

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

Project	New Golden Gate	Geologist	DG Jackson	Easting	574551m	Hole No	RC99MT045
Start Date	11.6.99	Drillers	Diamond Drill Tas	Northing	5406745m	Azimuth	270 AMG
End Date	12.6.99	Hole Depth	67m	RL	309.2m	Inclination	55

Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1		Tailings - No Recovery					4	6	105971
1	2		Tailings - No Recovery					6	8	105972
2	3		Tailings - No Recovery					8	10	105973
3	4		Tailings - No Recovery					10	12	105974
4	5	br	Clay			0		12	14	105975
5	6	br	Sandstone, fg & Siltstone, weathered and Clay - Lag			10	w fe	14	15	105976
6	7	ybr	Sandstone, fg & Siltstone, weathered and Clay - Lag			15	w fe	15	17	105977
7	8	ybr	Clay, weathered & minor Sandstone			5	w	17	19	105978
8	9	ybr	Siltstone, weathered			10	w fe	19	20	105979
9	10	ybr	Siltstone, weathered			2	w fe	20	21	105980
10	11	ybr	Siltstone, weathered			1	w	21	22	105981
11	12	ybr	Siltstone, weathered			0		22	23	105982
12	13	ybr	Siltstone, weathered			5	w fe	23	24	105983
13	14	lgr	Siltstone, partly weathered			2	w	24	25	105984
14	15	lgr	Siltstone, partly weathered	Tr asp		25	w fe	25	27	105985
15	16	lgr	Siltstone, partly weathered		Py spotting	1	fe	27	29	105986
16	17	lgr	Siltstone, fresh		Py spotting	0.5	w	29	31	105987
17	18	lgr	Siltstone, fresh			0				
18	19	lgr	Siltstone & Sandstone, fg, fresh			1	w			
19	20	lgr	Siltstone, fresh	0.5% py	Py spotting	25	w			
20	21	lgr	Siltstone, fresh	2% cg asp/py		50	w			
21	22	lgr	Siltstone, fresh	2% cg asp		50	w			
22	23	lgr	Siltstone, fresh	2% cg asp		50	w			
23	24	lgr	Siltstone, fresh	0.5% asp		25	w			
24	25	lgr	Siltstone & Sandstone, fg, fresh	Tr asp	Py spotting	2	w			
25	26	lgr	Siltstone, fresh	Tr su		10	w			
26	27	lgr	Siltstone, fresh	Tr Contamination		10	w			
27	28	lgr	Siltstone, fresh	Tr Contamination		2	w fe			
28	29	lgr	Siltstone, fresh	Tr Contamination - Damp		2	w fe			
29	30	lgr	Siltstone, fresh	Small Sample - Damp	Tr py	5	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 Damp			2	w	31	33	105988
31	32	lgr	Siltstone & minor Sandstone, fresh Damp, Small			15	w	33	35	105989
32	33	lgr	Siltstone, fresh Damp - Minor Contamination			0		35	37	105990
33	34	lgr	Siltstone, fresh Damp - Minor Contamination			1	w	37	39	105991
34	35	lgr	Siltstone & minor Sandstone, fresh Damp	Tr py	Py spotting	15	w	39	41	105992
35	36	lgr	Siltstone & minor Sandstone, fresh Damp			10	w	41	43	105993
36	37	lgr	Siltstone & minor Sandstone, fresh Damp	1% py		3	w	43	45	105994
37	38	lgr	Sandstone, fg & Siltstone, fresh Damp			1	w	45	47	105995
38	39	lgr	Sandstone, fg & Siltstone, fresh Damp	1% py		2	w	47	49	105996
39	40	lgr	Siltstone & Sandstone, fg, fresh Damp	Tr py		0.5	w	49	51	105997
40	41	lgr	Siltstone & Sandstone, fg, fresh Damp			10	w	51	52	105998
41	42	lgr	Siltstone & Sandstone, fg, fresh Damp	0.5%py		5	w	52	53	105999
42	43	lgr	Sandstone, fg & Siltstone, fresh Damp	Tr Su		1	w	53	54	106000
43	44	l&dgr	Siltstone & Sandstone, fg, fresh Damp	Tr Su		5	w	54	55	106001
44	45	lgr	Siltstone & Sandstone, fg, fresh Damp	Tr Su	Py spotting	5	w	55	56	106002
45	46	lgr	Sandstone, fg & Siltstone, fresh Damp	1% py	Py spotting	0		56	57	106003
46	47	lgr	Sandstone, fg, fresh Damp			0		57	58	106004
47	48	lgr	Sandstone, fg & Siltstone, fresh Damp			0		58	59	106005
48	49	lgr	Sandstone, fg & Siltstone, fresh Damp	Tr py	Py spotting	0		59	60	106006
49	50	lgr	Sandstone, fg & Siltstone, fresh Damp	0.5%py	Py spotting	0				
50	51	lgr	Sandstone, fg & Siltstone, fresh Damp	Tr py	Py spotting	0				
51	52	lgr	Siltstone, fresh Damp	1% py/asp		90	w			
52	53	lgr	Siltstone, fresh Damp - Big	2% py/asp		95	gr w			
53	54	lgr	Siltstone, fresh Damp - Big	0.5%py		3	w gr			
54	55	lgr	Siltstone, fresh Damp - Big	3% py/asp		80	gr w			
55	56	dgr	Siltstone, fresh Wet - Small	0.5% py		20	w gr			
56	57	dgr	Siltstone, fresh Damp - Small	0.5% py		20	w			
57	58	dgr	Siltstone, fresh Damp - Small	1% py		10	w gr			
58	59	lgr	Siltstone, fresh Damp - Big	Tr py		25	w gr			
59	60	lgr	Siltstone & Sandstone, fg, fresh Damp - Big			20	w gr			

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