

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

Prospect	New Golden Gate	Geologist	D G Jackson	Easting	574443.2m	Hole No	RC98MT031
Date Commenced	1.11.98	Drillers	Diamond Drill Tas	Northing	5406666.7m	Azimuth	270 AMG
Date Completed	2.11.98	Hole Depth	109m	RL	327m	Inclination	55

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr	Siltstone, weathered			5	w fr	0	2	105218
1	2	lbr	Siltstone, weathered			0		2	4	105219
2	3	lbr	Siltstone, weathered			10	w fe	4	5	105220
3	4	lbr	Siltstone, weathered			30	w fe	5	7	105221
4	5	lbr	Siltstone, weathered			80	w fe	7	9	105222
5	6	lbr	Siltstone, weathered			10	w fe	9	11	105223
6	7	lbr	Siltstone, weathered			2	w fe	11	13	105224
7	8	lbr	Siltstone, weathered			1	w fe	13	15	105225
8	9	lbr	Siltstone, weathered			5	w fe	15	17	105226
9	10	lbr	Siltstone, weathered			1	w fe	17	19	105227
10	11	lbr	Siltstone, weathered			0		19	22	105228
11	12	lbr	Siltstone, weathered			0		22	24	105229
12	13	lbr	Siltstone, weathered			1	w fe	24	26	105230
13	14	lbr	Siltstone & Sandstone, weathered			2	w fe	26	28	105231
14	15	lbr	Siltstone, weathered			0		28	30	105232
15	16	lbr	Siltstone, weathered			0				
16	17	lbr	Siltstone & minor sandstone, weathered			0				
17	18	lbr	Siltstone, weathered			1	w			
18	19	lbr	Siltstone, weathered			0.5	fe			
19	20	lbr	Siltstone & minor sandstone, weathered			0.5	fe			
20	21	lbr	Siltstone & Sandstone, weathered			0				
21	22	lbr	Siltstone & minor sandstone, weathered			0				
22	23	lbr	Siltstone & minor sandstone, weathered			3	w fe			
23	24	lbr	Siltstone & minor sandstone, weathered			3	w fe			
24	25	lbr	Siltstone, weathered			2	w fe			
25	26	lbr	Siltstone & minor sandstone, weathered			2	w fe			
26	27	lgr	Siltstone & minor sandstone, partly weathered			5	w fe			
27	28	lgr	Sandstone & minor siltstone, partly weathered			10	w fe			
28	29	l&dgr	Sandstone & minor siltstone, partly weathered			0				
29	30	lgr	Siltstone, slightly weathered			0				

498054

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

Prospect	New Golden Gate	Geologist	D G Jackson	Easting	574443.2m	Hole No	RC98MT031
Date Commenced	1.11.98	Drillers	Diamond Drill Tas	Northing	5406666.7m	Azimuth	270 AMG
Date Completed	2.11.98	Hole Depth	109m	RL	327m	Inclination	55

Depth		Lithology					Sampling				
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No	
30	31	lgr	Siltstone, fresh			1	w	30	32	105233	
31	32	lgr	Siltstone, fresh			1	w	32	34	105234	
32	33	l&dgr	Sandstone, fg, fresh			1	w	34	36	105235	
33	34	l&dgr	Sandstone, fg & Siltstone, fresh			1	w	36	38	105236	
34	35	lgr	Sandstone, fg & Siltstone, fresh	2% py		15	w	38	39	105237	
35	36	lgr	Sandstone, fg, fresh	2% py		10	w	39	40	105238	
36	37	lgr	Sandstone, fg & Siltstone, fresh	0.5%py		15	w	40	41	105239	
37	38	lgr	Sandstone, fg & Siltstone, fresh	Damp	Tr asp	30	w	41	43	105240	
38	39	l&dgr	Sandstone, fg & Siltstone, fresh		0.5% asp	bio	25	w	43	44	105241
39	40	lgr	Sandstone, fg & Siltstone, fresh		2% asp		30	w gr	44	46	105242
40	41	l&dgr	Sandstone, fg & Siltstone, fresh		Tr asp	bio	5	w	46	48	105243
41	42	lgr	Sandstone, fg & Siltstone, fresh		Tr py		50	w	48	49	105244
42	43	lgr	Siltstone, fresh		Tr py		30	w	49	50	105245
43	44	lgr	Siltstone, fresh			Tr carb	2	w	50	52	105246
44	45	lgr	Siltstone, fresh		Tr py	Tr carb	20	w	52	54	105247
45	46	l&dgr	Siltstone, fresh		1% py 0.5%asp	Tr carb	40	w gr	54	56	105248
46	47	lgr	Siltstone, fresh		Tr py	Tr carb	2	w	56	58	105249
47	48	l&dgr	Siltstone & minor sandstone, fresh		1% py		20	w	58	60	105250
48	49	lgr	Siltstone, fresh		1% py/asp		80	w gr			
49	50	lgr	Siltstone, fresh		1% py		50	w gr			
50	51	l&dgr	Siltstone, fresh		0.5%py		20	w			
51	52	l&dgr	Siltstone, fresh		0.5%py		20	w			
52	53	l&dgr	Siltstone, fresh		Tr py		20	ww			
53	54	l&dgr	Siltstone, fresh				1	w			
54	55	l&dgr	Siltstone, fresh		Tr py		1	w			
55	56	l&dgr	Siltstone, fresh				0				
56	57	dgr	Siltstone, fresh				0				
57	58	dgr	Siltstone, fresh				1	w			
58	59	lgr	Sandstone, fg & Siltstone, fresh				30	w			
59	60	l&dgr	Siltstone, fresh				0				

498055

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

Prospect	New Golden Gate	Geologist	D G Jackson	Easting	574443.2m	Hole No	RC98MT031
Date Commenced	1.11.98	Drillers	Diamond Drill Tas	Northing	5406666.7m	Azimuth	270 AMG
Date Completed	2.11.98	Hole Depth	109m	RL	327m	Inclination	55

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
60	61	dgr	Siltstone, fresh	Tr py		1	w	60	62	105251
61	62	d&lgr	Siltstone, fresh	Tr py		0		62	63	105252
62	63	lgr	Siltstone, fresh	2% py		30	w	63	65	105253
63	64	l&dgr	Siltstone, fresh			0		65	67	105254
64	65	l&dgr	Siltstone, fresh			50	w	67	69	105255
65	66	l&dgr	Siltstone, fresh			0		69	71	105256
66	67	l&dgr	Siltstone, fresh	1% py		2	w	71	73	105257
67	68	lgr	Siltstone, fresh			0.5		73	75	105258
68	69	l&dgr	Siltstone, fresh			0		75	77	105259
69	70	l&dgr	Siltstone, fresh	Tr py		0		77	79	105260
70	71	lgr	Siltstone, fresh			0		79	81	105261
71	72	lgr	Siltstone, fresh			0		81	83	105262
72	73	l&dgr	Siltstone, fresh	Tr py		0		83	85	105263
73	74	lgr	Siltstone, fresh			0		85	87	105264
74	75	lgr	Siltstone, fresh			0		87	89	105265
75	76	d&lgr	Siltstone, fresh			0		89	91	105266
76	77	lgr	Siltstone, fresh	Tr py		0				
77	78	lgr	Siltstone, fresh			0				
78	79	lgr	Siltstone, fresh			0				
79	80	lgr	Siltstone, fresh			0				
80	81	lgr	Siltstone & minor sandstone, fresh			2	w			
81	82	lgr	Siltstone, fresh	Tr py		0.5	w			
82	83	lgr	Siltstone, fresh			0	w			
83	84	l&dgr	Siltstone, fresh			2	w			
84	85	lgr	Siltstone, fresh			0				
85	86	lgr	Siltstone, fresh			0				
86	87	lgr	Siltstone, fresh			1	w			
87	88	lgr	Siltstone, fresh			0				
88	89	lgr	Siltstone, fresh			2	w			
89	90	lgr	Siltstone, fresh	Tr py		1	w			

498056

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

Prospect	New Golden Gate	Geologist	D G Jackson	Easting	574443.2m	Hole No	RC98MT031
Date Commenced	1.11.98	Drillers	Diamond Drill Tas	Northing	5406666.7m	Azimuth	270 AMG
Date Completed	2.11.98	Hole Depth	109m	RL	327m	Inclination	55

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
90	91	lgr	Siltstone, fresh			1	w	91	93	105267
91	92	lgr	Siltstone, fresh			1	w	93	95	105268
92	93	lgr	Siltstone, fresh			1	w	95	97	105269
93	94	lgr	Siltstone, fresh			0		97	99	105270
94	95	lgr	Siltstone, fresh			0		95	97	105271
95	96	lgr	Siltstone, fresh			20	w	97	99	105272
96	97	lgr	Siltstone, fresh			0.5	w	99	101	109271
97	98	lgr	Siltstone, fresh			0		101	103	109272
98	99	lgr	Siltstone, fresh			3	w	103	105	109273
99	100	lgr	Siltstone, fresh			1	w	105	107	109274
100	101	lgr	Siltstone & minor sandstone, fresh			2	w	107	109	109275
101	102	lgr	Siltstone, fresh			0				
102	103	lgr	Siltstone, fresh			0				
103	104	lgr	Siltstone, fresh			1	w			
104	105	lgr	Siltstone, fresh			0				
105	106	lgr	Siltstone, fresh			0				
106	107	lgr	Siltstone & minor sandstone, fresh			0				
107	108	lgr	Siltstone, fresh			0				
108	109	lgr	Siltstone, fresh			0				
109	110									
110	111		EOH at 109m							
111	112									
112	113									
113	114									
114	115									
115	116									
116	117									
117	118									
118	119									
119	120									

498057