

Mc ARTHUR RIVER MINING

DIAMOND DRILL HOLE HEADER SUMMARY SHEET

HOLE I.D.	: <u>00_14</u>	LOCATION (eg. drive name)	: <u>2M2 Pad</u>
GRID AZIMUTH	: <u>93.5</u>	DESIGN DEPTH (m)	: <u>140</u>
COLLAR INCLINATION	: <u>+13.5</u>	TOTAL DEPTH (m)	: <u>153.3</u>
<u>SURVEYED COLLAR CO-ORDINATES</u>		DATE STARTED	: <u>14/02/2000</u>
EASTING	: <u>7859.59</u>	DATE FINISHED	: <u>16/02/2000</u>
NORTHING	: <u>1940.64</u>	DRILLED BY	: <u>Boart Longyear</u>
RL	: <u>9636.74</u>	<u>CORE INTERVALS ASSAYED:</u>	
HOLE/CORE SIZE(S)	: <u>LTK 48</u>	<u>88.7-89.1</u>	<u>123</u>
LOGGED BY	: <u>SP</u>	<u>89.1-89.6</u>	<u>FLT</u>
D/HOLE SURVEY METHOD	: <u>EASTMAN SS</u>	<u>89.6-95.65</u>	<u>2</u>
		<u>95.65-96.65</u>	<u>112</u>

RAW DOWNHOLE SURVEY DATA

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

Depth (m)	Azimuth(Mag)	Dip	Depth (m)	Azimuth(Mag)	Dip
0	93.5	13.5			
30	93.5	13.5			
60	92.5	13.75			
90	94	13.25			
120	93.5	13			
153.3	93.5	13			

Surveyed Collar & Geology Entered Into Vulcan Database

: April 2000

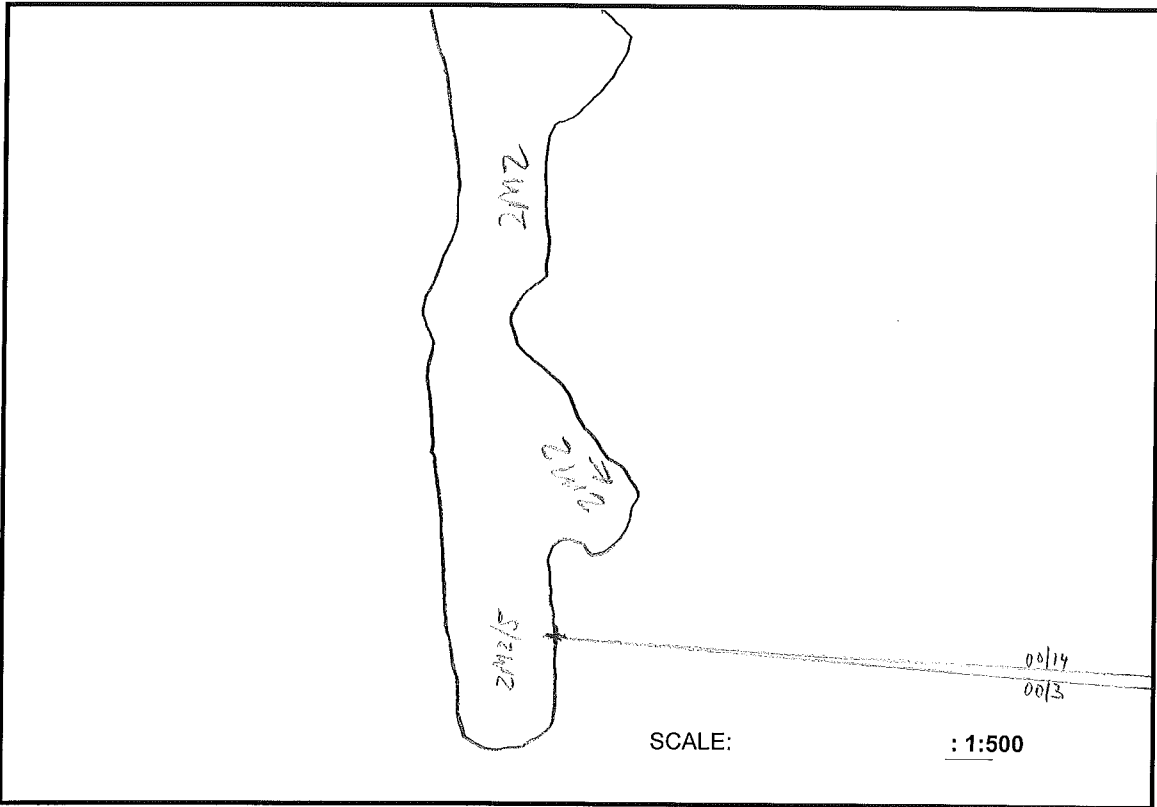
Assays Entered Into Vulcan Database

: April 2000

Comments:

Mc ARTHUR RIVER MINING
DIAMOND DRILL HOLE PROPOSAL FORM

HOLE I.D.	: <u>00/14</u>	LOCATION (eg. drive name)	: <u>2M2 PAD</u>
PROPOSED START DATE	: <u>13-Feb-00</u>	DESIGN AZIMUTH (GRID)	: <u>093.5</u>
DESIGN DEPTH	: <u>100m (140m)</u>	DESIGN AZIMUTH (MAG)	: <u>88.5</u>
<u>ESTIMATE COLLAR CO-ORDINATES</u>		DESIGN INCLINATION	: <u>+13.5</u>
EASTING	: <u>7859.3</u>	<u>SURVEYED COLLAR CO-ORDINATES</u>	
NORTHING	: <u>1942.0</u>	EASTING	: <u>7859.62</u>
RL	: <u>9636.6</u>	NORTHING	: <u>1940.56</u>
GEOLOGIST	: <u>MF</u>	RL	: <u>9637.04</u>
<u>LOCATION SKETCH</u>		SURVEYOR	: <u>JM</u>



Comments: SURVEY AT 6m THEN EVERY 30m
EOH UNDER GEOLOGICAL CONTROL

FROM	TO	INT	COL	WTH	CODE	G	LITHOLOGY		ALTERATION		STRUCTURES		FAULTING		GEOLOGICAL		HOLE	VERSION	
							LITH	TEXT	VEIN	NO	CR	CO	PY	MIN	TYPE	NAME			REC
7			5	3	2C	1	H	L											
0.00	2.05	2.05	DGY	FR	2C		H	L											
2.05	5.10	3.05	DGY	FR	2B		H	L											
5.10	5.40	0.30	DGY	FR	2A		H	L											
5.40	7.70	2.30	Y1BN	FR	12B0		H	L											
7.70	9.99	2.29	Y1BN	FR	12B0		H	L											
9.99	10.00	0.01	GY	FR	12B8		TP	L											
10.00	10.90	0.90	Y1BN	FR	12B8		H	L											
10.90	10.91	0.01	GY	FR	12B8		TP	L											
10.91	12.35	1.44	GY	FR	12B8		H	L											
12.35	15.80	3.45	DGY	FR	FL1		TH	M											
15.80	15.95	0.15	DGY	FR	31D		H	L											
15.95	17.85	1.90	DGY	FR	31C		GB	M											
17.85	19.15	1.30	DGY	FR	31C		GB	M											
19.15	21.85	2.70	DGY	FR	31C		H	L											
21.85	23.85	2.00	GY	FR	31B		TH	M											
23.85	28.85	5.00	DGY	FR	31B		H	L											
28.85	32.80	3.95	GYBN	FR	31A		H	L											
32.80	36.25	3.45	DGY	FR	31B		SL	M											
36.25	41.05	4.80	Y1BN	FR	31A		H	L											
41.05	50.20	9.15	DGY	FR	31A		H	L											
50.20	53.00	2.80	Y1BN	FR	31A		H	L											
53.00	55.30	2.30	DGY	FR	31B		SL	M											
55.30	58.10	2.80	DGY	FR	31A		H	L											
58.10	61.60	3.50	DGY	FR	31B		H	L											
61.60	63.10	1.50	DBN	FR	31C		TH	M											
63.10	68.25	5.15	DBN	FR	31C		H	L											
68.25	69.50	1.25	GY	FR	31C		GB	M											
69.50	71.05	1.55	GY	FR	31C		GB	M											
71.05	72.70	1.65	DGY	FR	31D		SL	C											
72.70	76.50	3.80	Y1BN	FR	123A		H	L											
76.50	78.80	2.30	DGY	FR	123A		TH	M											
78.80	81.80	3.00	Y1BN	FR	123A		H	L											
81.80	88.65	6.85	DGY	FR	123B		TH	M											
88.65	88.70	0.01	DGY	FR	123B		H	L											
88.70	89.10	0.40	DGY	FR	123B		TH	L											
89.10	89.60	0.50	GY	FR	FL1		X	L											
89.60	90.45	0.85	DGY	FR	2B		H	L											
90.45	92.30	1.85	DGY	FR	2C		H	L											
92.30	95.85	3.55	DGY	FR	2D		H	L											
95.85	95.80	0.15	GY	FR	112A		MOD	L											
95.80	95.90	0.10	GY	FR	112B		SL	B											
95.90	96.40	0.50	BL	FR	112C		H	L											
96.40	96.65	0.25	GY	FR	112D		SL	C											
96.65	103.40	6.75	DGY	FR	0		H	L											
103.40	103.60	0.20	GY	FR	112C		SL	C											
103.60	103.80	0.20	BL	FR	112C		H	L											
103.80	103.80	0.00	GY	FR	112B		SL	B											
103.80	104.15	0.35	GY	FR	112A		MOD	L											
104.15	106.50	2.35	DGY	FR	2D		H	L											
106.50	107.00	0.50	GY	FR	112A		MOD	L											
107.00	107.20	0.20	BL	FR	112C		H	L											
107.20	107.70	0.50	GY	FR	112D		SL	C											
107.70	108.10	0.40	BL	FR	112C		H	L											
108.10	108.40	0.30	GY	FR	112D		SL	C											
108.40	116.00	7.60	BL	FR	0		H	L											
116.00	121.00	5.00	GNBL	FR	WRS		H	L											
121.00	126.00	5.00	GNBL	FR	WRS		H	L											
126.00	131.00	5.00	GNBL	FR	WRS		H	L											
131.00	136.00	5.00	GNBL	FR	WRS		H	L											
136.00	141.00	5.00	GNBL	FR	WRS		H	L											
141.00	145.40	4.40	GNBL	FR	WRS		H	L											
145.40	147.00	1.60	GNBL	FR	WRS		SL	C											
147.00	153.30	6.30	GNBL	FR	WRS		H	L											

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123A 31D faulted out. Fil normal to CA?

31A chert @ 40.0
fold axis at approx 47-48m

slightly folded nod sh.

speckled turf

slightly folded upper 123B
thin fissile clay turf

fil vein set striking 065 dipping steeply SE
123C, 123D, top of #2 old faulted out

2D thickened due to folding

fold @ 96.77

fil conc bl sh & speckled turfs

fold @ 105.55

112B missing

Bl sh with concolomite blocks

slightly crenulated bedding/foliation

ditto

fold frags in bl sh (down facing?)
Bl sh with concolomite blocks ECH

