

# DEFIANCE MINING NL - MATHINNA PROJECT - REVERSE CIRCULATION DRILL HOLE LOG

Prospect	New Golden Gate	Geologist	D G Jackson	Easting	574441.1m	Hole No	RC98MT036
Date Commenced	11.11.98	Drillers	Diamond Drill Tas	Northing	5046745.8m	Azimuth	270 AMG
Date Completed	12.11.98	Hole Depth	79m	RL	313m	Inclination	55

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	ybr	Siltstone, weathered & Clay			0		0	2	105514
1	2	ybr	Siltstone, weathered			0.5	w	2	4	105515
2	3	ybr	Siltstone, weathered			1	w fe	4	6	105516
3	4	lbr	Siltstone, weathered			0		6	8	105517
4	5	lbr	Siltstone, weathered			0		8	10	105518
5	6	lbr	Siltstone, weathered			0		10	12	105519
6	7	lbr	Siltstone, weathered			0		12	14	105520
7	8	lbr	Siltstone, weathered			0		14	16	105521
8	9	ybr	Siltstone, weathered			0		16	18	105522
9	10	ybr	Siltstone, weathered			2	w fe	18	20	105523
10	11	ybr	Siltstone, weathered			0		20	22	105524
11	12	lbr	Siltstone, weathered			0		22	24	105525
12	13	lbr	Siltstone, weathered			0		24	26	105526
13	14	lbr	Siltstone, weathered			0		26	28	105527
14	15	lgr&br	Siltstone, weathered			0		28	30	105528
15	16	lgr	Siltstone, partly weathered			0				
16	17	lgr	Siltstone, partly weathered			0				
17	18	lgr	Siltstone, fresh			20	w			
18	19	lgr	Siltstone, fresh			0				
19	20	lgr	Siltstone, fresh			0.5	w			
20	21	lgr	Sandstone, fg & minor Siltstone			0.5	w			
21	22	lgr	Siltstone & Sandstone, fg, fresh			30	w			
22	23	lgr	Sandstone, fg & Siltstone, fresh	Tr py		5	w			
23	24	lgr	Sandstone, fg & Siltstone, fresh			5	w			
24	25	lgr	Siltstone & Sandstone, fg, fresh			1	w			
25	26	lgr	Siltstone & Sandstone, fg, fresh	Damp	Tr py	2	w			
26	27	lgr	Siltstone & Sandstone, fg, fresh			5	w			
27	28	lgr	Siltstone & Sandstone, fg, fresh			5	w			
28	29	lgr	Siltstone, fresh			2	w			
29	30	lgr	Siltstone & Sandstone, fg, fresh			1	w			

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Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone & Sandstone, fg, fresh			30	w	30	32	105529
31	32	lgr	Siltstone & Sandstone, fg, fresh			2	w	32	34	105530
32	33	lgr	Siltstone, fresh			2	w	34	36	105531
33	34	lgr	Siltstone & Sandstone, fg, fresh			0		36	38	105532
34	35	lgr	Siltstone, fresh			2	w	38	40	105533
35	36	lgr	Siltstone, fresh			1	w	40	42	105534
36	37	l&dgr	Siltstone, fresh			1	w	42	44	105535
37	38	lgr	Siltstone & Sandstone, fg, fresh			0		44	46	105536
38	39	lgr	Siltstone & Sandstone, fg, fresh			0.5	w	46	48	105537
39	40	lgr	Siltstone & Sandstone, fg, fresh			1	w	48	50	105538
40	41	lgr	Siltstone & Sandstone, fg, fresh			0		50	52	105539
41	42	lgr	Siltstone & minor sandstone, fg, fresh	Tr py		1	w	52	54	105540
42	43	lgr	Siltstone, fresh	Tr py		0.5	w	54	56	105541
43	44	lgr	Siltstone & minor sandstone, fg, fresh			0		56	58	105542
44	45	l&dgr	Siltstone, fresh			0		58	60	105543
45	46	lgr	Siltstone, fresh			1	w			
46	47	l&dgr	Siltstone, fresh			2	w			
47	48	l&dgr	Siltstone & minor sandstone, fg, fresh	Tr py		0.5	w			
48	49	lgr	Siltstone, fresh			1	w			
49	50	lgr	Siltstone & minor sandstone, fg, fresh			0				
50	51	lgr	Siltstone, fresh			0				
51	52	lgr	Siltstone, fresh			0				
52	53	l&dgr	Siltstone, fresh			0				
53	54	lgr	Siltstone & Sandstone, fg, fresh			0				
54	55	l&dgr	Siltstone, fresh			0				
55	56	l&dgr	Siltstone, fresh			3	w			
56	57	lgr	Siltstone, fresh			0				
57	58	lgr	Siltstone, fresh			0				
58	59	l&dgr	Siltstone, fresh			0				
59	60	l&dgr	Siltstone, fresh			0				

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
60	61	l&dgr	Siltstone, fresh			0		60	62	105544
61	62	lgr	Siltstone, fresh			0.5	w	62	64	105545
62	63	lgr	Siltstone, fresh			0		64	66	105546
63	64	lgr	Siltstone & minor sandstone, fg, fresh			0		66	68	105547
64	65	l&dgr	Siltstone, fresh			0		68	70	105548
65	66	l&dgr	Siltstone & minor sandstone, fresh	Tr py		1	w	70	71	105549
66	67	lgr	Siltstone, fresh			0		71	72	105550
67	68	l&dgr	Siltstone, fresh			0.5	w	72	74	105551
68	69	lgr	Siltstone, fresh	Tr py		5	w	74	76	105552
69	70	lgr	Siltstone & minor sandstone, fresh			2	w	76	79	105553
70	71	l&dgr	Siltstone & minor sandstone, fresh	2% py		10	w			
71	72	lgr	Siltstone, fresh	2% py		15	w			
72	73	l&dgr	Siltstone, fresh			0				
73	74	lgr	Siltstone, fresh			0				
74	75	lgr	Siltstone, fresh			0				
75	76	lgr	Siltstone, fresh			0				
76	77	d&lgr	Siltstone, fresh	Tr py		0				
77	78	d&lgr	Siltstone, fresh	Tr py		0				
78	79	lgr	Siltstone, fresh			0				
79	80									
80	81		EOH at 79m							
81	82									
82	83									
83	84									
84	85									
85	86									
86	87									
87	88									
88	89									
89	90									

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