

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

Aspect	New Golden Gate	Geologist	DG Jackson	Easting	574540m	Hole No	RC99MT063
Site Commenced	6.7.99	Drillers	Diamond Drill Tas	Northing	5406785m	Azimuth	270 AMG
Site Completed	6.7.99	Hole Depth	55m	RL	307.5m	Inclination	55

Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr&gr	Tailings					0	2	107408
1	2	lbr&gr	Tailings					2	4	107409
2	3	lbr&gr	Tailings					4	6	107410
3	4	br	Tailings & Clay					6	8	107411
4	5	br	Siltstone, weathered & Clay - Surface Lag			40	w fe	8	9	107412
5	6	br	Siltstone, weathered & Clay			20	w fe	9	10	107413
6	7	br	Siltstone, weathered			5	w fe	10	12	107414
7	8	ybr	Siltstone, weathered			2	w fe	12	14	107415
8	9	ybr	Siltstone, weathered			5	w fe	14	16	107416
9	10	ybr	Siltstone, weathered			20	w gr fe	16	18	107417
10	11	lgr&br	Siltstone, partly weathered			0		18	20	107418
11	12	lgr&br	Siltstone, partly weathered	Tr su		5	w fe	20	22	107419
12	13	lgr	Siltstone, trace weathering			10	w fe	22	24	107420
13	14	lgr	Siltstone, fresh - trace contamination	Tr py		2	w fe	24	25	107421
14	15	lgr	Siltstone, fresh - trace contamination			0		25	26	107422
15	16	lgr	Siltstone, fresh - trace contamination			1	w	26	27	107423
16	17	lgr	Siltstone, fresh - trace contamination			0		27	28	107424
17	18	lgr	Siltstone, fresh - trace contamination			0		28	30	107425
18	19	lgr	Siltstone, fresh - trace contamination			0				
19	20	lgr	Siltstone & Sandstone, fg, fresh			0				
20	21	lgr	Siltstone & Sandstone, fg, fresh - trace contamination			0				
21	22	lgr	Siltstone & Sandstone, fg, fresh - trace contamination	1% py		0				
22	23	lgr	Siltstone & Sandstone, fg, fresh - trace contamination			0				
23	24	lgr	Siltstone, fresh	Tr py		1	w			
24	25	lgr&kh	Siltstone, fresh	2% fg asp/py		30	w gr			
25	26	lgr&kh	Siltstone, fresh	3% fg asp/py		80	w gr			
26	27	lgr&kh	Siltstone, fresh	3% fg asp/py		40	gr w			
27	28	lgr&kh	Siltstone, & Sandstone, fg, fresh	Tr py		0				
28	29	lgr	Siltstone, fresh	Tr py		1	w			
29	30	lgr&kh	Siltstone, & Sandstone, fg, fresh	Tr py		5	w			

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Date Completed	6.7.99	Hole Depth	55m	RL	307.5m	Inclination	55

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone, fresh	Tr py		0		30	32	107426
31	32	lgr	Siltstone, fresh	0.5% py		0		32	33	107427
32	33	lgr&kh	Siltstone, fresh	1% fg asp/py		50	gr w	33	34	107428
33	34	lgr	Siltstone, fresh	Tr su		2	w	34	35	107429
34	35	lgr	Siltstone, & Sandstone, fg, fresh	0.5% py/asp?		15	w	35	36	107430
35	36	lgr	Siltstone, & Sandstone, fg, fresh			1	w	36	37	107431
36	37	lgr	Siltstone, fresh	0.5% py/asp?		2	gr	37	38	107432
37	38	lgr&kh	Siltstone, fresh	1% fg py/asp?		30	gr w	38	39	107433
38	39	lgr&kh	Siltstone, fresh	1% fg py/asp?		25	w gr	39	40	107434
39	40	lgr	Siltstone, fresh	0.5% fg py/asp?		5	w gr	40	41	107435
40	41	lgr	Siltstone, fresh			0		41	42	107436
41	42	lgr	Siltstone, fresh	0.5% py/asp?		3	w gr	42	44	107437
42	43	lgr	Siltstone, fresh	Tr py		5	w	44	46	107438
43	44	lgr	Siltstone, fresh	Tr py		0		46	48	107439
44	45	lgr	Siltstone, fresh			0		48	50	107440
45	46	lgr&kh	Siltstone, fresh			3	w	50	52	107441
46	47	lgr	Siltstone, & Sandstone, fg, fresh			0		52	55	107442
47	48	lgr	Siltstone, & minor sandstone, fg, fresh			3	w			
48	49	lgr	Siltstone, fresh			2	w			
49	50	lgr	Siltstone, & Sandstone, fg, fresh		Silicified	2	w			
50	51	lgr	Siltstone, fresh			3	w			
51	52	lgr	Siltstone, fresh			0				
52	53	lgr	Siltstone, fresh			0				
53	54	lgr	Siltstone, fresh			0				
54	55	lgr	Siltstone, fresh			0				
			EOH at 55m							