

# Mc ARTHUR RIVER MINING

## DIAMOND DRILL HOLE HEADER SUMMARY SHEET

HOLE I.D.	<u>98/6</u>	LOCATION (eg.drive name)	<u>:2E4</u>
GRID AZIMUTH	<u>:261</u>	DESIGN DEPTH (m)	<u>:88</u>
COLLAR INCLINATION	<u>:46</u>	TOTAL DEPTH (m)	<u>:113.10</u>
<u>SURVEYED COLLAR CO-ORDINATES</u>		DATE STARTED	<u>:12/02/98</u>
EASTING	<u>:7255.218</u>	DATE FINISHED	<u>:14/02/98</u>
NORTHING	<u>:2364.396</u>	DRILLED BY	<u>:LONGYEAR</u>
RL	<u>:9858.125</u>	<u>CORE INTERVALS ASSAYED:</u>	
HOLE/CORE SIZE(S)	<u>:LTK-48</u>	<u>88.50-97.95 (I23)</u>	
LOGGED BY	<u>:MSF</u>	<u>97.95-100.70 (2)</u>	
D/HOLE SURVEY METHOD	<u>:EASTMAN SS</u>	<u>100.70-104.51 (I12)</u>	
		LOCAL MAG. DEV.	<u>: + 5</u>
		(add to downhole survey azim. reading)	

RAW DOWNHOLE SURVEY DATA

Depth (m)	Azimuth(Mag)	Dip	Depth (m)	Azimuth(Mag)	Dip
10	259	46	113.1	261	44
30	259	46.8			
60	260	45.9			
90	260	45			

ASSAY SUMMARY

O/B	TT	Zn%	Pb%	Ag g/t	Fe%
I2/3	4.8	6.5	1.8	22	11.4
<b>#2</b>	<b>1.5</b>	<b>20.4</b>	<b>8.7</b>	<b>98</b>	<b>4.2</b>
I1/2	2.1	1.3	0.6	9	6.2

Surveyed Collar & Geology Entered Into Micromine Database

: SP 06/04/98

Assays Entered Into Micromine Database

: SP 17/04/98

Surveyed Collar & Geology Transferred Into Vulcan Database

: SP 18/04/98

Assays Transferred Into Vulcan Database

: SP 18/04/98

**Comments:** SUCCESSFULLY INTERSECTED #2OB WITHIN THE HINGE ZONE, THOUGH  
WITH REDUCED THICKNESS  
VAN RUTH SSG PACKER @ 35M DEPTH

# Mc ARTHUR RIVER MINING

## DIAMOND DRILL HOLE PROPOSAL FORM

HOLE I.D. : 98/6

LOCATION (eg.drive name) : 2E4

PROPOSED START DATE : 4/2/98

DESIGN AZIMUTH : 261

DESIGN DEPTH : 88m

DESIGN INCLINATION : +46°

ESTIMATE COLLAR CO-ORDINATES

SURVEYED COLLAR CO-ORDINATES

NORTHING : 2366

NORTHING : 2364.396

EASTING : 7256

EASTING : 7255.218

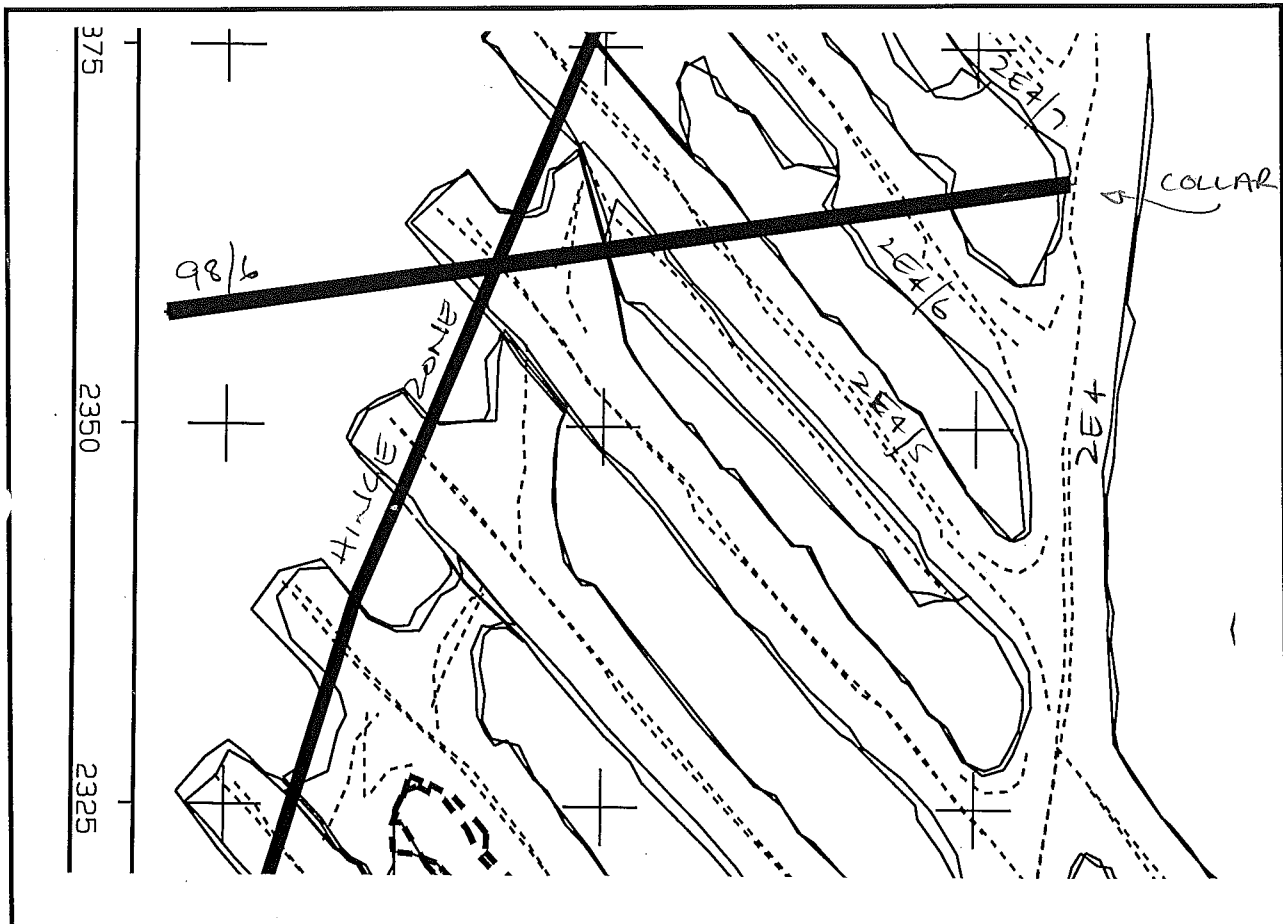
RL : 9858

RL : 9858.125

GEOLOGIST : DN.

SURVEYOR : jason

LOCATION SKETCH



Comments: 1:500  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**McARTHUR RIVER MINING GEOLOGICAL LOG SHEET**

GEO DATE 15/2/98  
 HOLE PAGE 98/6 1 of 3  
 VERSION 16/01/95

TO	COL	WTH	CODE	G	LITHOLOGY			ALTERATION			SPLINDS			FAULTING			GROTECHNICAL			STRUCTURE			COMMENTS		
					LITH	TEX	DOL	VEIN	NO	CR	CO	PY	MIN	TYPE	NAME	Q	OXJ	REC	CORE	CUT	DEPTH	BCA		A1	OTH
5	53	67	FR	1	SH	L																			
6	15	67		1	SH	L																			
6	20	67		1	TH	B																			
6	28	67		1	SH	L																			
6	76	67		1	TR	L																			
6	85	67		1	TH	B																			
10	76	67		1	SH	L																			
10	70	67		1	SH	L																			
10	96	67		1	SK50	C																			
11	30	67		1	SH	L																			
11	37	67		1	TR	L																			
12	60	67		1	SH	L																			
12	68	67		1	SH	L																			
15	30	67		1	SH	L																			
15	40	67		1	TH	B																			
15	50	67		1	TR	L																			
15	60	67		1	TH	B																			
15	65	67		1	TR	L																			
15	80	67		1	TH	B																			
18	55	67		1	SH	L																			
18	75	67		1	SKOT	B																			
18	80	67		1	SH	L																			
18	85	67		1	SH	L																			
19	16	67		1	SH	L																			
19	25	67		1	TH	B																			
19	55	67		1	SH	L																			
20	84	67		1	SK50	D																			
21	64	67		1	SH	L																			
22	15	67		1	TH	B																			
22	30	67		1	SH	L																			
23	30	67		1	SH	L																			
23	50	67		1	SH	L																			
23	65	67		1	SH	L																			
24	40	67		1	SH	L																			
25	30	67		1	SH	L																			
26	10	67		1	TH	B																			
26	30	67		1	SH	L																			
27	30	67		1	TH	B																			
27	67	67		1	SH	L																			
29	10	67		1	TH	B																			
30	60	67		1	SH	L																			
31	30	67		1	FA	C																			
32	93	67		1	TH	B																			
32	93	67		1	SH	L																			
32	20	67		1	SK50	B																			

Some TP towards within  
 some trace of disseminated small  
 small gravel beds.

CO2 in hole at depth

cracks to size of hair

Some clay bands

Strong CO2 release  
 during zone above in row

Bedding in row

Some 70

McARTHUR RIVER MINING GEOLOGICAL LOG SHEET

GEO DATE MSP 11/21/95 HOLE PAGE 42/6 2 of 3 VERSION 16/01/95

COMMENTS

TO	7	COL	WITH	CODE	G	LITHOLOGY		DOL	ALTERATION		CR	SULPHIDES		MIN	FAULTING		Q	OXJ	GEOLOGICAL			STRUCTURE			COMMENTS			
						LITH	TEX		VEIN	NO		CO	PY		TYPE	NAME			REC	CORE	CUT	DEPTH	BCA	A1		OTH	D	A2
33	85	AY	ER	3L	1	SH	L	3	3	3	3	M	M	3	3	3	3	3	3	3	3	3	3	3	30			
33	90	OR				TP	L																					
37	75	BT				SH	L																					
38	35	WY				TP	L																					
41	00	BY				SH	L																					
41	15	BY				SH	L																					
41	70	BY				SH	L																					
41	77	BY				SH	L																					
41	85	BY				SH	L																					
42	05	BY				SH	L																					
43	65	BY				SH	L																					
43	70	BY				TP	L																					
44	5	BY				SH	L																					
44	55	BY				SH	L																					
44	75	BY				SH	L																					
56	20	BY				SH	L																					
61	00	BY				SH	L																					
71	60	BY				SH	L																					
75	00	BY				SH	L																					
78	24	BY				SH	L																					
79	40	BY				SH	L																					
79	50	BY				SH	L																					
80	35	BY				SH	L																					
80	55	BY				SH	L																					
80	75	BY				SH	L																					
80	85	BY				TP	L																					
82	20	BY				SH	L																					
82	30	BY				SH	L																					
82	30	BY				SH	L																					
82	70	BY				SH	L																					
83	15	BY				SH	L																					
86	75	BY				SH	L																					
86	90	BY				TP	L																					
87	15	BY				SH	L																					
87	25	BY				TP	L																					
87	40	BY				SH	L																					
87	80	BY				SH	L																					
87	80	BY				TP	L																					
87	80	BY				SH	L																					
88	50	BY				SH	L																					
90	40	BY				SH	L																					
92	30	BY				SH	L																					
92	30	BY				SH	L																					
92	40	BY				TP	L																					
94	30	BY				SH	L																					
94	85	BY				SH	L																					
97	75	BY				SH	L																					
98	2	BY				SH	L																					
99	75	BY				SH	L																					

Number of 84+86 for 10cm each

24W marker  
24  
21  
25





*M.R.M.* CORES #024098 - 024108#

CREATED AT :- 8:33 AM FRI., 17 APR., 1998  
PRINTED AT :- 9:24 AM FRI., 17 APR., 1998  
CHEM LAB\XRF\REPORT.XRF MISC  
ALL RESULTS ARE REPORTED IN PERCENT

*ATTN - DIMITRIEN NIHILL*

Core Sample (Hilton) H 024098 <SR1>

PB.....	1.70
ZN.....	7.12
CU.....	0.057
FE.....	10.3
CAO.....	13.7
S.....	11.9
SI02...	16.6
AL203..	3.18
MGO.....	8.08
AS.....	0.079
CO.....	0.002
SB.....	0.021

*Ag = 20*

*98/6*

Core Sample (Hilton) H 024099 <SR1>

PB.....	1.91
ZN.....	6.08
CU.....	0.063
FE.....	12.1
CAO.....	9.98
S.....	14.2
SI02...	23.0
AL203..	4.32
MGO.....	6.45
AS.....	0.097
CO.....	0.001
SB.....	0.029

*Ag = 20*

*230*

Core Sample (Hilton) H 024100 <SR1>

PB.....	9.53
ZN.....	23.6
CU.....	0.37
FE.....	3.69
CAO.....	1.30
S.....	16.1
SI02...	25.4
AL203..	6.77
MGO.....	1.60
AS.....	0.125
CO.....	0.003
SB.....	0.052

*Ag = 100*

Core Sample (Hilton) H 024101 <SR1>

PB.....	8.37
ZN.....	21.2
CU.....	0.35
FE.....	4.27
CAO.....	1.82
S.....	14.4
SI02...	26.9
AL203..	6.97
MGO.....	2.02

*Ag = 90*



MGO.....	2.08
AS.....	0.117
CO.....	0.002
SB.....	0.051

## Core Sample (Hilton)

H 024102 &lt;SR1&gt;

PB.....	8.11
ZN.....	19.5
CU.....	0.34
FE.....	4.63
CAO.....	1.94
S.....	14.1
SIO2...	29.4
AL2O3..	6.66
MGO.....	2.11
AS.....	0.26
CO.....	0.002
SB.....	0.054

*Ag = 100*

## Core Sample (Hilton)

H 024103 &lt;SR1&gt;

PB.....	9.20
ZI.....	20.1
CU.....	0.20
FE.....	3.74
CAO.....	1.95
S.....	14.2
SIO2...	28.7
AL2O3..	6.41
MGO.....	1.91
AS.....	0.121
CO.....	0.001
SB.....	0.050

*Ag = 100*

## Core Sample (Hilton)

H 024104 &lt;SR1&gt;

PB.....	0.99
ZN.....	3.54
CU.....	0.003
FE.....	6.33
CA.....	15.7
S.....	6.00
SIO2...	20.1
AL2O3..	4.61
MGO.....	9.92
AS.....	0.013
SB.....	0.027

*Ag = 10**12A*

## Core Sample (Hilton)

H 024105 &lt;SR1&gt;

PB.....	0.58
ZN.....	0.69
CU.....	0.121
FE.....	4.09
CAO.....	14.0
S.....	3.56
SIO2...	33.4
AL2O3..	5.60
MGO.....	8.95
AS.....	0.012
SB.....	0.045

*Ag = 8*

## Core sample (Hilton)

H 024106 &lt;SR1&gt;

PB..... 0.80  
 ZN..... 2.35  
 CU..... 0.066  
 FE..... 14.2  
 CAO..... 4.25  
 S..... 15.4  
 SIO2... 33.4  
 AL2O3.. 8.21  
 MGO..... 3.66  
 AS..... 0.081  
 CO..... 0.001  
 SB..... 0.047

*Ag - 16*

Core Sample (Hilton)

H 024107 <SR1>

*98/6*

PB..... 0.35  
 ZN..... 0.85  
 CU..... 0.010  
 FE..... 3.11  
 CAO..... 14.7  
 S..... 1.64  
 SIO2... 32.8  
 AL2O3.. 5.29  
 M..... 9.51  
 AS..... 0.001  
 SB..... 0.037

*Ag - 6*

Core Sample (Hilton)

H 024108 <SR1>

PB..... 7.41  
 ZN..... 14.0  
 CU..... 0.33  
 FE..... 15.0  
 CAO..... 2.69  
 S..... 23.1  
 SIO2... 19.2  
 AL2O3.. 4.21  
 MGO..... 2.09  
 AS..... 0.189  
 CO..... 0.003  
 SB..... 0.050

*Ag - 74*

*98/10*