

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

Prospect	New Golden Gate	Geologist	D G Jackson	Easting	574480.8m	Hole No	RC98MT042
Date Commenced	18.11.98	Drillers	Diamond Drill Tas	Northing	5406586.4m	Azimuth	270 AMG
Date Completed	19.11.98	Hole Depth	108.5m	RL	325.8m	Inclination	60

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	ybr	Siltstone, weathered & Clay			0		0	2	105807
1	2	ybr	Siltstone, weathered			10	w fe	2	4	105808
2	3	ybr	Siltstone, weathered			1	w fe	4	5	105809
3	4	ybr	Siltstone, weathered			0		5	6	105810
4	5	lbr	Siltstone, weathered			60	w fe	6	8	105811
5	6	lbr	Siltstone, weathered			25	w fe	8	10	105812
6	7	lbr	Siltstone, weathered			3	w fe	10	12	105813
7	8	lbr	Siltstone, weathered			0		12	14	105814
8	9	lbr	Siltstone, weathered			0		14	16	105815
9	10	lbr	Siltstone, weathered			0		16	18	105816
10	11	lbr	Siltstone, weathered			5	w fe	18	20	105817
11	12	lbr	Siltstone, weathered			5	w fe	20	21	105818
12	13	lbr	Siltstone, weathered			0		21	23	105819
13	14	lbr	Siltstone, weathered			0		23	25	105820
14	15	lbr	Siltstone & Sandstone, fg, weathered			0		25	27	105821
15	16	lbr	Siltstone, weathered			0		27	29	105822
16	17	lbr	Siltstone, weathered			1	w fe			
17	18	lbr	Siltstone, weathered			0.5	w fe			
18	19	lbr	Siltstone, weathered			0.5	w fe			
19	20	lbr	Siltstone, weathered			0.5	w fe			
20	21	lbr	Siltstone, weathered			50	w gr fe			
21	22	lbr	Siltstone, weathered			1	w fe			
22	23	lgr	Siltstone, partly weathered			1	w fe			
23	24	lgr	Siltstone, slightly weathered	Tr py		0				
24	25	lgr	Siltstone, partly weathered			1	w			
25	26	lgr	Siltstone, trace weathering			0.5	w			
26	27	l&dgr	Siltstone, fresh			2	w			
27	28	l&dgr	Siltstone, fresh			2	w			
28	29	l&dgr	Siltstone, fresh	1% py		5	w			
29	30	gr	Siltstone, fresh			0				

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Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	l&dgr	Siltstone, fresh			2	w	29	31	105823
31	32	gr	Siltstone, fresh			0		31	34	105824
32	33	lgr	Siltstone & Sandstone, fg, fresh			0		34	36	105825
33	34	lgr	Siltstone minor sandstone, fg, fresh			0		36	37	105826
34	35	lgr	Siltstone, fresh	Tr py		3	w	37	38	105827
35	36	lgr	Siltstone, fresh	Tr py		2	w	38	39	105828
36	37	lgr	Siltstone, fresh	0.5% asp/py		30	w	39	41	105829
37	38	gr	Siltstone, fresh	0.5% asp/py		25	w	41	43	105830
38	39	l&dgr	Siltstone minor sandstone, fg, fresh	0.5%py		5	w	43	45	105831
39	40	lgr	Siltstone minor sandstone, fg, fresh			0		45	46	105832
40	41	lgr	Siltstone & Sandstone, fg, fresh			0		46	47	105833
41	42	lgr	Siltstone & Sandstone, fg, fresh			0		47	49	105834
42	43	lgr	Siltstone & Sandstone, fg, fresh			0.5	w	49	51	105835
43	44	l&dgr	Siltstone & Sandstone, fg, fresh			0		51	53	105836
44	45	lgr	Siltstone & Sandstone, fg, fresh			0.5	w	53	55	105837
45	46	lgr	Siltstone & Sandstone, fg, fresh	0.5% asp/py		50	w	55	57	105838
46	47	lgr	Siltstone & Sandstone, fg, fresh	Tr py		50	w	57	59	105839
47	48	lgr	Siltstone & Sandstone, fg, fresh	Tr py		0.5	w	59	61	105840
48	49	lgr	Siltstone & Sandstone, fg, fresh			0				
49	50	lgr	Siltstone & Sandstone, fg, fresh			0				
50	51	lgr	Siltstone, fresh			0				
51	52	lgr	Siltstone & Sandstone, fg, fresh			0				
52	53	lgr	Siltstone & Sandstone, fg, fresh			0				
53	54	lgr	Siltstone, fresh			0				
54	55	lgr	Siltstone, fresh			0				
55	56	lgr	Siltstone, fresh			0				
56	57	lgr	Siltstone, fresh			0				
57	58	lgr	Siltstone, fresh	Tr py		0				
58	59	lgr	Siltstone, fresh	Tr py		0				
59	60	gr	Siltstone, fresh			0				

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
60	61	gr	Siltstone, fresh	Tr py		0		61	63	105841
61	62	gr	Siltstone, fresh			0		63	65	105842
62	63	gr	Siltstone, fresh			0		65	66	105843
63	64	gr	Siltstone, fresh			0		66	67	105844
64	65	gr	Siltstone, fresh	Tr py		0.5	w	67	68	105845
65	66	gr	Siltstone, fresh	1% py		20	w gr	68	69	105846
66	67	gr	Siltstone, fresh	2% py		20	w gr	69	70	105847
67	68	gr	Siltstone, fresh	1% py		60	w	70	71	105848
68	69	gr	Siltstone, fresh	1% py/asp		70	w	71	72	105849
69	70	lgr	Siltstone, fresh	Tr py		30	w	72	74	105850
70	71	lgr	Siltstone, fresh	1% py		60	w	74	75	105851
71	72	gr	Siltstone, fresh	1% py		5	w	75	76	105852
72	73	lgr	Siltstone, fresh	Tr py		0		76	77	105853
73	74	lgr	Siltstone, fresh	0.5% py		0		77	78	105854
74	75	lgr	Siltstone, fresh	0.5% py		50	w	78	79	105855
75	76	lgr	Siltstone, fresh	0.5% py/asp		30	w	79	80	105856
76	77	gr	Siltstone, fresh	1% py		50	w	80	81	105857
77	78	gr	Siltstone, fresh	0.5% py		50	w gr	81	82	105858
78	79	gr	Siltstone, fresh	Tr py		15	w	82	84	105859
79	80	gr	Siltstone, fresh			3	w	84	86	105860
80	81	gr	Siltstone, fresh	Tr py		30	w	86	88	105861
81	82	gr	Siltstone, fresh	0.5% py		30	w	88	90	105862
82	83	gr	Siltstone, fresh	Tr py		0.5	w			
83	84	gr	Siltstone, fresh	0.5% py		2	w			
84	85	gr	Siltstone, fresh	Tr py		5	w			
85	86	gr&dgr	Siltstone, fresh			1	w			
86	87	dgr	Siltstone & Shale, fresh	0.5% py		1	w			
87	88	dgr	Siltstone & Shale, fresh	Tr py		1	w			
88	89	dgr	Siltstone & Shale, fresh	1% py		1	w			
89	90	dgr	Siltstone & Shale, fresh	0.5% py		10	w			

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Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
90	91	dgr&gr	Siltstone & Shale, fresh	0.5% py		5	w	90	92	105863
91	92	bl	Shale, fresh	0.5% py		0.5	w	92	94	105864
92	93	bl	Shale, fresh			1	w	94	96	105865
93	94	bl	Shale, fresh	Tr py		0.5	w	96	98	105866
94	95	bl	Shale, fresh			0.5	w	98	100	105867
95	96	bl	Shale, fresh			3	w	100	102	105868
96	97	bl	Shale, fresh	0.5% py		10	w	102	104	105869
97	98	l&dgr	Siltstone & Shale, fresh	2% py		0.5	w	104	106	105870
98	99	lgr	Siltstone & Sandstone, fg, fresh	Tr py		20	w	106	108	105871
99	100	lgr	Siltstone & Sandstone, fg, fresh	0.5% py		30	w	108	108.5	105872
100	101	lgr	Siltstone & Sandstone, fresh	Tr py		25	w			
101	102	dgr	Siltstone, fresh	1% py		1	w			
102	103	l&dgr	Siltstone, fresh	Tr py		2	w			
103	104	l&dgr	Siltstone, fresh	0.5%py		1	w			
104	105	l&dgr	Siltstone, fresh	Tr py		2	w fe			
105	106	l&dgr	Sandstone, fg & Siltstone, trace weathering	Tr py		1	w			
106	107	l&dgr	Sandstone, fg & Siltstone, partly weathered - Wet			1	w fe			
107	108	l&dgr	Sandstone, fg & Siltstone, trace weathered - Wet	Tr ox py		2	w			
108	109	lgr	Siltstone, trace weathering - Wet	2% asp		15	w gr			
109	110							Surveys		
110	111		EOH at 108.5m due to very high water flow							
111	112							Depth	Azimuth	Inclination
112	113							30		61.5
113	114							60	263	65.5
114	115							90	261	67
115	116									
116	117									
117	118									
118	119									
119	120									

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