

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

Prospect	New Golden Gate	Geologist	DG Jackson	Easting	574483m	Hole No	RC99MT062
Date Commenced	4.7.99	Drillers	Diamond Drill Tas	Northing	5406545	Azimuth	270 AMG
Date Completed	5.7.99	Hole Depth	90m	RL	326m	Inclination	50

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr	Siltstone, weathered			10	w fe	0	2	107357
1	2	lbr	Siltstone, weathered			25	w fe	2	3	107358
2	3	lbr	Siltstone & Sandstone, fg, weathered			30	w fe	3	5	107359
3	4	lbr	Siltstone, weathered			0		5	7	107360
4	5	lbr	Siltstone, weathered			0		7	9	107361
5	6	ybr	Siltstone & Sandstone, fg, weathered			0		9	11	107362
6	7	lbr	Siltstone, weathered			0		11	13	107363
7	8	lbr&gr	Siltstone, weathered			0		13	15	107364
8	9	lbr&gr	Siltstone, weathered			0		15	16	107365
9	10	lbr&gr	Siltstone, weathered			0		16	18	107366
10	11	ybr	Siltstone & Sandstone, fg, weathered			1		18	20	107367
11	12	lbr	Siltstone, weathered			0		20	22	107368
12	13	lbr	Siltstone, weathered			0		22	23	107369
13	14	lbr	Siltstone, weathered			0		23	24	107370
14	15	lbr	Siltstone, weathered			1	w fe	24	25	107371
15	16	lbr	Siltstone & Sandstone, fg, weathered			10	fe w	25	26	107372
16	17	lbr	Siltstone, weathered			0		26	27	107373
17	18	lbr&gr	Siltstone, weathered			0		27	28	107374
18	19	lbr&gr	Siltstone, weathered			0		28	29	107375
19	20	ybr	Siltstone, weathered			0		29	31	107376
20	21	lbr	Siltstone & Sandstone, fg, weathered			0				
21	22	lbr&gr	Siltstone, weathered			0				
22	23	lgr&br	Siltstone, partly weathered		Py spots - ox	0				
23	24	lbr&gr	Siltstone, weathered			10	fe w			
24	25	lbr&gr	Siltstone, weathered			10	fe w			
25	26	lgr&br	Siltstone, partly weathered			3	fe w			
26	27	lgr&br	Siltstone, partly weathered			1	fe w			
27	28	lgr	Siltstone, trace weathering	1% cg asp/py		0				
28	29	lgr	Siltstone, trace weathering	1% cg py/asp		5	w			
29	30	lgr	Siltstone, trace weathering	Tr ox su		0				

498156

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

Project	New Golden Gate	Geologist	DG Jackson	Easting	574483m	Hole No	RC99MT062
Start Date	4.7.99	Drillers	Diamond Drill Tas	Northing	5406545	Azimuth	270 AMG
End Date	5.7.99	Hole Depth	90m	RL	326m	Inclination	50

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone & Sandstone, fg, fresh	0.5% su		3	w	31	33	107377
31	32	lgr	Siltstone & Sandstone, fg, fresh			0		33	35	107378
32	33	lgr	Siltstone & Sandstone, fg, fresh			2	w	35	37	107379
33	34	lgr	Siltstone & Sandstone, fg, fresh			0		37	39	107380
34	35	lgr	Siltstone & Sandstone, fg, fresh			0.5	w	39	41	107381
35	36	lgr	Siltstone & Sandstone, fg, fresh	Tr py		3	w	41	42	107382
36	37	lgr	Siltstone & Sandstone, fg, fresh			0		42	43	107383
37	38	lgr	Siltstone, fresh	Tr py		0		43	44	107384
38	39	lgr	Siltstone, fresh	1% py		3	w	44	45	107385
39	40	lgr	Siltstone, fresh	0.5% py		3	w	45	47	107386
40	41	lgr	Siltstone, fresh	0.5% py		3	w	47	49	107387
41	42	lgr	Siltstone, fresh	1% fg py/asp?		15	w gr	49	51	107388
42	43	lgr	Siltstone, fresh	1% fg py/asp?		80	gr w	51	53	107389
43	44	lgr	Siltstone, fresh	1% fg py/asp?		70	gr w	53	55	107390
44	45	dgr	Siltstone, fresh			5	w gr	55	57	107391
45	46	dgr	Siltstone, fresh			1	w	57	59	107392
46	47	dgr	Siltstone, fresh			0		59	61	107393
47	48	dgr	Siltstone, fresh			0				
48	49	dgr	Siltstone, fresh	0.5% py		1	w			
49	50	dgr	Siltstone, fresh	Tr py		0				
50	51	dgr	Siltstone, fresh	Tr py		0				
51	52	dgr	Siltstone, fresh			0				
52	53	dgr	Siltstone, fresh			0				
53	54	lgr	Siltstone & Sandstone, fg, fresh	1% py dissemin in seds		3	gr w			
54	55	lgr	Sandstone, fg & Siltstone, fresh	1% py dissemin in seds		1	gr w			
55	56	lgr	Sandstone, fg & Siltstone, fresh	0.5% py dissemin in seds		0.5	w			
56	57	lgr	Sandstone, fg & Siltstone, fresh	0.5% py dissemin in seds		1	w			
57	58	lgr	Siltstone & Sandstone, fg, fresh	Tr su		3	w			
58	59	lgr	Siltstone & Sandstone, fg, fresh			0				
59	60	lgr	Siltstone, fresh	Tr py		0				

498157

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

Aspect	New Golden Gate	Geologist	DG Jackson	Easting	574483m	Hole No	RC99MT062
Site Commenced	4.7.99	Drillers	Diamond Drill Tas	Northing	5406545	Azimuth	270 AMG
Site Completed	5.7.99	Hole Depth	90m	RL	326m	Inclination	50

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	61	lgr	Siltstone & Sandstone, fg, fresh	0.5% py		3	w	61	63	107394
31	62	lgr	Sandstone, fg & Siltstone, fresh	0.5% py		15	w	63	65	107395
32	63	gr	Siltstone & Sandstone, fg, fresh			3	w	65	67	107396
33	64	l&dgr	Siltstone, fresh	Tr py		3	w	67	69	107397
34	65	dgr	Siltstone, fresh			1	w	69	71	107398
35	66	lgr	Sandstone, fg & Siltstone, fresh			0		71	73	107399
36	67	lgr	Sandstone, fg & Siltstone, fresh			5	w	73	75	107400
37	68	lgr	Siltstone & Sandstone, fg, fresh	Tr su		2	w	75	77	107401
38	69	lgr	Siltstone & Sandstone, fg, fresh	Tr py		5	w	77	79	107402
39	70	lgr	Siltstone & Sandstone, fg, fresh	0.5% py		0.5	w	79	81	107403
70	71	gr	Siltstone, fresh	Tr su		1	w	81	83	107404
71	72	gr	Siltstone, fresh			1	w	83	85	107405
72	73	gr	Sandstone, fg & Siltstone, fresh			1	w	85	87	107406
73	74	gr	Siltstone & Sandstone, fg, fresh			20	w	87	90	107407
74	75	lgr	Sandstone, fg & Siltstone, fresh			5	w			
75	76	gr	Sandstone, fg & Siltstone, fresh			3	w			
76	77	lgr	Siltstone & Sandstone, fg, fresh			10	w			
77	78	lgr	Sandstone, fg & Siltstone, fresh			2	w			
78	79	gr	Sandstone, fg & Siltstone, fresh			2	w			
79	80	lgr	Sandstone, fg & Siltstone, fresh			10	w			
80	81	gr	Sandstone, fg & Siltstone, fresh			10	w			
81	82	gr	Siltstone & Sandstone, fg, fresh			10	w			
82	83	lgr	Siltstone & Sandstone, fg, fresh			5	w			
83	84	gr	Siltstone, fresh			2	w	Surveys		
84	85	gr	Siltstone, fresh			5	w			
85	86	gr	Siltstone, fresh			0		Depth	Azimuth	Inclination
86	87	gr	Siltstone, fresh	Tr py		1	w	30	260	45
87	88	gr	Siltstone, fresh			3	w	60	259	42.5
88	89	lgr	Siltstone, fresh	0.5% py		3	w	90	258	41.5
89	90	lgr	Siltstone, fresh	EOH at 90m		0				

498158