31	0.1	1			98		0.94	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	SiEpCb
AT04175	127.50	129.00	1.50	82	114	7	0.1	1			91		0.61	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	SiEpCb
AT04176	129.00	130.50	1.50	42	119	<2	0.1	1			95		1.15	0.0	0.0	0.5	0.0	0.0	0.0	2,a,*t	SiEpCbCh
AT04177	130.50	132.00	1.50	44	94	<2	0.1	1			81		0.88	0.0	0.0	3.0	0.0	0.0	0.0	2,a,*t	ChSi
AT04178	132.00	133.50	1.50	66	122	<2	0.1	1			88		0.48	0.0	0.0	1.0	0.0	0.0	0.0	2,a,*t	ChSi
AT04179	133.50	135.00	1.50	59	121	<2	0.1	1			84		0.24	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	ChSiEp
AT04180	135.00	136.50	1.50	55	118	<2	0.1	1			106		0.87	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	Ch
AT04181	136.50	138.00	1.50	66	105	<2	0.1	2			87		0.54	0.0	0.0	3.0	0.0	0.0	0.0	2,a,*t	SiEpCb
AT04182	138.00	139.50	1.50	79	120	<2	0.1	2			88		0.23	0.0	0.0	0.1	0.0	0.0	0.0	2,a,*t	SiEpCh
AT04183	165.30	166.30	1.00	130	222	24	0.2	4			93		0.81	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	SiEpCb
AT04184	184.00	185.00	1.00	4920	114	72	0.8	8			98		0.93	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	Qt-Ep-Cb v
AT04185	186.00	187.50	1.50	600	114	14	0.2	4			103		0.20	0.0	0.0	0.5	1.5	0.0	0.0	2,a,*t	Si
AT04186	187.50	189.00	1.50	783	120	10	0.2	8			107		0.20	0.0	0.0	0.2	0.1	0.0	0.0	2,a,*t	Si
AT04187	189.00	190.00	1.00	579	149	<2	0.2	144			104		0.10	0.0	0.0	0.1	0.1	0.0	0.0	2,a,*t	Si
AT04188	190.00	191.00	1.00	1300	136	<2	0.6	213			85		0.25	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	Si
AT04189	191.00	192.00	1.00	1060	122	<2	0.5	174			88		0.23	0.0	0.0	0.0	0.5	0.0	0.0	2,a,*t	Si
AT04190	192.00	193.00	1.00	828	161	<2	0.4	248			89		0.22	0.0	0.0	0.1	0.3	0.0	0.0	2,a,*t	Si
AT04191	193.00	194.00	1.00	280	104	<2	0.4	35			77		0.20	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	Si
AT04192	194.00	195.00	1.00	970	107	<2	0.4	11			89		0.19	0.0	0.0	0.0	0.1	0.0	0.0	2,a,*t	Si
AT04193	195.00	196.50	1.50	292	112	7	0.2	55			88		0.10	0.0	0.0	0.1	0.1	0.0	0.0	2,a,*t	Si
AT04194	196.50	198.00	1.50	379	108	10	0.2	89			75		0.15	0.0	0.0	0.1	0.1	0.0	0.0	2,a,*t	Si
AT04195	198.00	199.50	1.50	300	85	17	0.1	7			63		0.06	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	Si
AT04196	199.50	201.00	1.50	86	183	14	0.2	111			83		0.26	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	Si
AT04197	201.00	202.50	1.50	200	124	<2	0.2	39			82		0.27	0.0	0.0	0.0	0.0	0.0	0.0	2,a,*t	Si
AT04198	202.50	204.00	1.50	91	98	<2	0.1	9			80		0.14	0.0	0.0	0.1	0.1	0.0	0.0	2,a,*t	Si
AT04200	300.40	300.70	0.30	369	121	58	0.1	1			109		1.49	0.0	0.0	1.0	0.0	0.0	0.0	2,a,*t	Ch Qt vein
AT04201	305.04	305.34	0.30	444	116	10	0.1	1			98		0.92	0.0	0.0	0.5	0.1	0.0	0.0	2,a,*t	Qt vein

GEOCHEMICAL ASSAY

Sample	From (M)	To (M)	Length (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
AR06836	33.00	36.00	3.00	60.84	17.38	1.88	3.94	2.65	2.12	7.61	0.86	0.14	0.09	0.04	3.32	100.87	16	114		55	140	90		2,a,*t	3j	261
AR06837	60.00	63.00	3.00	61.70	17.39	1.34	3.87	2.42	2.18	6.93	0.85	0.14	0.08	0.04	3.36	100.30	12	118		50	110	100		2,a,*t	3j	293
AR06838	90.00	93.00	3.00	53.83	19.08	0.80	6.91	3.54	1.56	9.58	0.93	0.14	0.10	0.05	4.49	101.01	10	110		10	100	100		2,a,*t	3j	323
AR06839	123.00	126.00	3.00	59.91	18.43	2.30	3.45	2.46	2.52	6.83	0.87	0.14	0.08	0.05	3.73	100.77	10	120		80	60	90		2,a,*t	3j	253
AR06840	153.00	156.00	3.00	58.94	18.90	2.47	3.77	2.68	2.04	7.07	0.88	0.14	0.10	0.05	3.37	100.41	14	116		70	100	90		2,a,*t	3j	263
AR06841	180.00	183.00	3.00	57.73	18.29	2.48	4.39	2.88	1.90	7.85	0.90	0.14	0.12	0.05	3.46	100.19	14	105		170	100	100		2,a,*t	3j	252
AR06842	207.00	210.00	3.00	55.37	18.87	0.47	5.71	2.65	2.96	8.88	0.94	0.18	0.10	0.04	4.30	100.47	10	110		90	110	80		2,a,*t	3j	310
AR06843	240.00	243.00	3.00	53.26	18.45	3.52	5.75	2.93	1.32	9.85	0.99	0.16	0.15	0.05	3.85	100.28	16	94		65	105	125		2,a,*t	2(j)w	237
AR06844	270.00	273.00	3.00	54.11	17.05	2.78	8.09	2.84	0.52	9.33	0.97	0.20	0.14	0.05	4.51	100.59	14	86		100	65	120		2,a,*t	2(j)w	278
AR06845	303.00	306.00	3.00	63.12	17.32	0.72	3.56	2.50	2.32	6.92	0.84	0.14	0.07	0.04	3.20	100.75	10	130		55	110	85		2,a,*t	3j	313
AR06846	339.00	342.00	3.00	60.84	18.45	0.36	4.19	2.70	2.78	6.58	0.85	0.14	0.07	0.04	3.58	100.58	10	130		10	80	90		2,a,*t	3j	316

GEOCHEMICAL ASSAY

Sample	From (M)	To (M)	Leg. (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	ND PPM		
AR06836	33.00	36.00	3.00						25		4500	195																			
AR06837	60.00	63.00	3.00						25		1600	185																			
AR06838	90.00	93.00	3.00						35		5100	190																			
AR06839	123.00	126.00	3.00						25		5400	200																			
AR06840	153.00	156.00	3.00						30		1500	195																			
AR06841	180.00	183.00	3.00						30		3000	225																			
AR06842	207.00	210.00	3.00						30		4700	215																			
AR06843	240.00	243.00	3.00						35		2200	255																			
AR06844	270.00	273.00	3.00						30		1500	255																			
AR06845	303.00	306.00	3.00						25		2800	215																			
AR06846	339.00	342.00	3.00						25		2800	165																			

GEOCHEMICAL ASSAYS

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	IS/IKW	ZN/NAZ		
AR06836	33.00	36.00	3.00																												
AR06837	60.00	63.00	3.00																												
AR06838	90.00	93.00	3.00																												
AR06839	123.00	126.00	3.00																												
AR06840	153.00	156.00	3.00																												
AR06841	180.00	183.00	3.00																												
AR06842	207.00	210.00	3.00																												
AR06843	240.00	243.00	3.00																												
AR06844	270.00	273.00	3.00																												
AR06845	303.00	306.00	3.00																												
AR06846	339.00	342.00	3.00																												

Sample	From (M)	To (M)	Length (M)	YB PPM	NB PPM	HG PPM
AR06836	33.00	36.00	3.00		15	
AR06837	60.00	63.00	3.00		10	
AR06838	90.00	93.00	3.00		<5	
AR06839	123.00	126.00	3.00		5	
AR06840	153.00	156.00	3.00		5	
AR06841	180.00	183.00	3.00		20	
AR06842	207.00	210.00	3.00		<5	
AR06843	240.00	243.00	3.00		<5	
AR06844	270.00	273.00	3.00		<5	
AR06845	303.00	306.00	3.00		15	
AR06846	339.00	342.00	3.00		5	

FALCONDRILL EXPLORATION LTD.

ATTN: G. DESCHUTTER

PROJ: 8262 EXPL

5W-4378-RG1

INSTRUMENTAL LABORATORIES

1270 NEWSTER DRIVE, UNIT MISSISSAUGA, ONTARIO L4W-1A4

PHONE #: (905)602-8236

FAX #: (905)206-0513

REPORT No. : M59b0

Page No. : 1 of 1

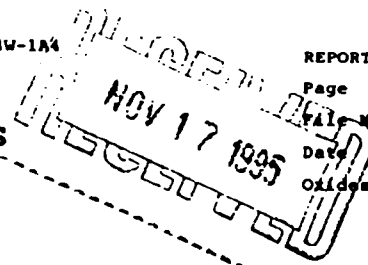
File No. : NV15RA

Date : NOV-15-1995

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 ppm	Y ppm	Cu ppm	Zn ppm	Ni ppm	Co ppm	LOI %	TOTAL %	S ppm
R06728	61.00	14.82	4.39	4.50	3.64	2.75	0.84	0.52	0.06	0.160.035		86	10	165	40	60	15	5.17	97.85	4900
R06729	59.43	17.48	5.29	3.60	2.16	1.86	3.12	0.54	0.09	0.240.020		98	12	10	210	< 5	10	4.09	97.90	16900
R06730	67.02	16.68	2.49	4.07	1.54	5.39	1.18	0.30	0.03	0.140.065		70	4	< 5	30	30	25	2.09	100.92	100
R06731	67.70	16.47	2.33	4.14	1.43	5.73	0.72	0.32	0.03	0.140.070		76	4	< 5	20	35	10	1.48	100.49	200
R06732	65.33	16.07	2.21	4.07	1.48	5.13	1.16	0.30	0.03	0.140.060		66	4	10	25	20	20	3.64	99.57	100
R06733	62.04	14.56	6.07	3.63	3.97	3.25	0.70	0.63	0.07	0.180.035		96	12	110	60	25	25	3.88	98.98	12600
R06734	66.61	15.31	4.26	3.43	2.49	3.90	1.62	0.73	0.04	0.200.060		104	10	95	40	65	35	2.25	100.84	500
R06735	66.84	15.17	4.55	4.34	1.71	4.52	0.64	0.62	0.04	0.140.070		116	14	75	30	50	25	1.68	100.26	5300
R06736	66.49	16.27	2.78	3.79	1.57	5.85	1.10	0.34	0.04	0.140.070		80	4	35	25	20	25	1.73	100.09	300
R06737	64.22	16.26	2.75	4.24	1.54	5.59	1.00	0.34	0.04	0.160.050		78	2	25	30	10	15	1.83	97.96	1400
R06738	65.72	16.91	2.88	4.25	1.54	5.62	1.12	0.35	0.04	0.140.090		78	4	35	50	20	30	2.14	100.73	2000
R06739	64.13	17.63	4.04	1.91	2.49	5.94	1.32	0.57	0.05	0.160.065		70	12	25	35	40	20	2.32	100.55	200
R06740	65.51	16.00	3.08	1.36	1.86	7.64	0.68	0.43	0.04	0.160.055		80	4	15	45	40	20	1.38	98.13	500
R06741	65.72	15.15	5.53	0.87	2.95	1.07	3.04	0.57	0.02	0.120.050		102	16	20	90	60	25	4.61	99.63	32300
R06742	63.40	16.21	6.50	1.95	3.40	0.51	2.90	0.61	0.12	0.160.050		90	12	25	170	30	30	4.73	100.47	29500
R06743	62.85	15.69	4.26	3.52	1.79	2.69	2.64	0.49	0.13	0.160.030		96	12	< 5	65	20	10	3.44	97.64	12900
R06744	61.75	16.17	4.85	4.71	1.26	1.21	3.52	0.52	0.10	0.160.020		104	12	10	90	< 5	10	4.81	99.04	3000
R06745	50.66	12.65	9.46	9.54	3.76	3.99	0.18	2.86	0.15	0.440.010		186	52	30	1165	40	30	7.19	100.89	100
R06746	66.50	14.31	3.80	3.70	2.29	4.83	1.02	0.53	0.06	0.140.040		88	8	10	85	40	20	3.39	100.57	700
R06747	63.64	15.50	3.60	3.35	2.67	4.64	1.36	0.52	0.06	0.140.030		100	10	< 5	65	35	20	3.43	98.91	< 100
R06748	63.33	15.23	4.25	4.45	1.93	5.43	0.94	0.53	0.09	0.140.025		98	10	5	55	15	15	4.40	100.70	100
R06749	75.25	11.05	2.45	0.51	0.51	1.10	7.42	0.25	0.03	0.040.005		294	120	5	125	10	< 5	0.75	99.35	100

SIGNED :

Raj Sood

FALCONBRIDGE EXPLORATION LTD.

ATTN: *[Handwritten]*
 PROJ: 8262 (TIMMINS)

6W-0947-RG1

ISL/ANALYTICAL LABORATORIES
 1270 PEWSTER DRIVE, UNIT 10, MISSISSAUGA, ONTARIO L4W-1A4
 PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : **M7257**
 Page No. : 1 of 1
 File No. : MR19RA
 Date : MAR-19-1996
 Oxides in % - Minors ppm

I.C.A.P. WHOLE ROCK ANALYSIS

Lithium MetaBorate Fusion

SAMPLE #	SiO2	Al2O3	Fe2O3	CaO	HgO	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
AR06801	65.09	16.58	2.90	3.07	1.41	5.73	0.96	0.33	0.04	0.14.115		80	4	15	35	5	15	< 5	50	5	< 1	2.13	98.39	100
AR06802	66.64	16.90	2.86	1.13	1.71	6.16	1.32	0.35	0.03	0.14.085		90	6	< 5	50	20	20	10	70	4	< 1	1.65	98.90	300
AR06803	63.89	16.85	2.60	2.86	1.72	6.81	0.78	0.35	0.03	0.14.075		78	4	10	15	30	15	10	60	4	< 1	2.15	98.18	400
AR06804	66.48	17.05	2.65	2.26	1.56	7.36	0.88	0.35	0.03	0.14.080		76	4	< 5	35	35	20	15	70	4	< 1	1.81	100.56	500
AR06805	64.94	17.33	3.64	1.87	1.34	1.15	3.66	0.55	0.06	0.18.025		100	10	< 5	70	20	5	< 5	70	11	< 1	4.28	98.97	30700
AR06806	63.91	16.65	4.06	4.25	1.44	4.55	1.04	0.54	0.09	0.18.030		106	8	10	95	25	15	< 5	70	11	< 1	3.70	100.40	2200
AR06807	69.29	15.82	2.88	3.53	0.56	3.91	1.08	0.50	0.07	0.16.030		104	14	< 5	85	20	15	< 5	80	9	1	2.92	100.72	1700
AR06808	61.12	15.91	5.23	4.95	2.46	1.24	2.64	0.51	0.12	0.16.010		104	10	5	100	20	10	< 5	70	10	< 1	5.87	100.21	600
AR06809	60.54	17.30	6.28	2.49	2.69	1.39	4.16	0.55	0.10	0.18.045		128	16	15	40	25	20	< 5	75	11	< 1	4.07	99.75	24000
AR06810	67.18	17.70	2.75	0.64	0.64	1.32	2.96	0.68	0.01	0.20.060		128	14	10	90	20	10	< 5	100	14	< 1	4.09	98.16	28500
AR06811	66.38	16.56	3.39	2.26	1.94	7.23	0.66	0.43	0.04	0.16.105		78	6	5	130	35	20	< 5	70	5	< 1	1.69	100.74	1300
AR06812	67.50	16.05	2.49	2.47	1.49	5.52	1.22	0.30	0.03	0.14.065		76	6	10	75	15	10	10	45	5	< 1	2.14	99.35	300
AR06813	67.53	16.24	2.70	2.31	1.39	6.42	0.76	0.29	0.03	0.16.130		76	6	10	45	15	15	10	75	4	< 1	1.86	99.68	1300
AR06814	75.11	11.05	2.45	0.49	0.50	1.07	7.42	0.25	0.03	0.06.005		294	122	10	130	10	< 5	30	25	4	< 1	0.75	99.19	100

SIGNED :

[Handwritten Signature]

FALCONBRIDGE EXPLORATION LTD.

ATTN: G. DESCHUTTER

PROJ:

6W-1031-RG1

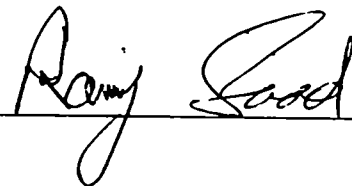
3SL/1000AYF... al ato s
 1270 FEWSTER DRIVE, UNIT 1, MISSISSAUGA, ONTARIO L4W-1A4
 PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : M726
 Page No. : 1 of 1
 File No. : MR26RA
 Date : MAR-27-1996
 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
.RO6815	62.78	15.87	5.53	5.33	2.83	4.38	0.96	0.72	0.05	0.18.120		110	16	15	150	35	25	< 5	135	14	< 1	2.12100.76	4200	
.RO6816	61.76	17.13	4.94	5.54	2.88	4.54	0.94	0.76	0.04	0.20.110		120	14	15	95	45	25	< 5	170	15	< 1	2.24100.96	2900	
.RO6817	62.95	16.14	5.24	4.93	2.91	4.51	0.82	0.69	0.05	0.18.090		110	18	15	85	40	20	< 5	140	13	1	2.51100.94	4000	
.RO6818	60.08	15.88	4.59	6.48	2.65	4.33	1.24	0.70	0.06	0.18.065		112	16	10	85	35	20	< 5	120	14	< 1	4.28100.47	500	
.RO6819	59.75	15.86	4.06	6.59	2.05	2.63	2.00	0.61	0.05	0.18.040		122	14	35	105	30	15	< 5	95	11	< 1	6.64100.39	500	
.RO6820	63.19	15.83	4.73	4.56	2.91	5.83	0.66	0.62	0.04	0.18.095		120	12	10	60	30	20	< 5	100	11	< 1	1.66100.23	1800	
.RO6821	66.66	15.65	3.11	1.70	1.74	3.07	2.54	0.56	0.03	0.18.055		108	14	30	55	35	15	< 5	95	11	< 1	2.36 97.60	1100	
.RO6822	63.50	16.07	3.33	2.51	3.14	4.68	1.50	0.51	0.02	0.16.070		104	14	15	15	25	10	< 5	90	9	< 1	2.66 98.09	10900	
.RO6823	62.11	15.66	4.25	2.27	5.74	2.87	1.40	0.59	0.02	0.16.070		108	14	30	20	30	10	< 5	115	12	< 1	4.21 99.27	22900	
.RO6824	63.75	15.60	3.26	4.07	2.71	2.95	1.32	0.47	0.01	0.18.055		94	10	10	35	25	5	< 5	95	9	< 1	3.43 97.74	19400	
.RO6825	75.01	11.04	2.42	0.51	0.52	1.08	7.50	0.25	0.03	0.06.005		294	120	5	125	10	< 5	25	25	4	< 1	0.75 99.17	100	

SIGNED :



FALCONBRIDGE EXPLORATION LTD.

ATTN: G. DeSCHUTTER

PROJ: 8262

6W-1158-RG1

MSL/ALYF/analyticals

1270 FEWSTER DRIVE, UNIT 1, MISSISSAUGA, ONTARIO L4W-1M4

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

REPORT No. : M7312

Page No. : 1 of 1

File No. : AP04RA

Date : APR-04-1996

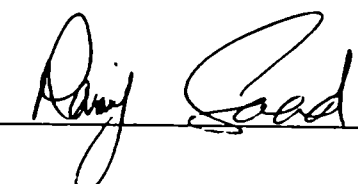
Oxides in % - Minors ppm

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
AR06826	62.10	16.31	4.70	4.85	2.79	4.48	1.24	0.60	0.05	0.18.055		114	14	20	90	60	20	< 5	85	11	< 1	2.91	100.22	2500
AR06827	62.58	16.74	4.70	5.13	2.91	5.09	0.90	0.63	0.05	0.20.065		116	12	20	70	55	15	< 5	105	12	< 1	1.83	100.74	1200
AR06828	65.79	16.58	2.35	3.51	3.35	6.22	0.38	0.50	0.02	0.18.090		102	10	55	20	25	20	< 5	65	10	< 1	1.85	100.71	4200
AR06829	64.94	15.63	4.67	3.54	3.76	2.95	0.86	0.59	0.04	0.16.055		94	12	25	125	30	15	< 5	70	10	< 1	3.17	100.32	9700
AR06830	64.09	15.10	5.11	4.61	3.46	2.55	1.02	0.50	0.13	0.16.065		86	12	10	145	25	15	< 5	70	10	< 1	3.01	99.73	6400
AR06831	58.07	16.70	6.82	6.41	3.12	5.09	0.74	0.73	0.16	0.18.075		102	18	30	60	20	20	< 5	95	16	< 1	1.73	99.74	1900
AR06832	65.36	14.43	3.93	6.84	0.79	2.28	2.68	0.44	0.11	0.14.160		72	8	15	40	10	25	< 5	60	9	< 1	3.98	100.96	100
AR06833	57.74	16.95	6.29	8.22	1.49	4.15	1.40	0.71	0.13	0.18.035		92	14	25	70	10	15	< 5	100	15	< 1	3.70	100.95	4000
AR06834	67.20	16.06	3.07	3.11	1.50	6.79	0.80	0.43	0.05	0.16.060		70	4	5	55	25	10	< 5	65	5	< 1	1.54	100.69	1000
AR06835	75.12	11.08	2.47	0.49	0.49	1.08	7.46	0.25	0.03	0.06.005		292	120	5	130	10	< 5	30	30	4	< 1	0.78	99.32	100

SIGNED :



FALCONBRIDGE EXPLORATION LTD.

ATTN: G. DESCHUTTER

PROJ: 8262

6W-1395-RG1

TSL/ASSAY LABORATORIES
 1270 FLEWSTER DRIVE, UNIT 101, MISSISSAUGA, ONTARIO L4W-1A4
 PHONE #: (905)602-8236 FAX #: (905)206-0513

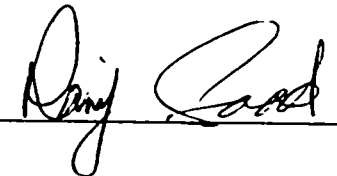
REPORT No. : M73
 Page No. : 1 of 1
 File No. : AP19RA
 Date : APR-19-1996
 Oxides in % - Minors ppm

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
ARO6836	60.84	17.38	7.61	1.88	3.94	2.65	2.12	0.86	0.09	0.14.040		114	16	55	140	90	25	15	195	25	< 1	3.32100.83	4500	
ARO6837	61.70	17.39	6.93	1.34	3.87	2.42	2.18	0.85	0.08	0.14.035		118	12	50	110	100	25	10	185	24	1	3.36100.28	1600	
ARO6838	53.83	19.08	9.58	0.80	6.91	3.54	1.56	0.93	0.10	0.14.045		110	10	10	100	100	35	< 5	190	27	< 1	4.49100.99	5100	
ARO6839	59.91	18.43	6.83	2.30	3.45	2.46	2.52	0.87	0.08	0.14.045		120	10	80	60	90	25	5	200	25	< 1	3.73100.72	5400	
ARO6840	58.94	18.90	7.07	2.47	3.77	2.68	2.04	0.88	0.10	0.14.045		116	14	70	100	90	30	5	195	26	1	3.37100.37	1500	
ARO6841	57.73	18.29	7.85	2.48	4.39	2.88	1.90	0.90	0.12	0.14.045		106	14	170	100	100	30	20	225	28	1	3.46100.14	3000	
ARO6842	55.37	18.87	8.88	0.47	5.71	2.65	2.96	0.94	0.10	0.18.040		110	10	90	110	80	30	< 5	215	29	1	4.30100.42	4700	
ARO6843	53.26	18.45	9.85	3.52	5.75	2.93	1.32	0.99	0.15	0.16.045		94	16	65	105	125	35	< 5	255	32	< 1	3.85100.24	2200	
ARO6844	54.11	17.05	9.33	2.78	8.09	2.84	0.52	0.97	0.14	0.20.045		86	14	100	65	120	30	< 5	255	33	< 1	4.51100.53	1500	
ARO6845	63.12	17.32	6.92	0.72	3.56	2.50	2.32	0.84	0.07	0.14.040		130	10	55	110	85	25	15	215	23	< 1	3.20100.69	2800	
ARO6846	60.84	18.45	6.58	0.36	4.19	2.70	2.78	0.85	0.07	0.14.035		130	10	10	80	90	25	5	165	23	< 1	3.58100.52	2800	
ARO6847	74.95	11.06	2.44	0.49	0.51	1.05	7.46	0.25	0.03	0.06.005		294	120	10	135	10	< 5	25	25	4	< 1	0.74	99.05	100
ARO6848	62.99	17.44	6.22	2.84	2.79	2.45	2.16	0.82	0.08	0.14.050		130	14	70	85	70	20	10	170	21	< 1	2.88100.82	2100	
ARO6849	56.46	17.57	7.94	5.08	4.38	3.21	0.92	0.91	0.13	0.16.045		102	14	90	120	100	30	< 5	255	28	< 1	3.78100.52	6600	
ARO6850	57.43	17.83	7.62	3.74	4.52	3.25	1.40	0.94	0.12	0.16.045		108	14	45	95	85	25	15	210	28	< 1	3.36100.35	4900	
ATO4101	64.74	15.03	5.05	1.72	3.11	4.03	1.34	0.63	0.06	0.12.045		118	12	30	115	65	15	10	95	12	< 1	2.37	98.18	4800
ATO4102	58.60	18.64	7.01	3.19	3.31	3.71	1.96	0.91	0.10	0.14.050		112	12	60	105	85	25	10	195	26	< 1	3.08100.64	5300	
ATO4103	59.07	19.28	6.64	2.84	2.99	2.78	2.78	0.90	0.09	0.14.040		118	12	50	75	90	30	< 5	205	26	< 1	3.29100.78	5200	
ATO4104	58.35	19.38	7.70	0.68	4.06	1.56	3.76	0.91	0.09	0.14.055		110	14	35	95	95	30	15	220	27	< 1	3.89100.53	4700	
ATO4105	57.65	20.45	6.41	0.75	3.49	4.62	2.56	0.91	0.07	0.16.035		138	12	190	115	95	30	10	185	24	1	3.14100.21	4100	
ATO4106	57.67	20.44	5.30	0.78	3.54	7.30	1.58	0.86	0.07	0.16.030		160	18	10	95	95	20	< 5	135	21	1	2.58100.28	4900	
ATO4107	64.85	17.06	5.04	0.74	3.33	4.34	1.66	0.72	0.06	0.12.035		124	8	70	95	75	20	< 5	130	16	< 1	2.54100.44	1400	

SIGNED :





Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

5W-4301-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: 8262 EXPL
Attn: G.Deschutter/R. Kohlsmith

Date: NOV-10-95

We hereby certify the following Geochemical Analysis of 23 Core samples submitted NOV-06-95 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	Mo PPM	Sb PPM
AR06762	3	46	118	1	0.2	28	2	△
AR06763	△	13	50	6	0.2	38	1	△
AR06764	△	39	125	1	0.2	12	1	△
AR06765	103	6	32	1	0.1	26	1	△
AR06766	86	8	23	1	0.1	30	8	△
AR06767	58	6	24	1	0.1	24	1	△
AR06769	298	123	67	3	0.9	33	16	△
AR06770	17	54	71	1	0.1	62	2	△
AR06771	10	20	80	1	0.1	68	2	△
AR06772	41	37	95	1	0.1	70	2	△
AR06773	55	33	127	2	0.2	65	4	△
AR06774	117	27	47	2	0.4	56	2	△
AR06775	14	52	37	2	0.2	74	2	△
AR06776	10	30	58	5	0.1	72	1	△
AR06777	7	179	43	4	0.1	120	6	△
AR06778	3	162	51	2	0.1	93	2	△
AR06779	137	48	48	8	0.9	83	6	△
AR06780	10	125	39	1	0.1	84	2	△
AR06781	△	48	30	1	0.1	95	3	△
AR06782	△	55	41	1	0.1	70	3	△
AR06783	281	1500	59	1	2.2	150	5	△
AR06784	7	46	38	1	0.1	66	1	△
AR06785 Control	10	1130	30700	340	9.8	52	1	△

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

5W-4478-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**

Date: NOV-23-95

Project: **8262 EXPL**

Attn: **G. Deschutter/R. Kohlsmith**

We hereby certify the following Geochemical Analysis of 11 Core samples submitted NOV-16-95 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	As PPM	Mo PPM	Sb PPM
AR06786	31	29	38	38	0.3	25	<5	17	<3
AR06787	10	866	61	12	0.4	70	<5	2	<3
AR06788	3	30	3830	244	0.3	23	<5	1	<3
AR06789	10	116	164	195	0.5	59	8	2	<3
AR06790	970	461	512	215	85.4	25	102	2	<3
AR06791 Control	<2	14	112	13	0.4	8	<5	1	<3
AR06792	10	84	88	4	0.2	119	<5	1	<3
AR06793	3	91	85	3	0.1	83	<5	2	<3
AR06794	3	77	3580	778	0.5	85	41	2	<3
AR06795	34	61	1070	410	1.9	87	109	1	<3
AR06796 Control	10	1110	30400	340	12.4	53	26	2	<3

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

6W-0858-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: **8262 EXPL**
Attn: **R. Kohlsmith**

Date: **MAR-12-96**

We hereby certify the following Geochemical Analysis of 33 Core samples submitted MAR-05-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	As PPM
AR06797	2	70	1100	480	0.3	75	6
AR06798	2	76	470	227	0.3	70	6
AR06799	2	188	88	2	0.1	71	6
AR06800	2	56	51	1	0.1	66	6
AR06851	2	23	50	1	0.1	78	6
AR06852	2	16	33	1	0.1	18	6
AR06853	2	13	33	9	0.2	21	6
AR06854	2	14	48	5	0.1	19	6
AR06855	2	18	38	1	0.1	21	6
AR06856	2	13	35	1	0.1	22	6
AR06857	3	13	42	2	0.1	20	6
AR06858	2	15	30	1	0.1	18	6
AR06859	2	17	31	1	0.1	21	6
AR06860	2	15	34	1	0.1	21	6
AR06861	2	15	35	1	0.1	20	6
AR06862	2	13	40	1	0.1	23	6
AR06863	2	21	35	1	0.1	19	6
AR06864	3	31	29	1	0.1	18	6
AR06865	2	11	30	3	0.1	23	6
AR06866	2	9	31	1	0.1	24	6
AR06867	17	7	43	1	0.1	25	6
AR06868	2	6	37	1	0.1	36	6
AR06869	3	15	34	1	0.1	26	6
AR06870	21	14	39	1	0.1	23	6
AR06871	7	12	31	1	0.2	21	6
AR06872	3	11	30	1	0.1	21	6
AR06873	2	9	32	1	0.1	24	6
AR06874	24	7	29	1	0.1	25	6
AR06875	3	5	32	2	0.1	27	6
AR06876	2	6	33	1	0.1	23	6

Certified by Dennis Charbonneau



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 2 of 2

Geochemical Analysis Certificate

6W-0858-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**

Date: MAR-12-96

Project: 8262 EXPL

Attn: R. Kohlsmith

We hereby certify the following Geochemical Analysis of 33 Core samples submitted MAR-05-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	As PPM
AR06877	<2	7	41	1	0.1	31	<5
AR06878	<2	10	42	1	0.2	29	<5
AR06879 Control	<2	12	122	13	0.3	7	<5

Certified by Denis Chantre



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928
Geochemical Analysis Certificate

6W-0923-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: **8272 EXPL**
Attn: **G. DeSchutter**

Date: **MAR-18-96**

We hereby certify the following Geochemical Analysis of 21 Core samples submitted MAR-11-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	As PPM	S %
AR06880	7	21	71	5	0.3	30	<5	2.09
AR06881	3	9	73	8	0.3	27	<5	2.61
AR06882	14	9	60	23	0.2	29	<5	2.97
AR06883	38	6	76	10	0.2	25	<5	2.39
AR06884	14	7	93	3	0.3	25	<5	2.23
AR06885	27	14	103	6	0.4	26	<5	2.66
AR06886	17	9	123	4	0.3	26	<5	1.90
AR06887	185	13	112	5	0.4	27	<5	1.93
AR06888	456	20	121	5	1.8	25	<5	1.70
AR06889	<2	27	76	4	0.1	18	<5	0.05
AR06890	<2	8	60	1	0.3	20	<5	0.14
AR06891	<2	7	71	1	0.2	24	<5	0.05
AR06892	31	44	84	1	0.3	29	<5	0.12
AR06893	62	9	66	1	0.4	26	<5	0.10
AR06894	3	10	43	1	0.2	23	<5	0.25
AR06895	10	11	35	1	0.3	23	<5	0.37
AR06896	<2	5	69	1	0.1	15	<5	0.01
AR06897	<2	11	63	1	0.1	18	<5	0.21
AR06898	<2	9	75	1	0.1	16	<5	0.01
AR06899	<2	13	67	1	0.1	16	<5	0.02
AR06900	7	8	50	1	0.2	23	<5	0.11

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 1 of 3

Geochemical Analysis Certificate

6W-0922-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: 8272 EXPL
Attn: G. DeSchutter

Date: MAR-18-96

We hereby certify the following Geochemical Analysis of 87 Core samples submitted MAR-11-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	As PPM	S PPM
AT03751	<2	8	104	1	0.3	21	<5	0.59
AT03752	411	24	71	4	9.7	24	<5	1.90
AT03753	<2	12	66	4	0.3	21	<5	1.07
AT03754	<2	10	87	25	0.4	21	<5	1.30
AT03755	24	25	89	1	0.8	28	<5	3.11
AT03756	7	11	59	1	0.5	20	<5	2.14
AT03757	17	7	69	1	0.8	25	<5	2.64
AT03758	17	10	58	1	0.6	22	<5	1.62
AT03759	45	23	336	21	5.3	22	20	2.92
AT03760	7	5	61	1	0.8	21	<5	1.47
AT03761	41	10	56	2	0.9	23	<5	1.14
AT03762	10	9	80	1	0.3	21	<5	0.08
AT03763	45	21	132	12	0.7	26	14	1.54
AT03764	<2	52	647	20	0.9	28	<5	1.84
AT03765	<2	26	1220	33	0.3	29	<5	0.93
AT03766	<2	56	330	7	0.2	31	<5	2.61
AT03767	3	27	103	3	0.3	37	<5	4.14
AT03768	<2	26	106	2	0.8	35	<5	2.72
AT03769	10	18	149	2	0.3	38	<5	3.05
AT03770	<2	21	193	2	0.2	36	<5	2.72
AT03771	<2	39	230	5	0.4	39	7	2.57
AT03772	21	45	760	17	0.7	46	30	2.74
AT03773	<2	39	731	16	0.5	44	46	2.04
AT03774	62	26	84	7	0.8	51	42	2.48
AT03775	48	18	557	8	1.5	45	62	2.52
AT03776	17	32	1580	44	1.2	43	71	4.94
AT03777	34	28	2740	21	1.4	45	79	6.98
AT03778	154	20	926	12	3.8	47	76	4.40
AT03779	142	40	2320	26	3.2	37	93	10.60
AT03780	69	31	399	30	1.9	35	44	7.51

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 2 of 3

Geochemical Analysis Certificate

6W-0922-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: 8272 EXPL
Attn: G. DeSchutter

Date: MAR-18-96

We hereby certify the following Geochemical Analysis of 87 Core samples submitted MAR-11-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	As PPM	S PPM
AT03781	41	51	840	110	2.3	40	18	4.42
AT03782	27	29	100	24	1.9	39	9	5.14
AT03783	17	60	640	136	3.3	42	30	10.10
AT03784	21	32	279	73	3.1	46	29	4.52
AT03785	51	32	263	74	4.2	41	9	4.63
AT03786	51	53	1180	67	2.9	41	41	10.50
AT03787	67	62	3030	80	6.5	44	77	15.60
AT03788	<	35	981	51	5.1	41	40	6.50
AT03789	<	54	2000	181	7.9	41	75	8.30
AT03790	202	45	6330	874	8.2	40	145	7.95
AT03791	199	25	331	57	6.3	32	91	5.05
AT03792	5280	38	928	146	13.4	41	238	8.68
AT03793	2249	100	5200	1140	14.5	43	215	11.90
AT03794	494	109	1070	76	3.7	31	87	2.44
AT03795	55	31	67	18	0.6	28	61	0.42
AT03796	17	24	178	61	0.8	38	49	0.10
AT03797	45	26	144	50	1.1	34	26	0.05
AT03798	<	42	174	45	0.7	34	28	0.20
AT03799	27	27	259	92	0.7	36	65	0.11
AT03800	55	27	146	58	0.7	38	57	0.64
AT03801	75	24	237	45	0.9	45	81	2.38
AT03802	617	152	2040	359	7.1	62	185	9.27
AT03803	662	106	13300	6240	19.1	50	258	16.50
AT03804	1056	74	115	233	59.0	58	312	32.50
AT03805	<	56	95	70	1.6	82	70	0.74
AT03806	<	22	51	13	0.1	23	32	0.04
AT03807	<	24	33	1	0.1	22	<	0.15
AT03808	<	15	32	1	0.1	21	<	0.10
AT03809	<	27	34	1	0.1	20	<	0.13
AT03810	<	19	34	1	0.1	20	<	0.15

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 3 of 3

Geochemical Analysis Certificate

6W-0922-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**

Date: **MAR-18-96**

Project: **8272 EXPL**

Attn: **G. DeSchutter**

We hereby certify the following Geochemical Analysis of 87 Core samples submitted MAR-11-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	As PPM	S PPM
AT03811	3	24	40	1	0.1	30	<5	0.14
AT03812	<2	36	44	5	0.1	39	<5	0.09
AT03813	<2	6	34	8	0.1	25	<5	0.07
AT03814	<2	10	43	46	0.1	25	<5	0.06
AT03815	<2	41	5690	1740	0.4	30	16	0.19
AT03816	<2	32	55	7	0.1	46	10	0.02
AT03817	<2	15	41	4	0.1	33	<5	0.02
AT03818	<2	12	55	14	0.1	31	<5	0.01
AT03819	<2	4	27	1	0.1	26	<5	0.05
AT03820	<2	5	26	2	0.1	26	<5	0.05
AT03821	<2	11	33	4	0.1	27	<5	0.04
AT03822	3	7	40	49	0.1	28	<5	0.09
AT03823	<2	7	32	4	0.1	26	<5	0.11
AT03824	<2	11	25	5	0.1	23	<5	0.04
AT03825	<2	8	31	1	0.1	23	<5	0.04
AT03826	<2	42	46	3	0.1	63	<5	0.06
AT03827	<2	946	56	6	0.5	82	13	0.57
AT03828	<2	49	75	3	0.3	73	<5	0.91
AT03829	99	47	65	3	0.3	72	<5	1.05
AT03830	<2	51	49	9	0.3	73	<5	0.45
AT03831 Not Rec'd	-	-	-	-	-	-	-	-
AT03832	34	48	53	7	0.3	54	<5	0.87
AT03833	137	47	53	3	0.4	57	<5	1.43
AT03834	7	51	34	3	0.2	28	<5	0.40
AT03835	17	15	41	5	0.1	38	<5	0.53
AT03836	10	18	49	2	0.1	69	<5	0.46
AT03837	<2	61	42	3	0.2	51	<5	0.16
AT03838	<2	42	39	2	0.2	34	<5	0.22

Certified by

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

Telephone (705)642-3244

FAX (705)642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

6W-1088-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: **8262 EXPL**
Attu: **R. Kohlsmith**

Date: **MAR-28-96**

We hereby certify the following Geochemical Analysis of 51 Core samples submitted MAR-20-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	As PPM	S %
AT03839	∅	58	796	163	0.2	54	∅	0.67
AT03840	∅	59	1010	45	0.3	52	∅	0.53
AT03841	∅	70	513	14	0.2	41	∅	0.34
AT03842	7	27	51	1	0.1	45	∅	0.24
AT03843	3	25	35	1	0.1	43	∅	0.46
AT03844	∅	31	37	1	0.1	44	∅	0.20
AT03845	∅	16	49	1	0.1	43	∅	0.11
AT03846	∅	35	45	1	0.1	51	∅	0.19
AT03847	∅	11	44	1	0.1	50	∅	0.10
AT03848	∅	136	611	124	0.1	62	∅	0.35
AT03849	∅	81	327	28	0.1	74	∅	0.81
AT03850	10	70	42	26	0.1	106	∅	1.67
AT03851	∅	53	19	1	0.1	59	∅	0.21
AT03852	∅	52	85	1	0.1	40	∅	0.43
AT03853	∅	21	72	1	0.1	49	∅	0.21
AT03854	∅	45	60	2	0.1	46	∅	0.19
AT03855	3	34	608	21	0.1	45	∅	0.29
AT03856	∅	30	125	25	0.1	61	∅	0.35
AT03857	3	46	91	18	0.2	50	∅	0.76
AT03858	10	45	53	9	0.3	59	∅	1.06
AT03859	∅	63	57	19	0.2	61	∅	0.83
AT03860	∅	40	58	3	0.1	41	∅	0.43
AT03861	∅	15	36	3	0.1	39	∅	0.61
AT03862	41	10	58	2	0.1	83	∅	<0.01
AT03863	3	134	27	2	0.1	49	∅	0.84
AT03864	∅	84	28	4	0.1	46	∅	1.29
AT03865	∅	49	16	1	0.1	28	∅	1.19
AT03866	3	70	22	2	0.1	32	∅	1.92
AT03867	∅	25	13	1	0.1	27	∅	1.41
AT03868	∅	48	29	7	0.2	30	∅	1.39

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 2 of 2

Geochemical Analysis Certificate

6W-1088-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**

Date: MAR-28-96

Project: 8262 EXPL

Attn: R. Kohlsmith

We hereby certify the following Geochemical Analysis of 51 Core samples submitted MAR-20-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	As PPM	S %
AT03869	3	67	32	8	0.1	31	<5	1.62
AT03870	<2	64	136	24	0.1	39	<5	0.60
AT03871	<2	52	61	4	0.1	37	<5	0.59
AT03872	<2	60	60	4	0.1	36	<5	0.88
AT03873	3	43	29	2	0.1	25	<5	1.06
AT03874	14	67	63	8	0.2	29	<5	1.16
AT03875	<2	29	26	4	0.2	28	<5	0.89
AT03876	<2	72	320	14	0.2	54	<5	1.68
AT03877	<2	47	42	5	0.1	42	<5	0.92
AT03878	<2	32	96	2	0.1	33	<5	1.40
AT03879	<2	58	29	1	0.2	65	<5	1.52
AT03880	<2	22	20	3	0.1	32	<5	1.13
AT03881	3	37	16	2	0.1	31	<5	1.22
AT03882	<2	24	16	1	0.1	30	<5	1.06
AT03883	3	16	13	1	0.1	28	<5	0.64
AT03884	<2	12	17	4	0.1	26	<5	0.66
AT03885	<2	15	10	2	0.1	28	<5	1.69
AT03886	<2	34	17	2	0.1	26	<5	2.17
AT03887	<2	24	16	1	0.1	25	<5	1.98
AT03888 Control	<2	12	118	14	0.3	7	<5	0.01
AT03889	1666	152	3070	136	17.0	48	331	14.80

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 1 of 3

Geochemical Analysis Certificate

6W-1161-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: **8262 EXPL**
Attn: **R. Kohlsmith**

Date: **APR-03-96**

We hereby certify the following Geochemical Analysis of 73 Core samples submitted MAR-26-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	Zn %	As PPM	S %
AT03890	3	33	48	1	0.1	34	-	<5	0.28
AT03891	7	22	54	1	0.1	42	-	<5	0.27
AT03892	7	17	44	1	0.1	36	-	<5	0.04
AT03893	7	17	65	3	0.1	37	-	<5	0.03
AT03894	7	16	38	1	0.1	37	-	<5	0.29
AT03895	10	23	77	1	0.1	47	-	<5	0.52
AT03896	10	36	53	1	0.1	55	-	<5	0.67
AT03897	3	27	64	1	0.1	48	-	<5	0.58
AT03898	7	35	50	1	0.1	54	-	<5	1.49
AT03899	7	66	19	1	0.1	51	-	<5	2.08
AT03900	14	55	13	1	0.1	71	-	<5	4.80
AT03901	3	65	20	7	0.1	52	-	<5	2.23
AT03902	<2	78	39	17	0.1	45	-	<5	1.31
AT03903	7	110	31	14	0.1	41	-	<5	0.70
AT03904	312	236	16	15	0.1	44	-	<5	1.14
AT03905	10	57	18	5	0.2	51	-	<5	0.91
AT03906	<2	57	15	1	0.1	66	-	<5	1.39
AT03907	<2	49	114	66	0.2	59	-	<5	1.20
AT03908	3	83	52	27	0.1	35	-	<5	0.38
AT03909	3	213	70	45	0.2	42	-	<5	0.56
AT03910	3	70	14	3	0.1	31	-	<5	0.17
AT03911	<2	71	38	3	0.1	44	-	9	0.26
AT03912	3	84	17	6	0.1	40	-	<5	0.60
AT03913	<2	49	13	1	0.1	25	-	<5	0.19
AT03914	3	100	22	1	0.1	31	-	<5	0.48
AT03915	10	102	27	1	0.1	35	-	<5	0.66
AT03916	3	122	18	1	0.1	39	-	<5	0.50
AT03917	17	81	19	2	0.1	33	-	<5	0.44
AT03918	3	35	11	1	0.1	24	-	<5	0.24
AT03919	<2	19	11	2	0.1	24	-	<5	0.11

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 2 of 3

Geochemical Analysis Certificate

6W-1161-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: **8262 EXPL**
Attn: **R. Kohlsmith**

Date: **APR-03-96**

We hereby certify the following Geochemical Analysis of 73 Core samples submitted MAR-26-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	Zn %	As PPM	S %
AT03920	3	37	53	16	0.1	37	-	<5	0.31
AT03921	7	121	27	8	0.1	43	-	<5	1.52
AT03922 Control	3	12	119	16	0.3	7	-	<5	0.01
AT03923	<2	72	11	1	0.1	41	-	<5	1.64
AT03924	<2	11	12	1	0.1	23	-	<5	0.22
AT03925	<2	80	13	1	0.1	29	-	<5	0.42
AT03926	3	66	17	1	0.1	36	-	<5	1.19
AT03927	<2	34	22	1	0.1	28	-	<5	0.47
AT03928	3	32	18	1	0.1	33	-	<5	0.17
AT03929	<2	19	15	1	0.1	23	-	<5	0.30
AT03930	3	75	103	45	0.2	32	-	<5	0.78
AT03931	7	81	13	1	0.1	45	-	<5	1.21
AT03932	<2	88	12	1	0.1	41	-	<5	1.61
AT03933	<2	37	9	1	0.1	43	-	<5	2.01
AT03934	7	25	10	1	0.1	35	-	<5	2.00
AT03935	3	23	11	1	0.1	26	-	<5	1.98
AT03936	10	19	20	5	0.1	27	-	<5	2.85
AT03937	10	55	16	1	0.1	25	-	<5	2.22
AT03938	<2	35	23	1	0.1	24	-	<5	1.73
AT03939	3	11	29	1	0.1	22	-	<5	0.95
AT03940	7	9	27	1	0.1	21	-	<5	1.11
AT03941	14	6	100	11	0.1	20	-	<5	1.66
AT03942	14	4	28	2	0.1	21	-	<5	2.63
AT03943	7	13	16	1	0.1	20	-	<5	3.75
AT03944	7	16	34	1	0.1	20	-	<5	3.71
AT03945	7	135	171	48	0.2	30	-	<5	1.19
AT03946	21	17	81	13	0.1	29	-	<5	0.19
AT03947	<2	18	50	2	0.1	36	-	<5	0.25
AT03948	<2	27	61	1	0.1	24	-	<5	0.07
AT03949	10	31	202	2	0.1	19	-	<5	0.35

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 3 of 3

Geochemical Analysis Certificate

6W-1161-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**
Project: **8262 EXPL**
Attn: **R. Kohlsmith**

Date: APR-03-96

We hereby certify the following Geochemical Analysis of 73 Core samples submitted MAR-26-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	Zn %	As PPM	S %
AT03950	31	32	143	1	0.1	14	-	15	0.36
AT04151	7	13	37	1	0.1	31	-	<5	0.02
AT04152	14	23	51	1	0.1	33	-	<5	0.27
AT04153	75	10	33	1	0.1	21	-	<5	0.30
AT04154	<2	21	65	1	0.1	20	-	<5	0.01
AT04155	3	27	74	1	0.1	26	-	<5	0.01
AT04156	<2	82	60	1	0.1	23	-	<5	0.14
AT04157	21	31	71	4	0.1	24	-	<5	0.38
AT04158	<2	18	69	4	0.5	24	-	<5	0.22
AT04159	168	33	70	1	0.3	24	-	<5	0.43
AT04160	34	34	55	1	0.1	22	-	<5	0.30
AT04161	103	49	51	1	0.3	19	-	<5	0.50
AT04162 Control	<2	1110	>20000	331	9.9	49	3.11	22	4.00

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

6W-1322-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**

Date: APR-15-96

Project: 8262 EXPL

Att: G. Deschutter

We hereby certify the following Geochemical Analysis of 40 Core samples submitted APR-04-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	Zn %	S %
AT04163	10	133	141	1	0.1	101	-	0.61
AT04164	3	198	115	1	0.1	91	-	0.44
AT04165	<	72	117	1	0.1	97	-	0.44
AT04166	<	45	130	1	0.1	85	-	0.32
AT04167	<	49	93	1	0.1	76	-	0.14
AT04168	<	59	97	1	0.1	76	-	0.28
AT04169	<	17	159	1	0.1	102	-	0.29
AT04170	<	8	197	1	0.1	116	-	0.31
AT04171	3	33	163	1	0.1	110	-	0.52
AT04172	3	17	134	1	0.1	92	-	0.48
AT04173	<	96	114	3	0.2	88	-	0.79
AT04174	31	92	126	1	0.1	98	-	0.94
AT04175	7	82	114	1	0.1	91	-	0.61
AT04176	<	42	119	1	0.1	95	-	1.15
AT04177	<	44	94	1	0.1	81	-	0.88
AT04178	<	66	122	1	0.1	88	-	0.48
AT04179	<	59	121	1	0.1	84	-	0.24
AT04180	<	55	118	1	0.1	106	-	0.87
AT04181	<	66	105	2	0.1	87	-	0.54
AT04182	<	79	120	2	0.1	88	-	0.23
AT04183	24	130	222	4	0.2	93	-	0.81
AT04184	72	4920	114	8	0.8	98	-	0.93
AT04185	14	600	114	4	0.2	103	-	0.20
AT04186	10	783	120	8	0.2	107	-	0.20
AT04187	<	579	149	144	0.2	104	-	0.10
AT04188	<	1300	136	213	0.6	85	-	0.25
AT04189	<	1060	122	174	0.5	88	-	0.23
AT04190	<	828	161	248	0.4	89	-	0.22
AT04191	<	1280	104	35	0.4	77	-	0.20
AT04192	<	970	107	11	0.4	89	-	0.19

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 2 of 2

Geochemical Analysis Certificate

6W-1322-RG1

Company: **FALCONBRIDGE LTD (EXPLORATION)**

Date: APR-15-96

Project: 8262 EXPL

Attn: G. Deschutter

We hereby certify the following Geochemical Analysis of 40 Core samples submitted APR-04-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	Zn %	S %
AT04193	7	292	112	55	0.2	88	-	0.10
AT04194	10	379	108	89	0.2	75	-	0.15
AT04195	17	300	85	7	0.1	63	-	0.06
AT04196	14	86	183	111	0.2	83	-	0.26
AT04197	<2	200	124	39	0.2	82	-	0.27
AT04198	<2	91	98	9	0.1	80	-	0.14
AT04199 Control	298	5600	201	20	0.9	3	-	4.84
AT04200	58	369	121	1	0.1	109	-	1.49
AT04201	10	444	116	1	0.1	98	-	0.92
AT04202 Control	3	1120	>20000	329	12.2	50	3.05	4.09

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-1436-RG1

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

Date: APR-19-96

We hereby certify the following Geochemical Analysis of 20 Core samples submitted APR-15-96 by .

Sample Number	Au PPB	Cu PPM	Zn PPM	Pb PPM	Ag PPM	Ni PPM	Zn %	S %
AT04203	<2	77	80	33	0.1	88	-	0.49
AT04204	<2	162	81	1	0.1	86	-	0.51
AT04205	27	70	84	2	0.1	85	-	0.45
AT04206	<2	81	121	1	0.1	110	-	0.54
AT04207	3	67	90	1	0.1	87	-	0.79
AT04208	<2	78	91	4	0.1	81	-	0.97
AT04209	<2	77	111	6	0.1	100	-	0.39
AT04210	3	56	97	2	0.1	94	-	0.53
AT04211	<2	70	99	6	0.1	86	-	0.47
AT04212	7	67	100	2	0.1	89	-	0.61
AT04213	<2	64	84	2	0.1	87	-	0.68
AT04214	<2	70	95	4	0.1	86	-	0.96
AT04215	<2	63	91	12	0.1	77	-	0.93
AT04216 Control	10	1100	>20000	328	9.5	51	3.05	4.09
AT04217	7	7	109	1	0.1	83	-	0.14
AT04218	10	59	104	8	0.1	91	-	0.41
AT04219	<2	30	86	2	0.1	76	-	0.72
AT04220	<2	108	90	10	0.1	78	-	0.42
AT04221	<2	103	95	1	0.1	75	-	0.71
AT04222	3	95	123	1	0.1	85	-	0.39

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Report of Work Conducted After Recording Claim

Mining /

Transaction Number 9680-00230	EVALUATION NO.
----------------------------------	----------------

Personal information collected on this form is obtained under the authority of this collection should be directed to the Provincial Manager, Mining Lands, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.



42A07NE0018 W9680-00230 CURRIE

900

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) FALCONBRIDGE LIMITED	Client No. 130679
Address P.O. BOX 1140, 571 MONETA AVE, TIMMINS ONTARIO P4N 7H9	Telephone No. (705) 267-1158
Mining Division LARDER LAKE	Township/Area CURRIE-BOWMAN TWP
	M or G Plan No. M-333, M-341
Dates Work Performed From: OCTOBER 16, 1995 To: MARCH 30, 1996	

Work Performed (Check One Work Group Only)

Work Group	Type
<input type="checkbox"/> Geotechnical Survey	
<input checked="" type="checkbox"/> Physical Work, Including Drilling	DIAMOND DRILLING; 9 HOLES { CUR 33-01, CUR 33-02, CUR 31-01, CUR 32-01, CUR 32-02, CUR 34-01, CUR 34-02, CUR 35-01, CUR 35-02 } 2,645m
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 158,546

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
DOMINIK DRILLING (1981) INC	1060 RUE ECHO, P.O. BOX 247, VAL D'OR, QUEBEC J9P 4P3
BENOIT DIAMOND DRILLING LTD	1701 RUE DE L'HYDRO, C.P. 815 PARC INDUSTRIEL VAL D'OR QC J9P 4P8
GARY DESCHUTTER - FALCONBRIDGE LTD	571 MONETA AVE, TIMMINS ONTARIO P4N 7H9

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date May 14/96	Recorded Holder or Agent (Signature)
--	--------------------------	--

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying GARY DESCHUTTER; P.O. BOX 1140, 571 MONETA AVE, TIMMINS, ONTARIO P4N 7H9		
Telephone No. (705) 267-1158	Date May 14/96	Certified By (Signature)

For Office Use Only

Total Value Cr. Recorded Appl.	Date Recorded 96 May 15	Mining Recorder 	Received Stamp LARDER LAKE MINING DIVISION MAY 15 1996
	Deemed Approval Date Aug 13	Date Approved 96 Aug 13	
	Date Notice for Amendments Sent		

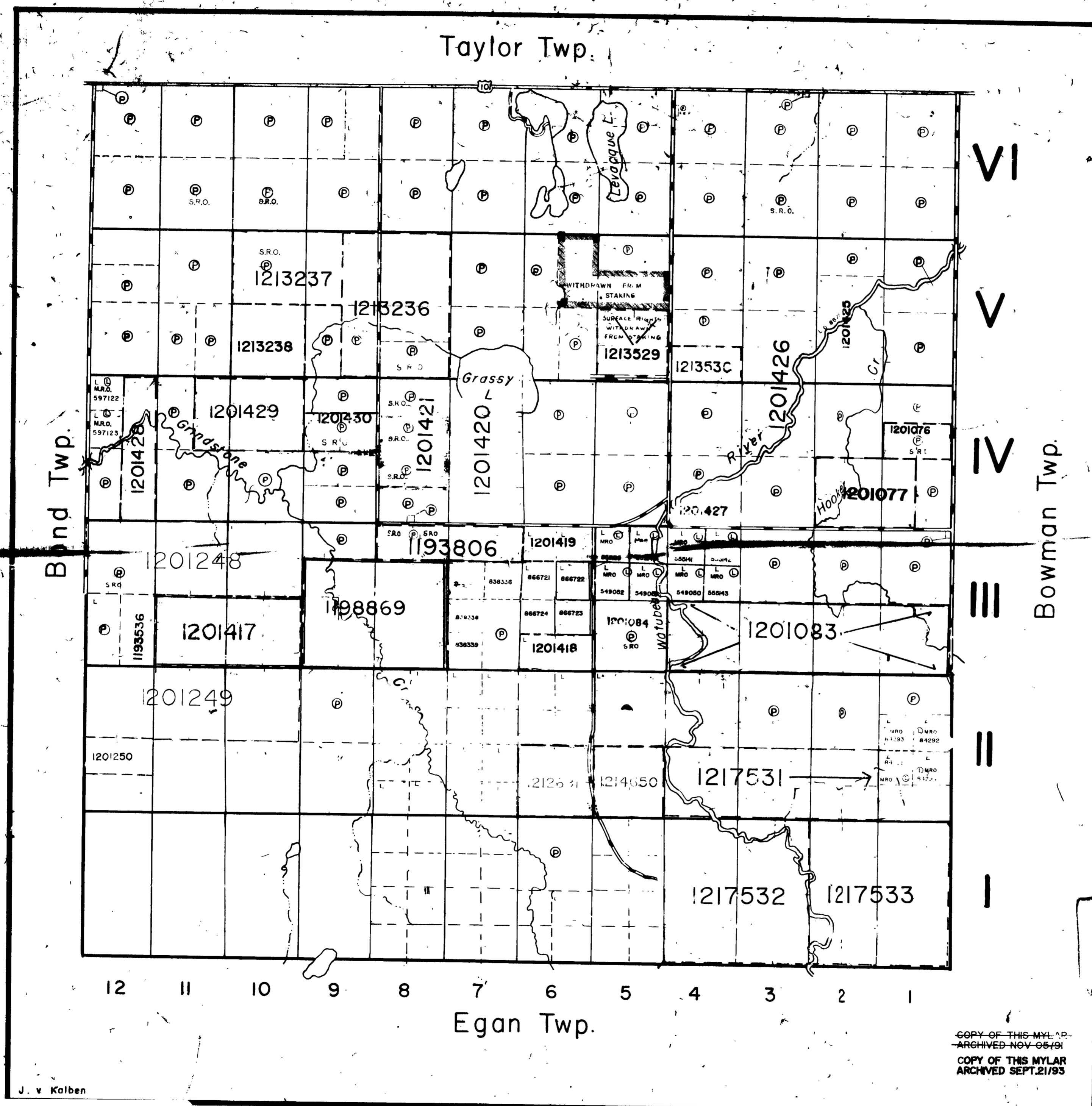
143.M

143.M

143.M

DOCUMENT No. W 9680-00230

pdrill



THE TOWNSHIP OF
OF
CURRIE
DISTRICT OF COCHRANE
LARDER LAKE MINING DIVISION
SCALE: 1-INCH=40 CHAINS.

LEGEND

- PATENTED FOR S.R.O. PATENTED LAND (P)
- CROWN LAND SALE LEASES (S or CS)
- LOCATED LAND (L)
- 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 LICENSE OF OCCUPATION

NOTES

L.O. 2672: Flooding rights to 820 a.s.l. contour.
 Filed Only application to record re-stakings of these claims under consideration.

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

400' Surface rights reservation around all lakes and rivers.

Drawn from staking under Section Mining Act (R.S.O. 1970)

DATE OF ISSUE	Date	Disposition
AUG 2 1996		

LARDER LAKE MINING DIVISION

PLAN NO.- M.341

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEY AND MAPPING BRANCH

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.

COPY OF THIS MYLAR ARCHIVED NOV. 06/91
 COPY OF THIS MYLAR ARCHIVED SEPT. 21/93

