

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

Prospect	New Golden Gate	Geologist	DG Jackson	Easting	574570m	Hole No	RC99MT049
Date Commenced	16.6.99	Drillers	Diamond Drill Tas	Northing	5406725m	Azimuth	270 AMG
Date Completed	17.6.99	Hole Depth	109m	RL	309m	Inclination	55

Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1		No Recovery					2	5	106150
1	2		No Recovery					5	7	106151
2	3	br	Clay			0		7	9	106152
3	4	br	Clay			0		9	11	106153
4	5	br	Clay, v small sample			10	fe w	11	13	106154
5	6	br	Sandstone, fg & Siltstone, ferruginous & weathered			20	fe w	13	15	106155
6	7	br	Sandstone, fg, Siltstone, ferruginous, weathered & Clay			50	fe w	15	17	106156
7	8	br	Sandstone, fg, weathered & minor silt	70		20	w fe	17	19	106157
8	9	br	Siltstone, weathered & minor sandstone			0		19	21	106158
9	10	br	Siltstone, weathered	Cement contaminated		0		21	23	106159
10	11	ybr	Siltstone, weathered	Cement contaminated		0		23	25	106160
11	12	ybr	Siltstone, weathered	Cement contaminated		0		25	27	106161
12	13	ybr	Siltstone, weathered	Cement contaminated		0		27	28	106162
13	14	lgr	Siltstone, tr weathering			0		28	29	106163
14	15	lgr	Siltstone & Sandstone, fg, tr weathering			0		29	30	106164
15	16	lgr	Siltstone & Sandstone, fg, tr weathering			0				
16	17	lgr	Siltstone & Sandstone, fg, fresh			0				
17	18	lgr	Siltstone & Sandstone, fg, fresh	0.5% py		0				
18	19	lgr&g	Siltstone & Sandstone, fg, fresh			0				
19	20	dgr&g	Siltstone, fresh			0				
20	21	lgr	Siltstone & Sandstone, fg, fresh	0.5% py		0				
21	22	lgr	Siltstone & Sandstone, fg, fresh			0				
22	23	lgr	Siltstone & Sandstone, fg, fresh			0				
23	24	lgr	Sandstone, fg, fresh			0				
24	25	lgr	Sandstone, fg, fresh			0				
25	26	lgr	Siltstone & Sandstone, fg, fresh			0				
26	27	lgr	Sandstone, fg & Siltstone, fresh		Py spotting	0				
27	28	lgr	Sandstone, fg & Siltstone, fresh	Tr py		20	w			
28	29	lgr	Sandstone, fg & Siltstone, fresh	0.5% py		50	w			
29	30	lgr	Siltstone & Sandstone, fg, fresh			30	w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone & Sandstone, fg, fresh		Py spotting	0.5	w	30	31	106165
31	32	lgr	Siltstone & Sandstone, fg, fresh	Tr py in seds		60	w	31	32	106166
32	33	lgr	Siltstone & Sandstone, fg, fresh	Tr py in seds		60	w	32	33	106167
33	34	lgr	Siltstone & Sandstone, fg, fresh			5	w	33	35	106168
34	35	lgr	Siltstone & Sandstone, fg, fresh		Py spotting	1	w	35	37	106169
35	36	lgr	Siltstone & Sandstone, fg, fresh		Py spotting	2	w	37	39	106170
36	37	lgr	Siltstone & Sandstone, fg, fresh		Py spotting	1	w	39	41	106171
37	38	lgr	Siltstone & Sandstone, fg, fresh			25	w	41	43	106172
38	39	lgr	Siltstone & Sandstone, fg, fresh	0.5% py	Py spotting	20	w	43	45	106173
39	40	lgr	Sandstone, fg & Siltstone, fresh	Tr py	Py spotting	0		45	47	106174
40	41	lgr	Siltstone & Sandstone, fg, fresh			2	w	47	49	106175
41	42	lgr	Sandstone, fg & Siltstone, fresh	0.5% py		0.5	w	49	51	106176
42	43	lgr	Sandstone, fg & Siltstone, fresh			0		51	53	106177
43	44	lgr	Siltstone & Sandstone, fg, fresh			0		53	55	106178
44	45	lgr	Siltstone & Sandstone, fg, fresh			0		55	57	106179
45	46	lgr	Siltstone & Sandstone, fg, fresh			0		57	59	106180
46	47	lgr	Siltstone & Sandstone, fg, fresh			0.5	w	59	61	106181
47	48	lgr	Sandstone, fg & Siltstone, fresh			1	w			
48	49	lgr	Siltstone & Sandstone, fg, fresh	0.5% py	Py spotting	0				
49	50	lgr	Siltstone & Sandstone, fg, fresh	Tr py		0				
50	51	lgr	Siltstone & Sandstone, fg, fresh			0				
51	52	lgr	Siltstone & Sandstone, fg, fresh	Tr py		0				
52	53	lgr	Siltstone & Sandstone, fg, fresh			0				
53	54	lgr	Sandstone, fg & Siltstone, fresh			1	w			
54	55	lgr	Sandstone, fg & Siltstone, fresh	Tr py		1	w			
55	56	lgr	Siltstone & Sandstone, fg, fresh			0				
56	57	lgr	Sandstone, fg & Siltstone, fresh			2	w			
57	58	lgr	Sandstone, fg & Siltstone, fresh	Tr su		10	w			
58	59	lgr	Siltstone & Sandstone, fg, fresh			0				
59	60	lgr	Siltstone & Sandstone, fg, fresh			0				

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
60	61	lgr	Sandstone, fg & Siltstone, fresh	0.5% py		0		61	63	106182
61	62	lgr	Sandstone, fg & Siltstone, fresh			0		63	64	106183
62	63	lgr	Sandstone, fg & Siltstone, fresh	Tr py		1	w	64	65	106184
63	64	lgr	Sandstone, fg & Siltstone, fresh	3% fg py/asp 1 vg		70	w gr	65	67	106185
64	65	lgr	Sandstone, fg & Siltstone, fresh	3% fg py/asp	laminated	80	w gr	67	69	106186
65	66	lgr	Siltstone & Sandstone, fg, fresh	Tr su		1	w gr	69	70	106187
66	67	lgr	Siltstone & Sandstone, fg, fresh	Tr su		0		70	71	106188
67	68	lgr	Siltstone & Sandstone, fg, fresh	0.5% py	Py spotting	0		71	72	106189
68	69	lgr	Siltstone & Sandstone, fg, fresh	Tr py		0		72	73	106190
69	70	lgr	Sandstone, fg & Siltstone, fresh	0.5% py/asp?		10	w gr	73	74	106191
70	71	lgr	Sandstone, fg & Siltstone, fresh	1% py		5	w	74	75	106192
71	72	lgr	Sandstone, fg & Siltstone, fresh	3% py/cg asp		20	w gr	75	76	106193
72	73	lgr	Sandstone, fg & Siltstone, fresh	2% py/cg asp 5vg (tiny)		50	w gr	76	77	106194
73	74	lgr	Siltstone & Sandstone, fg, fresh	1% py/cg asp		5	w	77	78	106195
74	75	lgr	Siltstone & Sandstone, fg, fresh	0.5% py		3	w	78	80	106196
75	76	lgr	Siltstone & Sandstone, fg, fresh			50	w	80	81	106197
76	77	lgr	Siltstone & Sandstone, fg, fresh	0.5% cg asp		60	w	81	82	106198
77	78	lgr	Siltstone & Sandstone, fg, fresh	0.5% py/cg asp		5	w	82	83	106199
78	79	lgr	Siltstone & Sandstone, fg, fresh	Tr su		15	w	83	84	106200
79	80	lgr	Sandstone, fg, fresh			5	w	84	85	106201
80	81	lgr	Sandstone, fg & Siltstone, fresh	0.5% py		40	w	85	86	106202
81	82	lgr	Siltstone & Sandstone, fg, fresh	2% cg asp 3vg (tiny)		25	w	86	87	106203
82	83	lgr	Siltstone & Sandstone, fg, fresh	2% cg asp		30	w	87	88	106204
83	84	l&dgr	Siltstone & Sandstone, fg, fresh	0.5% py		10	w	88	89	106205
84	85	l&dgr	Siltstone & Sandstone, fg, fresh	1% py/asp		20	w gr	89	91	106206
85	86	l&dgr	Sandstone, fg & Siltstone, fresh	0.5% py		20	gr w			
86	87	lgr	Siltstone, fresh	0.5% py		20	w			
87	88	lgr	Siltstone & Sandstone, fg, fresh	2% py/asp		40	w			
88	89	dgr	Siltstone, fresh	5% py		98	w gr			
89	90	dgr	Siltstone, fresh	0.5% py		3	gr w			

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