

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

Prospect	New Golden Gate	Geologist	D G Jackson	Easting	574487.6m	Hole No	RC98MT032
Date Commenced	2.11.98	Drillers	Diamond Drill Tas	Northing	5406666.3m	Azimuth	270 AMG
Date Completed	3.11.98	Hole Depth	97m	RL	317.9m	Inclination	55

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr	Clay & Siltstone, weathered - probably old dump			50	w fe	0	1	105276
1	2	rbr	Clay & Siltstone, weathered - probably old dump			70	w fe	1	2	105277
2	3	rbr	Clay & Siltstone, weathered - probably old dump			50	w fe	2	3	105278
3	4	rbr	Clay & Siltstone, weathered - probably old dump			40	w fe	3	4	105279
4	5	ybr	Siltstone & Clay, weathered			2	w	4	6	105280
5	6	ybr	Siltstone, weathered			0		6	8	105281
6	7	ybr	Siltstone, weathered			0		8	9	105282
7	8	ybr	Siltstone, weathered			10	w fe	9	11	105283
8	9	ybr	Siltstone, weathered			70	w fe	11	13	105284
9	10	ybr	Siltstone, weathered			3	w fe	13	15	105285
10	11	ybr	Siltstone, weathered			0		15	16	105286
11	12	ybr	Siltstone, weathered			0		16	17	105287
12	13	lbr	Siltstone, weathered			0		17	18	105288
13	14	lbr	Siltstone, weathered			1	w	18	19	105289
14	15	lbr	Siltstone, weathered			3	w fe	19	20	105290
15	16	lbr	Siltstone, weathered			50	w fe	20	21	105291
16	17	lbr	Siltstone, weathered, ferruginous			90	w fe gr	21	23	105292
17	18	lbr	Siltstone & Sandstone, weathered, ferruginous			80	w fe	23	25	105293
18	19	lbr	Siltstone, weathered			80	w fe	25	27	105294
19	20	lgrbr	Siltstone, weathered			25	w fe	27	29	105295
20	21	lbr	Siltstone, weathered			40	w fe			
21	22	lgr	Siltstone, partly weathered	0.5% asp		10	w gr			
22	23	lgr	Sandstone, fg, partly weathered	Tr py/asp		30	w			
23	24	lgr	Sandstone, fg, partly weathered	Tr asp		30	w			
24	25	lgr	Sandstone, fg, partly weathered	1% asp/py		20	w gr			
25	26	lgr	Sandstone, fg, fresh	1% asp/py		20	w gr			
26	27	lgr	Sandstone, fg, fresh	0.5% asp/py		2	w gr			
27	28	l&dgr	Sandstone, fg, fresh	Tr asp		10	w			
28	29	lgr	Siltstone, fresh	0.5% asp		2	w gr			
29	30	lgr	Siltstone, fresh			1	w			

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Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone, fresh			1	w	29	31	105296
31	32	lgr	Siltstone, fresh			0		31	33	105297
32	33	lgr	Siltstone, fresh			0		33	35	105298
33	34	lgr	Siltstone, fresh	Tr asp		1	w	35	37	105299
34	35	lgr	Siltstone, fresh			0		37	39	105300
35	36	lgr	Siltstone, fresh	0.5% py/asp		3	w	39	41	105301
36	37	lgr	Siltstone, fresh			0		41	43	105302
37	38	lgr	Siltstone, fresh	Tr Su		1	w	43	45	105303
38	39	lgr	Siltstone, fresh	0.5% py		2	w	45	47	105304
39	40	l&dgr	Siltstone & Sandstone, fresh	Tr py	bio	1	w	47	49	105305
40	41	lgr	Siltstone, fresh			5	w	49	51	105306
41	42	lgr	Siltstone, fresh	Tr py		0		51	53	105307
42	43	lgr	Siltstone & Sandstone, fresh			0		53	55	105308
43	44	lgr	Siltstone, fresh			0		55	58	105309
44	45	lgr	Siltstone, fresh	Tr Su		5	w	58	60	105310
45	46	lgr	Siltstone, fresh	Tr asp		5	w			
46	47	lgr	Siltstone & Sandstone, fresh	Tr asp		10	w			
47	48	lgr	Siltstone & Sandstone, fresh			0.5	w			
48	49	lgr	Sandstone, fg, fresh			0				
49	50	lgr	Siltstone & Sandstone, fresh			1	w			
50	51	lgr	Siltstone & Sandstone, fresh			2	w			
51	52	lgr	Siltstone & Sandstone, fresh			15	w			
52	53	lgr	Siltstone, fresh			3	w			
53	54	lgr	Sandstone, fg & Siltstone, fresh			3	ww			
54	55	lgr	Siltstone & Sandstone, fresh			10	w			
55	56	lgr	Siltstone & Sandstone, fresh			2	w			
56	57	lgr	Siltstone & Sandstone, fresh			5	w			
57	58	lgr	Sandstone, fg, fresh			5	w			
58	59	lgr	Sandstone, fg, fresh	Tr asp		5	w			
59	60	lgr	Siltstone, fresh			0				

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
60	61	lgr	Siltstone, fresh	Tr asp		3	w gr	60	62	105311
61	62	lgr	Siltstone, fresh			5	w	62	64	105312
62	63	lgr	Siltstone, fresh			3	w	64	65	105313
63	64	lgr	Siltstone, fresh	Tr py		3	w	65	66	105314
64	65	lgr	Siltstone, fresh	Tr py/asp		30	w	66	67	105315
65	66	lgr	Siltstone, fresh	Tr py/asp		80	w gr	67	68	105316
66	67	lgr	Siltstone, fresh	Tr py/asp		60	w	68	70	105317
67	68	lgr	Siltstone, fresh	Tr asp		20	w	70	72	105318
68	69	lgr	Siltstone, fresh			0		72	74	105319
69	70	lgr	Siltstone, fresh			0		74	76	105320
70	71	lgr	Siltstone, fresh			0		76	78	105321
71	72	lgr	Siltstone, fresh			0		78	80	105322
72	73	lgr	Siltstone, fresh			0		80	82	105323
73	74	lgr	Siltstone, fresh			1	w	82	84	105324
74	75	lgr	Siltstone, fresh			15	w	84	86	105325
75	76	lgr&cm	Siltstone, fresh, bleached appearance			2	w	86	88	105326
76	77	lgr&cm	Siltstone, fresh, bleached appearance			0.5	w	88	90	105327
77	78	lgr	Siltstone, fresh			0.5	w			
78	79	lgr	Siltstone, fresh	Tr asp		0.5	w			
79	80	lgr	Siltstone & Sandstone, fg, fresh			0				
80	81	lgr	Siltstone & Sandstone, fg, fresh			0.5	w			
81	82	lgr&cm	Siltstone & Sandstone, fg, fresh			0.5	w			
82	83	lgr	Siltstone, fresh			0				
83	84	lgr&cm	Siltstone & minor sandstone, fresh	Tr py		0				
84	85	lgr	Siltstone & minor sandstone, fresh	Tr py		0				
85	86	dgr&kh	Siltstone & minor sandstone, fresh			0				
86	87	kh&dgr	Siltstone, fresh			0				
87	88	lgr&g	Siltstone, fresh			30	cm			
88	89	lgr	Siltstone, fresh			1	w			
89	90	lgr	Siltstone, fresh			40	w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
90	91	lgr	Siltstone, fresh			3	w	90	92	105328
91	92	lgr	Siltstone & Sandstone, fg, fresh			50	w	92	94	105329
92	93	lgr&kh	Sandstone, fg, fresh			3	w	94	97	105330
93	94	lgkh	Sandstone, fg, fresh			3	w			
94	95	lgr&cm	Sandstone, fg, fresh			0.5	w			
95	96	lgr	Sandstone, fg, fresh			0.5	w			
96	97	lgr	Sandstone, fg & Siltstone, fresh			0.5	w			
97	98									
98	99		EOH at 97m							
99	100									
100	101									
101	102									
102	103									
103	104									
104	105									
105	106									
106	107									
107	108									
108	109									
109	110									
110	111									
111	112									
112	113									
113	114									
114	115									
115	116									
116	117									
117	118									
118	119									
119	120									

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