

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

Aspect	New Golden Gate	Geologist	DG Jackson	Easting	574550m	Hole No	RC99MT053
Date Commenced	20.6.99	Drillers	Diamond Drill Tas	Northing	5406765m	Azimuth	270 AMG
Date Completed	21.6.99	Hole Depth	67m	RL	307.7m	Inclination	55

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1		No Recovery					2	4	106583
1	2	rbr	Tailings - Very small sample			0		4	6	106584
2	3	br	Tailings & Clay			0		6	7	106585
3	4	br	Tailings, Clay & Transported O/B			0		7	8	106586
4	5	br	Clay			0		8	9	106587
5	6	br	Clay, minor weathered siltstone			1	w fe	9	10	106588
6	7	br	Clay, minor weathered siltstone			2	w fe	10	11	106589
7	8	br	Siltstone, weathered	1 vg		95	fe w	11	12	106590
8	9	br	Siltstone, weathered	1 vg?		95	fe w	12	13	106591
9	10	dbr	Siltstone, weathered	5 vg		90	w fe	13	14	106592
10	11	br	Siltstone, weathered	1 vg (tiny)		40	fe w	14	16	106593
11	12	br	Siltstone, weathered			20	w fe	16	8	106594
12	13	br	Siltstone, partly weathered	0.5% asp/py 1 vg		90	w fe gr	18	20	106595
13	14	lgr	Siltstone, minor weathering			3	w	20	22	106596
14	15	lgr	Siltstone, minor weathering	Tr py		0		22	24	106597
15	16	lgr	Siltstone, minor weathering	Tr py		0		24	26	106598
16	17	lgr	Siltstone, minor weathering			1	fe w	26	27	106599
17	18	lgr	Siltstone, minor weathering	Trpy		1	fe w	27	28	106600
18	19	lgr	Siltstone, minor weathering			1	fe w	28	30	106601
19	20	lgr	Siltstone, fresh			0				
20	21	lgr	Siltstone, fresh			3	w			
21	22	lgr	Siltstone & Sandstone, fg, fresh			3	w			
22	23	lgr	Siltstone, fresh			0				
23	24	lgr	Siltstone, fresh			0				
24	25	lgr	Siltstone, fresh			0				
25	26	lgr	Sandstone, fg & Siltstone, fresh			0				
26	27	lgr	Siltstone & Sandstone, fg, fresh			20	w			
27	28	lgr	Siltstone & Sandstone, fg, fresh			70	w			
28	29	lgr	Siltstone & Sandstone, fg, fresh			2	w			
29	30	lgr	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, fresh			5	w	30	31	106602
31	32	lgr	Siltstone & Sandstone, fg, fresh	0.5% py	Py spotting	60	w	31	32	106603
32	33	lgr	Siltstone, fresh		Py spotting	1	w	32	34	106604
33	34	lgr	Siltstone, fresh			1	w	34	36	106605
34	35	lgr	Siltstone, fresh			0	w	36	38	106606
35	36	lgr	Siltstone & Sandstone, fg, fresh			3	w	38	40	106607
36	37	lgr	Siltstone, fresh			1	w	40	42	106608
37	38	lgr	Siltstone, fresh	Tr py		5	w	42	44	106609
38	39	lgr	Siltstone, fresh			0		44	46	106610
39	40	lgr	Siltstone, fresh		Py spotting	3	w gr	46	47	106611
40	41	lgr	Siltstone, fresh			1	w	47	48	106612
41	42	lgr	Siltstone, fresh			0		48	49	106613
42	43	lgr	Siltstone, fresh			0		49	50	106614
43	44	lgr	Siltstone, fresh			0		50	51	106615
44	45	lgr	Siltstone, fresh			0		51	52	106616
45	46	lgr	Siltstone, fresh			0.5	w	52	53	106617
46	47	lgr	Siltstone, fresh	0.5% py		3	w	53	54	106618
47	48	lgr	Siltstone, fresh	0.5%cg asp/py		3	w	54	55	106619
48	49	lgr	Siltstone, fresh	0.5%cg asp/py		5	w	55	56	106620
49	50	l&dgr	Siltstone, fresh	Tr py		5	w	56	58	106621
50	51	l&dgr	Siltstone & minor sandstone, fg, fresh	0.5% py		2	w	58	60	106622
51	52	lgr	Siltstone, fresh	1% py/asp		30	w gr			
52	53	lgr	Siltstone, fresh	1% py		30	w gr			
53	54	lgr	Siltstone, fresh	0.5% py		30	w gr			
54	55	lgr	Siltstone, fresh	0.5% py		40	w			
55	56	lgr	Siltstone & Sandstone, fg, fresh	Tr py		20	w			
56	57	lgr	Siltstone, fresh		Py spotting	1	w			
57	58	lgr	Siltstone, fresh		Py spotting	0				
58	59	lgr	Siltstone, fresh			0				
59	60	lgr	Siltstone & Sandstone, fg, fresh			0				

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