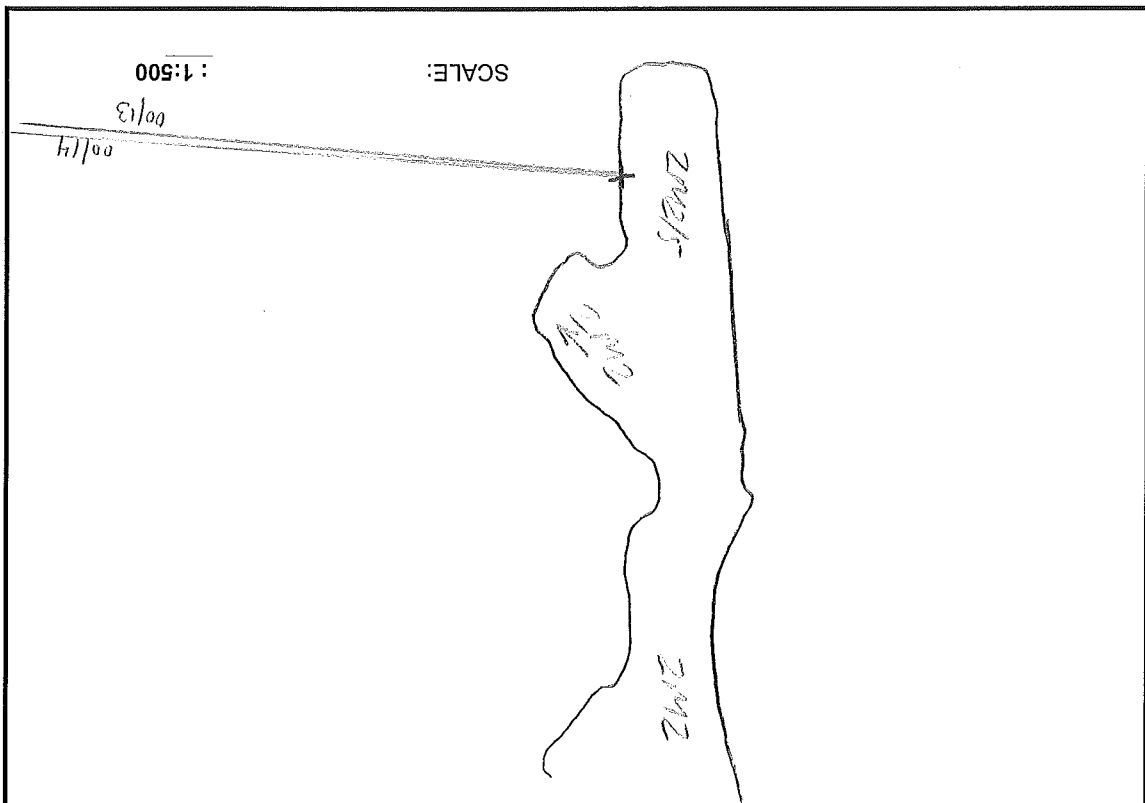


EOH UNDER GEOLOGICAL CONTROL

Comments: SURVEY AT 6m THEN EVERY 30m



LOCATION (eg. drive name)	: 2M2/5	DESIGN AZIMUTH (GRID)	: 95	DESIGN AZIMUTH (MAG)	: 90	DESIGN INCLINATION	: -12.5
LOCATION SKETCH		SURVEYED COLLAR CO-ORDINATES					
HOLE I.D.	: 00/13	EASTING	: 7859.3	NORTHING	: 1942.0	EASTING	: 7859.59
PROPOSED START DATE	: 12-Feb-00	DESIGN DEPTH	: 70m	NORTHING	: 9636.6	NORTHING	: 1940.64
ESTIMATE COLLAR CO-ORDINATES		GEOLOGIST	: MF	EASTING	: 1942.0	EASTING	: 7859.59
DESIGN DEPTH	: 70m	RL	: 9636.6	NORTHING	: 1942.0	NORTHING	: 1940.64
PROPOSED START DATE	: 12-Feb-00	RL	: 9636.6	EASTING	: 1942.0	EASTING	: 7859.59
DESIGN DEPTH	: 70m	SURVEYOR	: JM	DESIGN INCLINATION	: -12.5	DESIGN INCLINATION	: -12.5
PROPOSED START DATE	: 12-Feb-00	DESIGN AZIMUTH (MAG)	: 90	DESIGN AZIMUTH (GRID)	: 95	DESIGN AZIMUTH (MAG)	: 90
DESIGN AZIMUTH (MAG)	: 90	DESIGN AZIMUTH (GRID)	: 95	DESIGN AZIMUTH (MAG)	: 90	DESIGN AZIMUTH (GRID)	: 95

Mc ARTHUR RIVER MINING
DIAMOND DRILL HOLE PROPOSAL FORM

February 20, 2000		GEOLOGICAL LOG SHEET												GEO DATE		Stephen Pevely		HOLE PAGE		00/13		VERSION		
		MCARTHUR RIVER MINING LOWER FOLD ZONE DRILLING												20/02/00		2002/00		1 of 2		23/01/00		COMMENTS		
FROM	TO	INT	COL	WTH	CODE	G	LITHOLOGY		DOL	ALTERATION		NO	CR	CO	SCLERIDES		FAULTING		GEOLOGICAL		A1	OTH	D	A2
							LITH	TEX		VEIN	NO				MIN	PY	TYPE	NAME	REC	CORE				
7			5	3	4	1	S	3	3	4	3	3	3	3	2	3	3	3	3	4	3	3	3	3
0.00	9.20	9.20	DGY	FR	2C		H	L							M	I				LTK 48	5			
9.20	13.70	4.50	DGY	FR	2B		H	L	<1%						M	I				LTK 48	15			
13.70	14.20	0.50	DGY	FR	2A		H	L	1-5%						M	I				LTK 48	10			
14.20	14.35	0.15	YLBN	FR			H	XT	10-20%		S	S	W	S	W					LTK 48	28			
14.35	15.55	1.20	YLBN	FR	I23B		H	L							S					LTK 48	20			
15.55	21.70	6.15	LYG	FR	I23A		H	L			S	S			S					LTK 48				
21.70	22.20	0.30	DGY	FR	I23A		H	L							S					LTK 48				
22.20	22.30	0.10	GY	FR	I23A		H	L			I	I			S	W				LTK 48	18			
22.30	27.80	5.50	DBN	FR	I23A		H	L							S	S				LTK 48	5			
27.80	41.40	13.60	DBN	FR	3LD		H	L							S	S				LTK 48	20			
41.40	55.60	14.20	GYBN	FR	3LC		H	L	1-5%						S	S				LTK 48	40			
55.60	62.90	7.30	DBN	FR	I23A		H	L	5-10%		I	I			I	W				LTK 48	40			
62.90	66.25	3.35	YLBN	FR	I23A		H	L							I	W				LTK 48	60			
66.25	66.95	0.70	GY	FR	I23A		H	L							I	W				LTK 48	60			
66.95	67.40	0.45	YLBN	FR	I23A		H	L							S	M				LTK 48	65			
67.40	70.30	2.90	LYG	FR	I23B		H	L			S	S			S					LTK 48	65			
70.30	72.45	2.15	DBN	FR	I23B		H	L							S	W				LTK 48	65			
72.45	72.47	0.02	DGY	FR	I23B		H	L			S	S			S					LTK 48	65			
72.47	73.50	1.03	DBN	FR	I23B		H	L							S					LTK 48	65			
73.50	73.51	0.01	GY	FR	I23B		TP	L							S					LTK 48	65			
73.51	74.30	0.79	DBN	FR	I23C		H	L			M	M			S	W				LTK 48	70			
74.30	75.10	0.80	DGY	FR	I23D		H	L			W	W			S	M				LTK 48	70			
75.10	75.50	0.40	DGY	FR	2A		H	L							S	I				LTK 48	70			
75.50	77.10	1.60	DGY	FR	2B		H	L			S	I			S	I				LTK 48	65			
77.10	77.40	0.30	BL	FR	2B		TH	M							S	I				LTK 48	65			
77.40	79.50	2.10	DGY	FR	2C		H	L			S	I			S	I				LTK 48	65			
79.50	81.70	2.20	DGY	FR	2D		H	L			S	I			S	I				LTK 48	60			
81.70	82.30	0.60	CRGY	FR	I12A		NOD	L			I	I			M	W				LTK 48	60			
82.30	82.55	0.25	GY	FR	I12B		SL	B							M	W				LTK 48	65			
82.55	83.60	1.05	DGY	FR	I12C		H	L							M					LTK 48	70			
83.60	84.20	0.60	LYG	FR	I12D		SX20	C							W	W				LTK 48	70			
84.20	86.60	2.40	DGY	FR	1		H	L			M	M			W	W				LTK 48	65			
86.60	90.50	3.90	DGY	FR	1		H	L												LTK 48	65			
90.50	91.20	0.70	LYG	FR	1		TH	L												LTK 48	65			

black tuff 9.2-10.7
3.6 m N side down fault (loss of I23B,C,D)
speckled tuff
fissile, broken tuff
stgly folded nod. Shale
facing change in base of 3LC brecc @ approx. 46-48m
stgly contorted, broken & veined nod. Sh.
massive speckled tuff
"2.4m" tuff
"1.6m" tuff
1cm clay tuff @ 81.3
basal conc. Shale
cg. speckled lam. tuff

Mc ARTHUR RIVER MINING
DIAMOND DRILL HOLE HEADER SUMMARY SHEET

HOLE I.D.	: <u>00_13</u>	LOCATION (eg. drive name)	: <u>2M2/5</u>
GRID AZIMUTH	: <u>95</u>	DESIGN DEPTH (m)	: <u>70</u>
COLLAR INCLINATION	: <u>-12.5</u>	TOTAL DEPTH (m)	: <u>91.2</u>
<u>SURVEYED COLLAR CO-ORDINATES</u>		DATE STARTED	: <u>12/02/2000</u>
EASTING	: <u>7859.62</u>	DATE FINISHED	: <u>14/02/2000</u>
NORTHING	: <u>1940.56</u>	DRILLED BY	: <u>Boart Longyear</u>
RL	: <u>9637.04</u>	<u>CORE INTERVALS ASSAYED:</u>	
HOLE/CORE SIZE(S)	: <u>LTK 48</u>	<u>73.51-75.1</u>	<u>I23</u>
LOGGED BY	: <u>SP</u>	<u>75.1-81.7</u>	<u>2</u>
D/HOLE SURVEY METHOD	: <u>EASTMAN SS</u>	<u>81.7-84.2</u>	<u>I12</u>

LOCAL MAG. DEV. : + 5
(add to downhole survey azim. reading)

RAW DOWNHOLE SURVEY DATA

Depth (m)	Azimuth(Mag)	Dip	Depth (m)	Azimuth(Mag)	Dip
0	97	-12.3			
30	97	-12.3			
60	97	-13			
90	97.5	-13			

Surveyed Collar & Geology Entered Into Vulcan Database : April 2000
Assays Entered Into Vulcan Database : April 2000
Comments:
