

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

Aspect	New Golden Gate	Geologist	DG Jackson	Easting	574583m	Hole No	RC99MT067
Date Commenced	12.7.99	Drillers	Diamond Drill Tas	Northing	5406785m	Azimuth	270 AMG
Date Completed	13.7.99	Hole Depth	97m	RL	304.7m	Inclination	54

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr	Tailings					0	2	107658
1	2	lbr	Tailings					2	4	107659
2	3	lbr	Tailings					4	6	107660
3	4	lbr	Tailings & Clay					6	8	107661
4	5	ybr	Siltstone, weathered			2	w fe	8	10	107662
5	6	ybr	Siltstone, weathered			0		10	12	107663
6	7	ybr	Siltstone, weathered			0		12	14	107664
7	8	ybr	Siltstone, weathered			0		14	16	107665
8	9	lbr	Siltstone, weathered			0		16	18	107666
9	10	lbr	Siltstone, weathered			0		18	20	107667
10	11	lbr	Siltstone, weathered			0		20	22	107668
11	12	lbr	Siltstone, weathered			0		22	23	107669
12	13	lbr	Siltstone, weathered			1	fe w	23	24	107670
13	14	lbr	Siltstone, weathered			0		24	25	107671
14	15	lbr	Siltstone, weathered			0		25	26	107672
15	16	lbr	Siltstone, weathered			0		26	27	107673
16	17	lbr	Siltstone, weathered			0		27	29	107674
17	18	lbr	Siltstone, weathered			0		29	30	107675
18	19	lgr&br	Siltstone, partly weathered			1	w fe			
19	20	lgr&br	Siltstone & Sandstone, fg, minor weathering			0				
20	21	lbr&gr	Siltstone, weathered			0				
21	22	lbr&gr	Sandstone, fg & Siltstone, weathered			5	w fe			
22	23	lgr&br	Sandstone, fg & Siltstone, partly weathered			25	fe w			
23	24	lgr&br	Siltstone & Sandstone, fg, partly weathered	Tr asp?		2	w			
24	25	lgr	Sandstone, fg & Siltstone, minor weathering			2	fe w			
25	26	lbr	Sandstone, fg & Siltstone, weathered			25	fe w			
26	27	lbr	Siltstone, weathered			50	fe w			
27	28	lbr	Siltstone, weathered			1	w			
28	29	lgr&br	Siltstone, partly weathered			0				
29	30	lgr&br	Siltstone, partly weathered			3	fe			

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Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr&br	Siltstone, partly weathered			2	w fe	30	31	107676
31	32	lbr	Siltstone, weathered			80	w fe	31	32	107677
32	33	lbr	Siltstone, weathered	Tr su 2 vg		95	w fe gr	32	33	107678
33	34	lgr&cm	Siltstone & Sandstone, fg, trace weathering			3	w fe	33	34	107679
34	35	lgr&cm	Siltstone & Sandstone, fg, trace weathering			2	w fe	34	36	107680
35	36	lgr	Siltstone, trace weathering			1	w	36	38	107681
36	37	lgr	Siltstone, fresh	Tr py		5	w	38	40	107682
37	38	lgr	Siltstone, fresh	Tr py		0.5	w	40	42	107683
38	39	lgr	Siltstone, fresh	Tr py		5	w	42	43	107684
39	40	lgr	Siltstone, fresh	1& py		2	w gr	43	44	107685
40	41	lgr	Siltstone, fresh			2	w	44	46	107686
41	42	lgr	Siltstone, fresh			0.5	w	46	47	107687
42	43	lgr	Siltstone, fresh	Tr py		1	w	47	48	107688
43	44	lgr	Siltstone, fresh	0.5% py		20	w	48	49	107689
44	45	lgr&cm	Siltstone, fresh	Tr py	Py spotting	5	w	49	51	107690
45	46	lgr&cm	Siltstone, fresh			2	w	51	53	107691
46	47	lgr&cm	Siltstone, fresh	1% py		20	w	53	55	107692
47	48	lgr	Siltstone, fresh	1% py		20	w	55	57	107693
48	49	lgr&cm	Siltstone & Sandstone, fg, fresh	0.5% py		10	w	57	59	107694
49	50	lgr	Siltstone, fresh	Tr py		3	w	59	61	107695
50	51	lgr	Siltstone, fresh	Tr py		1	w			
51	52	lgr&cm	Siltstone, fresh	Tr py		5	w			
52	53	lgr	Siltstone, fresh	Tr py		0.5	w			
53	54	lgr	Siltstone & Sandstone, fg, fresh	Tr py		5	w			
54	55	lgr	Siltstone & Sandstone, fg, fresh	0.5% py		3	w			
55	56	lgr	Siltstone & Sandstone, fg, fresh		Py spotting	2	w			
56	57	gr	Siltstone, fresh	Tr py		0				
57	58	lgr	Siltstone & Sandstone, fg, fresh	Tr py		0.5	w			
58	59	lgr&cm	Siltstone, fresh			0.5	w			
59	60	lgr	Siltstone, fresh			0				

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Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
60	61	lgr	Siltstone, fresh	Tr py		0		61	63	107696
61	62	lgr	Siltstone & Sandstone, fg, fresh	Tr py		0		63	64	107697
62	63	lgr	Siltstone & Sandstone, fg, fresh			0.5	w	64	65	107698
63	64	lgr	Siltstone & Sandstone, fg, fresh	2.5% py		25	w gr	65	67	107699
64	65	lgr	Siltstone & Sandstone, fg, fresh	1.5% py	Py spotting	20	w	67	69	107700
65	66	lgr	Siltstone & Sandstone, fg, fresh			0.5	w	69	71	107701
66	67	lgr&cm	Siltstone, fresh			25	w	71	73	107702
67	68	lgr	Siltstone, fresh			0.5	w	73	74	107703
68	69	lgr	Siltstone, fresh			2	w	74	76	107704
69	70	lgr	Siltstone, fresh	Tr py		1	w	76	78	107705
70	71	lgr	Siltstone, fresh	0.5% py		10	w	78	80	107706
71	72	lgr	Siltstone, fresh			0.5	w	80	82	107707
72	73	lgr	Siltstone, fresh	Tr py		1	w	82	84	107708
73	74	lgr	Siltstone, fresh	1% py		5	w	84	85	107709
74	75	lgr	Siltstone, fresh	Tr py		3	w	85	86	107710
75	76	lgr	Siltstone, fresh	Tr py		1	w	86	87	107711
76	77	lgr	Siltstone, fresh	Tr py		0.5	w	87	88	107712
77	78	lgr	Siltstone, fresh			0.5	w gr	88	0	107713
78	79	lgr	Siltstone, fresh	Tr py		3	w			
79	80	lgr	Siltstone, fresh			0				
80	81	lgr	Siltstone, fresh			0				
81	82	lgr&g	Siltstone, fresh	Tr py		0.5	w			
82	83	lgr	Siltstone, fresh	Tr py		0.5	w			
83	84	lgr	Siltstone, fresh	Tr py	Py spotting	0.5	w			
84	85	lgr	Siltstone, fresh	2% py/asp		40	w			
85	86	lgr	Siltstone, fresh	1.5% py		35	w			
86	87	lgr	Siltstone, fresh	1% py		65	gr w			
87	88	lgr	Siltstone, fresh			0.5	w			
88	89	lgr	Siltstone, fresh			15	w			
89	90	lgr	Siltstone, fresh			5	w			

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