

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

Project	New Golden Gate	Geologist	DG Jackson	Easting	574530m	Hole No	RC99MT047
Start Date	15.6.99	Drillers	Diamond Drill Tas	Northing	5406725m	Azimuth	270 AMG
End Date	15.6.99	Hole Depth	54m	RL	310.5m	Inclination	55

Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1		Tailings - No Recovery					4	7	106072
1	2		Tailings - No Recovery					7	9	106073
2	3		Tailings - No Recovery					9	11	106074
3	4		Tailings - No Recovery					11	13	106075
4	5	br	Clay			0		13	15	106076
5	6	br	Clay			0		15	17	106077
6	7	br	Clay			0		17	19	106078
7	8	br	Sandstone, fg, weathered, minor siltstone			5	w fe	19	21	106079
8	9	ybr	Sandstone, fg, weathered			2	w fe	21	23	106080
9	10	ybr	Siltstone & Sandstone, fg, weathered			15	w fe	23	25	106081
10	11	ybr	Siltstone & Sandstone, fg, weathered			1	w fe	25	26	106082
11	12	ybr & gr	Siltstone, weathered & minor fg sandstone			20	fe w	26	28	106083
12	13	lgr	Siltstone & Sandstone, fg, trace weathering			10	w fe	28	30	106084
13	14	lgr	Siltstone & Sandstone, fg, fresh	0.5% py		0				
14	15	lgr	Siltstone & Sandstone, fg, fresh	Tr py		0				
15	16	lgr	Siltstone & Sandstone, fg, fresh	Contam	Tr py	1	w			
16	17	lgr	Siltstone & Sandstone, fg, fresh	Tr contam	Tr py	0				
17	18	lgr	Siltstone & Sandstone, fg, fresh	Tr contam		0				
18	19	lgr	Siltstone & Sandstone, fg, fresh			0				
19	20	lgr	Siltstone & Sandstone, fg, fresh	Tr contam	Tr py	0	Minor py spotting			
20	21	lgr	Siltstone & Sandstone, fg, fresh	Tr contam		0				
21	22	lgr	Siltstone & Sandstone, fg, fresh			0				
22	23	lgr	Siltstone & Sandstone, fg, fresh	Contam		0				
23	24	lgr	Siltstone & Sandstone, fg, fresh	Tr contam		0				
24	25	lgr	Siltstone & Sandstone, fg, fresh	Tr contam		0	Minor py spotting			
25	26	lgr	Siltstone & Sandstone, fg, fresh			50	gr w			
26	27	lgr	Siltstone & Sandstone, fg, fresh	1% py		1	w			
27	28	lgr	Siltstone & Sandstone, fg, fresh	0.5% py		1	gr w			
28	29	l&dgr	Siltstone & Sandstone, fg, fresh			0.5	w			
29	30	l&dgr	Siltstone & Sandstone, fg, fresh			5	w			

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Prospect	New Golden Gate	Geologist	DG Jackson	Easting	574530m	Hole No	RC99MT047
Date Commenced	15.6.99	Drillers	Diamond Drill Tas	Northing	5406725m	Azimuth	270 AMG
Date Completed	15.6.99	Hole Depth	54m	RL	310.5m	Inclination	55

Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone, fresh			0		30	31	106085
31	32	lgr	Siltstone, fresh	2% asp/py 9 vg		50	w gr	31	32	106086
32	33	lgr	Siltstone, fresh	1% asp		50	w gr	32	33	106087
33	34	lgr	Siltstone, fresh	2% asp/py 1 vg		70	w gr	33	34	106088
34	35	lgr	Siltstone, fresh	1% asp/py 2 vg		60	w gr	34	35	106089
35	36	lgr	Siltstone, fresh	0.5% asp/py		30	w	35	36	106090
36	37	lgr	Siltstone, fresh	1% py/asp		20	w	36	37	106091
37	38	lgr	Siltstone, fresh	1% py/asp		15	w	37	38	106092
38	39	lgr	Siltstone, fresh	1% py		1	w gr	38	39	106093
39	40	lgr	Siltstone, fresh	2% py		20	w gr	39	40	106094
40	41	lgr	Siltstone, fresh	0.5% py/asp		0.5	w gr	40	41	106095
41	42	lgr	Siltstone, fresh	Tr py		0		41	43	106096
42	43	lgr	Siltstone, fresh	Tr py		0.5	w	43	45	106097
43	44	lgr	Siltstone, fresh	Tr py		0		45	47	106098
44	45	lgr	Sandstone, fg & Siltstone, fresh	Tr py		2	w	47	49	106099
45	46	lgr	Sandstone, fg, fresh			0		49	51	106100
46	47	lgr	Siltstone, fresh & minor fg sandstone			0		51	54	106101
47	48	lgr	Siltstone, fresh			0				
48	49	lgr	Siltstone, fresh			0				
49	50	lgr	Siltstone, fresh			0				
50	51	lgr	Siltstone, fresh			0				
51	52	lgr	Siltstone, fresh & minor fg sandstone			0				
52	53	lgr	Siltstone, fresh			20	w			
53	54	lgr	Siltstone, fresh			0				
			EOH at 54m							

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