

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

rospect	New Golden Gate	Geologist	DG Jackson	Easting	574520m	Hole No	RC99MT069
ate Commenced	15.7.99	Drillers	Diamond Drill Tas	Northing	5406705m	Azimuth	270 AMG
ate Completed	16.7.99	Hole Depth	61m	RL	312.3m	Inclination	55

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr	Tailings					0	2	107784
1	2	lbr	Tailings					2	4	107785
2	3	lbr	Tailings					4	6	107786
3	4	lbr	Tailings & Clay					6	8	107787
4	5	lbr	Clay & Transported O/B					8	9	107788
5	6	lbr	Clay			25	w fe	9	11	107789
6	7	rbr	Clay			0		11	13	107790
7	8	rbr&y	Clay & Siltstone, weathered			5	w fe	13	15	107791
8	9	ybr	Siltstone, weathered			50	w fe	15	17	107792
9	10	ybr	Siltstone & Sandstone, fg, weathered			0		17	19	107793
10	11	ybr	Siltstone & Sandstone, fg, weathered			3	w fe	19	20	107794
11	12	ybr	Siltstone, weathered			2	w fe	20	22	107795
12	13	ybr	Siltstone, weathered			0		22	24	107796
13	14	ybr	Siltstone, weathered			0		24	25	107797
14	15	lgr	Siltstone, partly weathered			0		25	26	107798
15	16	lgr	Siltstone, partly weathered			0		26	27	107799
16	17	lgr	Siltstone & minor sandstone, trace weathering		Py spotting	0		27	28	107800
17	18	lgr	Siltstone & minor sandstone, trace weathering			0		28	29	107801
18	19	lgr	Siltstone & minor sandstone, trace weathering		Py spotting	0		29	30	107802
19	20	lgr	Sandstone, fg & Siltstone, fresh	0.5% py		10	w			
20	21	lgr	Sandstone, fg & Siltstone, fresh			0				
21	22	lgr	Siltstone & Sandstone, fg, fresh			0				
22	23	lgr	Siltstone, fresh	0.5% py	Py spotting	2	w			
23	24	lgr	Siltstone, fresh			3	w			
24	25	lgr	Siltstone, fresh			1	w			
25	26	lgr&kh	Siltstone, fresh	1% py/asp		60	w			
26	27	lgr&kh	Siltstone, fresh	1% py/asp		25	w gr			
27	28	lgr&kh	Siltstone, fresh	2% py/asp		50	gr w			
28	29	kh	Siltstone, fresh	1% cg py/asp		60	w gr			
29	30	kh	Siltstone, fresh	1% cg py/asp		40	w gr			

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Start Commenced	15.7.99	Drillers	Diamond Drill Tas	Northing	5406705m	Azimuth	270 AMG
Start Completed	16.7.99	Hole Depth	61m	RL	312.3m	Inclination	55

Depth		Lithology						Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No	
30	31	kh	Siltstone, fresh	1% cg asp/py		25	w	30	31	1077803	
31	32	kh	Siltstone, fresh	1% cg asp/py		50	w gr	31	32	1077804	
32	33	kh	Siltstone, fresh	2% cg asp		50	w gr	32	33	1077805	
33	34	kh	Siltstone, fresh	3% cg asp/py		60	gr w	33	34	1077806	
34	35	kh&lgr	Siltstone, fresh	3% cg asp		70	w gr	34	35	1077807	
35	36	kh	Siltstone, fresh	3% cg asp		70	w gr	35	36	1077808	
36	37	lgr	Siltstone, fresh	3% cg asp 1vg		70	w	36	37	1077809	
37	38	lgr	Siltstone, fresh	3% cg asp/py		80	w gr	37	38	1077810	
38	39	lgr	Siltstone, fresh	2% cg asp/py		80	w gr	38	39	1077811	
39	40	dgr	Siltstone, fresh	1% cg py/asp		15	w	39	40	1077812	
40	41	dgr	Siltstone, fresh	1% cg asp/py		15	w	40	41	1077813	
41	42	dgr	Siltstone, fresh	0.5% py		0.5	w	41	42	1077814	
42	43	dgr	Siltstone, fresh			0		42	43	1077815	
43	44	dgr	Siltstone, fresh	1% asp/py		15	gr w	43	44	1077816	
44	45	dgr	Siltstone, fresh	1%py/asp		20	w gr	44	45	1077817	
45	46	dgr	Siltstone, fresh	1% py		5	w	45	46	1077818	
46	47	dgr	Siltstone, fresh	0.5% py		0.5	w	46	48	1077819	
47	48	dgr	Siltstone, fresh	0.5% py		1	w	48	50	1077820	
48	49	dgr	Siltstone, fresh	1% py		1	w	50	52	1077821	
49	50	dgr	Siltstone, fresh	1% py		0		52	53	1077822	
50	51	dgr	Siltstone, fresh	0.5% py		0.5	w	53	54	1077823	
51	52	gr	Sandstone, fg, fresh	0.5% py		0		54	55	1077824	
52	53	gr	Sandstone, fg, fresh	Tr py		0.5	w	55	57	1077825	
53	54	gr	Sandstone, fg & Siltstone, fresh	1% py		10	w gr	57	59	1077826	
54	55	dgr	Siltstone, fresh	0.5% py		2	w	59	61	1077827	
55	56	gr	Siltstone, fresh	1% py		5	w				
56	57	dgr	Siltstone, fresh	0.5% py		3	w	Surveys			
57	58	dgr	Siltstone, fresh	0.5% py		5	w	Depth			
58	59	dgr	Siltstone, fresh	Tr py		5	w	Collar	261	56.5	
59	60	dgr	Siltstone, fresh	Tr py		10	w		264	54	
60	61	dgr	Siltstone, fresh	EOH at 61m		0.5	w		60	264	50.5

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