

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

Prospect	New Golden Gate	Geologist	D G Jackson	Easting	574454.4m	Hole No	RC98MT041
Date Commenced	17.11.98	Drillers	Diamond Drill Tas	Northing	5406585.9m	Azimuth	70 AMG
Date Completed	18.11.98	Hole Depth	79m	RL	327.3m	Inclination	50

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr	Siltstone, weathered			3	w fe	0	2	105763
1	2	lbr	Siltstone, weathered			0.5	w fe	2	4	105764
2	3	lbr	Siltstone, weathered			5	w fe	4	5	105765
3	4	lbr	Sandstone, fg & Siltstone, weathered			1	w fe	5	6	105766
4	5	lbr	Siltstone, weathered			80	w fe	6	8	105767
5	6	lbr	Siltstone, weathered	very fe qtz		70	fe w	8	10	105768
6	7	lbr	Siltstone, weathered			10	fe w	10	11	105769
7	8	lbr	Siltstone & Sandstone, fg, weathered			5	fe w	11	12	105770
8	9	lbr	Siltstone, weathered			1	fe w	12	13	105771
9	10	lbr	Siltstone, weathered			1	w fe	13	14	105772
10	11	lbr	Siltstone & Sandstone, fg, weathered	very fe qtz		70	fe w	14	16	105773
11	12	lbr	Siltstone, weathered			5	fw	16	17	105774
12	13	lbr	Siltstone, weathered	very fe qtz		60	f	17	18	105775
13	14	lbr	Sandstone, fg & Siltstone, weathered			3	f	18	19	105776
14	15	lbr	Open Stope - No Sample					19	21	105777
15	16	lbr	Open Stope to 15.5m, Siltstone, weathered thereafter			80	w fe	21	23	105778
16	17	ybr	Siltstone, weathered			80	w fe	23	24	105779
17	18	ybr	Siltstone, weathered			95	fe w	24	26	105780
18	19	ybr	Siltstone & Sandstone, fg, weathered			40	w fe	26	28	105781
19	20	lbr	Sandstone, fg & Siltstone, weathered			10	w fe	28	30	105782
20	21	lbr	Siltstone & Sandstone, fg, weathered			1	w fe			
21	22	lbr	Sandstone, fg & Siltstone, weathered			1	ww			
22	23	lbr	Sandstone, fg & Siltstone, weathered			1	w			
23	24	lbr&gr	Siltstone, weathered	0.5% asp/py		70	gr w			
24	25	lbr	Sandstone, fg & minor siltstone, weathered			1	w fe			
25	26	lgr&br	Sandstone, fg, partly weathered			0				
26	27	lgr	Sandstone, fg, partly weathered			3	w fe			
27	28	lgr	Sandstone, fg, minor weathering			2	w			
28	29	lgr	Sandstone, fg, minor weathering			10	w			
29	30	lgr	Sandstone, fg & Siltstone, fresh			1	w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Sandstone, fg & Siltstone, fresh	Tr asp		10	w gr	30	31	105783
31	32	lgr	Sandstone, fg & Siltstone, fresh	Tr asp		80	w gr	31	32	105784
32	33	lgr	Siltstone & Sandstone, fg, fresh	0.5% asp		60	w gr	32	33	105785
33	34	lgr	Siltstone & Sandstone, fg, fresh	Tr py		1	w	33	35	105786
34	35	lgr	Siltstone & Sandstone, fg, fresh			1	w	35	37	105787
35	36	lgr	Sandstone, fg, fresh			5	w	37	39	105788
36	37	lgr	Sandstone, fg, fresh			1	w	39	4	105789
37	38	lgr	Sandstone, fg, fresh			0		41	43	105790
38	39	lgr	Sandstone, fg & Siltstone, fresh	Tr py		2	w	43	46	105791
39	40	lgr	Sandstone, fg & Siltstone, fresh	Tr py		2	w	46	47.5	105792
40	41	l&dgr	Siltstone, fresh	Tr py		5	w	52	54	105793
41	42	lgr	Sandstone, fg, fresh			1	w	54	56	105794
42	43	lgr	Sandstone, fg, fresh	Tr py		0.5	w	56	57	105795
43	44	lgr	Sandstone, fg & Siltstone, fresh	Tr py		2	w	57	58	105796
44	45	lgr	Sandstone, fg, fresh	Tr py		0		58	60	105797
45	46	l&dgr	Sandstone, fg & Siltstone, fresh			0				
46	47	lgr	Sandstone, fg, fresh			0				
47	48	lgr	Sandstone, fg & Siltstone, fresh - Open Stope at 47.5m	Tr py		2	w			
48	49		Open Stope							
49	50		Open Stope							
50	51		Open Stope							
51	52		Open Stope							
52	53	lgr	Sandstone, fg & Siltstone, fresh			0				
53	54	lgr	Sandstone, fg & Siltstone, fresh			1	w			
54	55	lgr	Sandstone, fg & Siltstone, fresh	Tr py		2	w			
55	56	lgr	Sandstone, fg & Siltstone, fresh	Tr py		3	w			
56	57	lgr	Sandstone, fg & Siltstone, fresh	0.5% py		5	w			
57	58	lgr	Sandstone, fg, fresh	Tr py/asp		3	w			
58	59	lgr	Sandstone, fg & Siltstone, fresh			0				
59	60	lgr	Siltstone and minor sandstone, fresh			0				

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
60	61	lgr	Siltstone and minor sandstone, fresh			1	w	60	62	105798
61	62	lgr	Siltstone & Sandstone, fg, fresh			0		62	64	105799
62	63	lgr	Siltstone & Sandstone, fg, fresh			0.5	w	64	66	105800
63	64	lgr	Siltstone, fresh			3	w	66	68	105801
64	65	lgr	Siltstone, fresh			0		68	70	105802
65	66	lgr	Siltstone & minor sandstone, fresh			0		70	72	105803
66	67	lgr	Siltstone, fresh			0		72	74	105804
67	68	l&dgr	Siltstone, fresh			0.5	w	74	76	105805
68	69	lgr	Siltstone & minor sandstone, fresh			0		76	79	105806
69	70	lgr	Sandstone, fg & minor siltstone, fresh	Tr py		0				
70	71	l&dgr	Sandstone, fg & Siltstone, fresh			0.5	w			
71	72	lgr	Siltstone & Sandstone, fg, fresh			0				
72	73	lgr	Siltstone & Sandstone, fg, fresh			0				
73	74	l&dgr	Siltstone, fresh			0				
74	75	lgr	Siltstone, fresh			0				
75	76	lgr	Siltstone, fresh			0				
76	77	lgr	Siltstone, fresh			0				
77	78	l&dgr	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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