

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

Prospect	Jubilee West	Geologist	D G Jackson	Easting	574830	Hole No	RC98MT044
Date Commenced	20.11.98	Drillers	Diamond Drill Tas	Northing	5404622	Azimuth	210 AMG
Date Completed	21.11.98	Hole Depth	102m	RL	1000	Inclination	50

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr	Sandstone & Siltstone, weathered & Clay			0		0	2	105918
1	2	lbr	Sandstone & Siltstone, weathered			2	w fe	2	4	105919
2	3	lbr	Siltstone & Sandstone, weathered			5	w fe	4	6	105920
3	4	lgr&br	Siltstone, partly weathered			0		6	8	105921
4	5	lgr	Siltstone, minor weathering			0		8	10	105922
5	6	lgr	Siltstone, minor weathering			0		10	12	105923
6	7	lgr	Siltstone, minor weathering			0.5	w fe	12	14	105924
7	8	lbr&gr	Siltstone, partly weathered			0		14	16	105925
8	9	lbr&gr	Siltstone, partly weathered			0		16	18	105926
9	10	lbr&gr	Siltstone, partly weathered			1	w	18	20	105927
10	11	lgr	Siltstone, fresh			0		20	22	105928
11	12	lgr	Siltstone, fresh			0.5	w	22	23	105929
12	13	lgr	Siltstone, trace weathering			0.5	w	23	25	105930
13	14	lgr&g	Siltstone & Sandstone, fresh			0		25	27	105931
14	15	lgr&g	Siltstone & Sandstone, fresh			0		27	29	105932
15	16	gr	Siltstone & Sandstone, fresh			0				
16	17	gr	Siltstone & minor sandstone, fresh			0				
17	18	gr	Siltstone & minor sandstone, fresh			1	w			
18	19	gr&g	Siltstone, fresh			0.5	w			
19	20	gr	Siltstone & minor sandstone, fresh			0				
20	21	lgr	Siltstone, fresh	Tr py		0.5	w			
21	22	lgr	Siltstone, fresh	0.5% py		10	w			
22	23	lgr	Siltstone, fresh, spotted	Tr py		50	w			
23	24	lgr	Siltstone, fresh			0				
24	25	lgr&g	Siltstone, fresh			5	w			
25	26	lgr&g	Siltstone, fresh, spotted			0				
26	27	lgr	Siltstone, fresh	Tr py		15	w			
27	28	lgr	Siltstone & Sandstone, fresh			0				
28	29	lgr	Sandstone, fresh			2	w			
29	30	lgr	Sandstone, fresh	0.5% py		0				

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Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Sandstone, fresh			0		29	31	105933
31	32	lgr&g	Sandstone, fresh			0		31	33	105934
32	33	lgr&g	Sandstone & Siltstone, fresh	Tr py		5	w	33	34	105935
33	34	lgr	Siltstone, fresh	0.5% py		95	w	34	35	105936
34	35	lgr	Siltstone, fresh	Tr py		60	w	35	37	105937
35	36	lgr	Siltstone, fresh	0.5% py		1	w	37	39	105938
36	37	lgr&g	Sandstone & Siltstone, fresh			0.5	w	39	41	105939
37	38	lgr	Siltstone, fresh	0.5% py		0		41	43	105940
38	39	lgr&g	Siltstone, fresh	Tr py		5	w	43	45	105941
39	40	gr	Siltstone, fresh			2	w	45	47	105942
40	41	gr&g	Siltstone & minor sandstone, fresh			0		47	49	105943
41	42	gr&g	Siltstone, fresh			0		49	51	105944
42	43	gr	Siltstone, fresh			0		51	53	105945
43	44	gr	Siltstone, fresh			0		53	55	105946
44	45	gr	Siltstone, fresh			0.5	w	55	57	105947
45	46	gr	Siltstone, fresh			0		57	59	105948
46	47	gr	Siltstone, fresh			0		59	61	105949
47	48	gr&g&o	Siltstone & minor sandstone, fresh			0		61	63	105950
48	49	gr&g	Siltstone, fresh			1	w	63	65	105951
49	50	gr&g	Siltstone, fresh			1	w			
50	51	gr&g	Siltstone, fresh			0				
51	52	gr&cm	Siltstone & Sandstone, fresh			0				
52	53	gr&cm	Siltstone & Sandstone, fresh			0				
53	54	gr	Siltstone, fresh			0				
54	55	gr	Siltstone, fresh			0				
55	56	gr&g	Siltstone, fresh			0				
56	57	gr	Siltstone, fresh			0				
57	58	gr&o	Siltstone & minor sandstone, fresh			0				
58	59	gr	Siltstone, fresh			0				
59	60	gr	Siltstone, fresh			0				
60	61	gr	Siltstone, fresh	Wet sample		0				
61	62	gr	Siltstone, fresh	Wet sample		0				
62	63	gr	Siltstone, fresh	Wet sample		0				
63	64	gr	Siltstone, fresh	Wet sample		0				
64	65	gr	Siltstone, fresh	Wet sample		0				

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
65	66	gr	Siltstone, fresh	Wet sample		0		65	67	105952
66	67	gr	Siltstone, fresh	Wet sample		0		67	69	105953
67	68	gr	Siltstone, fresh	Wet sample		0		69	71	105954
68	69	gr	Siltstone, fresh	Wet sample		0		71	73	105955
69	70	gr	Siltstone, fresh	Wet sample		0		73	75	105956
70	71	gr	Siltstone, fresh	Wet sample		0		75	77	105957
71	72	gr	Siltstone, fresh	Wet sample		0		77	79	105958
72	73	gr	Siltstone, fresh	Wet sample		0		79	80	105959
73	74	gr	Siltstone & minor cream sandstone, fresh - Wet			0		80	81	105960
74	75	gr	Siltstone, fresh	Damp sample		0		81	83	105961
75	76	gr	Siltstone, fresh	Damp sample		0		83	85	105962
76	77	gr	Siltstone, fresh	Damp sample		0.5	w	85	87	105963
77	78	gr	Siltstone, fresh	Damp sample		2	w	87	89	105964
78	79	gr&g	Siltstone, fresh	Damp sample		0.5	w cm	89	91	105965
79	80	gr&g	Siltstone, fresh	Damp sample		20	cm	91	93	105966
80	81	gr	Siltstone, spotted, fresh	Damp sample		40	w	93	95	105967
81	82	gr	Siltstone, fresh	Damp sample		5	w	95	97	105968
82	83	gr&g	Siltstone, fresh	Damp sample		3	w	97	99	105969
83	84	gr	Siltstone, fresh	Damp sample		1	w			
84	85	gr	Siltstone, fresh	Damp sample		1	w			
85	86	gr	Siltstone, fresh	Damp sample		0				
86	87	gr	Siltstone, fresh	Damp sample		1	w			
87	88	gr	Siltstone, fresh	Damp sample		0				
88	89	gr	Siltstone, fresh	Damp sample		3	w cm			
89	90	gr	Siltstone, fresh	Damp sample		3	cm w			
90	91	gr	Siltstone, fresh	Damp sample		0				
91	92	gr	Siltstone, fresh	Wet sample		0				
92	93	gr	Siltstone, fresh	Damp sample		2	w cm			
93	94	gr	Siltstone, fresh	Damp sample		5	cm w			
94	95	gr	Siltstone, fresh	Damp sample		3	w cm			
95	96	gr	Siltstone, fresh	Damp sample		3	w cm			
96	97	gr	Siltstone, fresh	Damp sample		1	w cm			
97	98	gr&g	Siltstone, fresh	Very big damp sample		2	w cm			
98	99	gr	Siltstone, fresh	Damp sample		3	w cm			
99	100	gr	Siltstone, fresh	Damp sample		1	w cm			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No	
100	101	gr	Siltstone, fresh			3	cm w	99	102	105970	
101	102	gr	Siltstone, fresh			0					
102	103										
103	104		EOH at 102m								
104	105										
105	106										
106	107										
107	108										
108	109										
109	110										
110	111										
111	112										
112	113										
113	114										
114	115										
115	116										
116	117										
117	118										
118	119										
119	120										
120	121										
121	122										
122	123										
123	124										
124	125										
125	126										
126	127										
127	128										
128	129										
129	130										
130	131										
131	132										
132	133										
133	134										

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