

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

Prospect	New Golden Gate	Geologist	D G Jackson	Easting	574523.2m	Hole No	RC98MT033
Date Commenced	3.11.98	Drillers	Diamond Drill Tas	Northing	5406666.6m	Azimuth	270 AMG
Date Completed	4.11.98	Hole Depth	97m	RL	316.1m	Inclination	55

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lgr	Clay)					2	4	105331
1	2		No Sample Return)					4	5	105332
2	3	dgr	Siltstone, fresh & Wood Fragments)	Fill to ~4.5m		40	w gr	5	6	105333
3	4	br	Clay & Siltstone, fresh)			20	gr	6	7	105334
4	5	ybr	Clay)			0		7	8	105335
5	6	ybr	Clay			50	w fe	8	9	105336
6	7	ybr&cm	Clay			90	w fe	9	10	105337
7	8	ybr	Clay - some fill contamination			90	w fe	10	11	105338
8	9	ybr	Clay			90	w fe	11	13	105339
9	10	ybr	Clay			80	w fe	13	15	105340
10	11	ybr&w	Clay			60	w fe	15	17	105341
11	12	ybr&w	Siltstone & minor sandstone, weathered			0		17	19	105342
12	13	ybr	Siltstone, weathered			1	w fe	19	21	105343
13	14	ybr	Siltstone, weathered			2	w fe	21	23	105344
14	15	ybr	Siltstone, weathered			0		23	25	105345
15	16	ybr&gr	Siltstone, weathered			0		25	27	105346
16	17	ybr&gr	Siltstone, weathered			0		27	29	105347
17	18	ybr&gr	Siltstone, weathered			0				
18	19	ybr&gr	Siltstone, weathered			0				
19	20	ybr&gr	Siltstone, partly weathered			2	w fe			
20	21	lgr	Siltstone, fresh			0				
21	22	lgr	Siltstone, trace weathering			0				
22	23	lgr	Siltstone, trace weathering	Tr py		0				
23	24	lgr	Siltstone, trace weathering	Tr py		0.5	w fe			
24	25	lgr	Siltstone, fresh			0				
25	26	lgr	Siltstone, fresh			1	w			
26	27	lgr	Siltstone, fresh			2	w fe			
27	28	lgr	Siltstone, fresh	Tr py		0.5	w			
28	29	lgr	Siltstone, fresh			4	w			
29	30	lgr	Siltstone, fresh	1% py		5	w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone, fresh			0		29	31	105348
31	32	lgr	Siltstone, fresh	0.5% py		1	w gr	31	33	105349
32	33	lgr	Siltstone, fresh			1	gr	33	35	105350
33	34	lgr	Siltstone, fresh			0		35	37	105351
34	35	lgr	Siltstone, fresh			3	w	37	38	105352
35	36	lgr	Siltstone, fresh			0		38	39	105353
36	37	lgr	Siltstone, fresh	1% py		1	w	39	41	105354
37	38	lgr	Siltstone, fresh	1% py/asp		40	w	41	43	105355
38	39	dgr	Siltstone, fresh	2% py/asp		40	w gr	43	45	105356
39	40	dgr	Siltstone, fresh			20	w	45	47	105357
40	41	dgr	Siltstone, fresh	Tr py		5	w	47	49	105358
41	42	dgr	Siltstone, fresh	0.5% py/asp		20	w	49	50	105359
42	43	dgr	Siltstone, fresh	0.5% py		50	w	50	52	105360
43	44	lgr	Siltstone, fresh	0.5% py		0		52	54	105361
44	45	dgr	Siltstone, fresh	0.5% py		0		54	56	105362
45	46	lgr	Siltstone, fresh			60	w	56	57	105363
46	47	lgr	Siltstone, fresh	0.5% py		30	w	57	58	105364
47	48	dgr	Siltstone, fresh	Tr py		20	w	58	59	105365
48	49	d&lgr	Siltstone, fresh	Tr py		10	w gr	59	60	105366
49	50	lgr	Siltstone, fresh	Damp sample	1% asp	40	w gr			
50	51	dgr	Siltstone, fresh			0				
51	52	dgr	Siltstone, fresh			0				
52	53	dgr	Siltstone, fresh	Tr su		0				
53	54	dgr	Siltstone, fresh			0				
54	55	lgr	Siltstone, fresh	1% py/asp		2	w gr			
55	56	lgr	Siltstone, fresh	Tr asp		1	w gr			
56	57	lgr	Siltstone, fresh	0.5% py	0.5% carb	0				
57	58	lgr	Siltstone, fresh	1% asp/py		50	w gr			
58	59	lgr	Siltstone, fresh	2% asp/py		40	w gr			
59	60	lgr	Siltstone, fresh	1% asp/py		40	w gr			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
60	61	lgr	Siltstone, fresh	0.5% asp		20	w gr	60	61	105367
61	62	lgr	Siltstone, fresh	Tr asp		2	w	61	63	105368
62	63	lgr	Siltstone, fresh	Tr asp		1	w gr	63	65	105369
63	64	lgr	Siltstone, fresh	0.5% py/asp		10	w gr	65	67	105370
64	65	lgr	Siltstone, fresh	Tr asp		2	w gr	67	69	105371
65	66	lgr	Siltstone, fresh	0.5% py/asp	Tr carb	40	w	69	71	105372
66	67	lgr	Siltstone, fresh	0.5% py/asp		10	w	71	73	105373
67	68	lgr	Siltstone, fresh			15	w	73	75	105374
68	69	lgr	Siltstone, fresh	1% py		5	w gr	75	76	105375
69	70	lgr	Siltstone, fresh	1% py		5	w gr	76	77	105376
70	71	lgr	Siltstone, fresh	0.5% py		20	w gr	77	78	105377
71	72	lgr	Siltstone, fresh	0.5% py		2	w	78	79	105378
72	73	lgr	Siltstone, fresh	Tr py		1	w	79	80	105379
73	74	lgr	Siltstone, fresh	0.5% py		1	w	80	82	105380
74	75	lgr	Siltstone, fresh	Tr py		1	w	82	84	105381
75	76	lgr	Siltstone, fresh	0.5% py/asp		15	w gr	84	86	105382
76	77	lgr	Siltstone, fresh	2% py/asp		80	gr w	86	88	105383
77	78	lgr	Siltstone, fresh	3% asp vg?		95	gr w	88	90	105384
78	79	lgr&g	Siltstone, fresh	3% asp		30	gr			
79	80	lgr&g	Siltstone, fresh	0.5% py/asp		30	w			
80	81	lgr&g	Siltstone, fresh	Tr py		0				
81	82	lgr&g	Siltstone, fresh			1	w			
82	83	lgr&g	Siltstone, fresh	Tr py		1	w			
83	84	lgr&g	Siltstone, fresh	Tr asp/py		1	gr			
84	85	lgr&g	Siltstone, fresh			1	w			
85	86	lgr&g	Siltstone, fresh	Tr py		1	gr			
86	87	lgr&g	Siltstone & Sandstone, fg, fresh			0.5	w			
87	88	lgr&g	Siltstone & Sandstone, fg, fresh	Tr py		0				
88	89	lgr&g	Siltstone & Sandstone, fg, fresh	Tr py		0				
89	90	lgr&g	Siltstone & Sandstone, fg, fresh			0				

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
90	91	lgr&g	Siltstone & Sandstone, fg, fresh	Tr py		0.5	w	90	92	105384
91	92	lgr&g	Siltstone & Sandstone, fg, fresh	Tr asp		1	w gr	92	93	105385
92	93	lgr&g	Siltstone & Sandstone, fg, fresh	0.5% py/asp		30	w gr	93	95	105386
93	94	lgr&g	Siltstone, fresh	Tr py		1	gr	95	97	105387
94	95	lgr&g	Siltstone, fresh	Tr py		1	gr			
95	96	lgr&g	Siltstone & Sandstone, fg, fresh			1	w			
96	97	lgr&g	Siltstone & Sandstone, fg, fresh			1	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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