

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

Prospect	New Golden Gate	Geologist	D G Jackson	Easting	574461.5m	Hole No	RC98MT027
Date Commenced	28.10.98	Drillers	Diamond Drill Tas	Northing	5406600m	Azimuth	290 AMG
Date Completed	29.10.98	Hole Depth	91m	RL	325.9m	Inclination	60

Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr	Siltstone, oxidised			1		0	2	105001
1	2	lbr	Siltstone, oxidised			0.5		2	4	105002
2	3	lbr	Siltstone, oxidised			0.5		4	6	105003
3	4	lbr	Siltstone, oxidised			0.5		6	8	105004
4	5	lbr	Siltstone, oxidised			0		8	10	105005
5	6	lbr	Siltstone, oxidised			0		10	12	105006
6	7	lbr	Siltstone, oxidised			0		12	14	105007
7	8	lbr	Siltstone, oxidised			0		14	16	105008
8	9	lbr	Siltstone, oxidised			0		16	17	105009
9	10	lybr	Siltstone, oxidised			0		17	19	105010
10	11	lybr	Siltstone, oxidised			0		19	21	105011
11	12	lybr	Siltstone, oxidised			0		21	23	105012
12	13	lybr	Siltstone, oxidised			0		23	25	105013
13	14	lybr	Siltstone, oxidised			0		25	27	105014
14	15	lybr	Siltstone, oxidised			0		27	29	105015
15	16	lybr	Siltstone, oxidised			0.5				
16	17	lybr	Siltstone, oxidised			70	fe			
17	18	lybr	Siltstone, oxidised			15	fe			
18	19	lybr	Siltstone, partially oxidised			15	fe			
19	20	lybr	Siltstone, partially oxidised			2				
20	21	lgr	Siltstone, fresh trace oxidisation	Tr ox asp		1				
21	22	lgr	Siltstone, fresh trace oxidisation	Tr ox asp		10				
22	23	lgr	Siltstone, fresh trace oxidisation	Tr ox asp		10				
23	24	lgr	Siltstone, fresh trace oxidisation	1% ox asp		50	w			
24	25	lgr	Siltstone, fresh	1% ox asp/py		50	w			
25	26	lgr	Siltstone, fresh	2% asp		40	w			
26	27	lgr	Siltstone/Siltstone, fresh	tr asp		10	w			
27	28	lgr	Siltstone, fresh	tr asp		2	w			
28	29	lgr	Siltstone, fresh	tr asp		3	w			
29	30	lgr	Siltstone, fresh	tr asp		3	w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone, fresh	1% asp		5	w	29	31	105016
31	32	lgr	Siltstone/Siltstone, fresh	tr asp		1		31	33	105017
32	33	lgr	Siltstone/Siltstone, fresh	0.5 asp		2		33	35	105018
33	34	lgr	Siltstone, fresh	5% asp		70	w	35	37	105019
34	35	lgr	Siltstone, fresh	5% asp		90	w	37	39	105020
35	36	lgr	Siltstone, fresh	5% asp		80	w	39	41	105021
36	37	lgr	Siltstone, fresh	1% asp		10	w	41	42	105022
37	38	lgr	Siltstone, fresh	tr asp		1		42	43	105023
38	39	lgr	Siltstone, fresh	1% asp		10	w	43	44	105024
39	40	lgr	Siltstone, fresh	2% asp		50	w	44	45	105025
40	41	lgr	Siltstone, fresh	1% asp		20	w	45	46	105026
41	42	lgr	Siltstone, fresh	1% asp		60	w	46	48	105027
42	43	lgr	Siltstone, fresh	10% asp		90	w&gr	48	49	105028
43	44	lgr	Siltstone, fresh	3% asp		70	w&gr	49	51	105029
44	45	lgr	Siltstone, fresh	3% asp		90	w	51	52	105030
45	46	gr	Siltstone, fresh	3% asp/py		90	w	52	54	105031
46	47	gr	Siltstone, fresh	1% asp		30	w	54	56	105032
47	48	gr	Siltstone, fresh	tr asp/py		2	w	56	58	105033
48	49	gr	Siltstone, fresh	1% asp		50	w	58	60	105034
49	50	lgr	Siltstone, fresh	tr Su		1	w			
50	51	lgr	Siltstone, fresh	tr asp		3	w			
51	52	lgr	Siltstone, fresh	2% asp		60	w&gr			
52	53	l&dgr	Siltstone/Siltstone, fresh	tr Su		1	w			
53	54	lgr	Siltstone, fresh	tr Su		0.5	w			
54	55	lgr	Siltstone, fresh	tr Su		0				
55	56	lgr	Siltstone/Siltstone, fresh	0.5% asp		3	w			
56	57	lgr	Siltstone/Siltstone, fresh	tr asp		1	w			
57	58	l&dgr	Siltstone, fresh			0				
58	59	lgr	Siltstone, fresh			0				
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			0.5		60	62	105035
61	62	lgr	Siltstone, fresh			0.5		62	64	105036
62	63	lgr	Siltstone, fresh			0.5		64	67	105037
63	64	lgr	Siltstone, fresh			0.5		67	69	105038
64	65	lgr	Siltstone, fresh			0		69	71	105039
65	66	lgr	Siltstone, fresh			1	w	71	72	105040
66	67	lgr	Siltstone, fresh			0		72	74	105041
67	68	lgr	Siltstone, fresh			3	w	74	76	105042
68	69	lgr	Siltstone, fresh	tr asp		2	w	76	78	105043
69	70	lgr	Siltstone, fresh	tr asp		10	w	78	80	105044
70	71	l&dgr	Siltstone, fresh	1% py/asp	bio	10	w	80	82	105045
71	72	l&dgr	Siltstone, fresh	1% py/asp	bio	30	w	82	84	105046
72	73	l&dgr	Siltstone, fresh	Tr Su	bio	10	w	84	86	105047
73	74	l&dgr	Siltstone, fresh	Tr Su	bio	1	w	86	88	105048
74	75	l&dgr	Siltstone, fresh	Tr Su	bio	5	w	88	91	105049
75	76	lgr	Sandstone, fresh	Tr Su		5	w			
76	77	lgr	Sandstone & Siltstone, fresh	Tr Su		10	w			
77	78	l&dgr	Siltstone, fresh	Tr Su	bio	5	w			
78	79	lgr	Siltstone & Sandstone, fresh	Tr py/asp		1	w			
79	80	lgr	Siltstone & Siltstone, fresh			0.5				
80	81	lgr	Siltstone, fresh & minor Sandstone			0.5				
81	82	l&dgr	Siltstone, fresh	Tr Su		3	w			
82	83	l&dgr	Siltstone, fresh			2	w			
83	84	l&dgr	Siltstone, fresh			0.5				
84	85	l&dgr	Siltstone, fresh			1				
85	86	lgr	Siltstone, fresh	1% py		2	w			
86	87	lgr	Siltstone & Siltstone, fresh			0				
87	88	l&dgr	Siltstone, fresh	3% py		0.5	w			
88	89	lgr	Siltstone & Siltstone, fresh	1% py		0.5	w			
89	90	lgr	Siltstone & Siltstone, fresh	Tr py		0.5	w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
90	91	J&dgr	Siltstone & Siltstone, fresh			0		Surveys		
91	92									
92	93		EOH at 91m					Depth	Azimuth	Inclination
93	94							30	280	61
94	95							60	277	61
95	96									
96	97									
97	98									
98	99									
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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