

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

rospect	New Golden Gate	Geologist	DG Jackson	Easting	574471m	Hole No	RC99MT058
ate Commenced	24.6.99	Drillers	Diamond Drill Tas	Northing	5406625m	Azimuth	270 AMG
ate Completed	25.6.99	Hole Depth	85m	RL	326m	Inclination	60

Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	br	Soil & Clay			0		0	2	106876
1	2	ybr	Siltstone, weathered & O/B & Clay			70	w fe	2	4	106877
2	3	ybr	Siltstone, weathered & Clay			70	w fe	4	6	106878
3	4	ybr	Siltstone, weathered			30	w fe	6	7	106879
4	5	ybr	Siltstone, weathered			1	w fe	7	9	106880
5	6	ybr	Siltstone, weathered			1	w fe	9	11	106881
6	7	ybr	Siltstone, weathered			50	w fe	11	13	106882
7	8	br	Siltstone, weathered			3	w fe	13	15	106883
8	9	br	Siltstone, weathered			0		15	17	106884
9	10	br	Siltstone, weathered			0		17	19	106885
10	11	br	Siltstone, weathered			0		19	21	106886
11	12	br	Siltstone, weathered			0.5	w fe	21	23	106887
12	13	br	Siltstone, weathered			0		23	25	106888
13	14	br& gr	Siltstone, weathered			0		25	27	106889
14	15	br	Siltstone, weathered			2	w fe	27	29	106890
15	16	ybr	Siltstone, weathered			0		29	31	106891
16	17	ybr	Siltstone, weathered			0.5	w fe			
17	18	ybr	Siltstone, weathered			0				
18	19	ybr&gr	Siltstone, weathered			0				
19	20	ybr&gr	Siltstone, weathered			0				
20	21	ybr&gr	Siltstone, partly weathered			0				
21	22	ybr&gr	Siltstone, partly weathered			0				
22	23	ybr	Siltstone, weathered			0				
23	24	lgr&ybr	Siltstone, partly weathered			0				
24	25	l&dgr	Siltstone, partly weathered			0				
25	26	l&dgr	Siltstone, fresh			5	w			
26	27	lgr	Siltstone, fresh			0				
27	28	l&dgr	Siltstone, fresh			0.5	w			
28	29	l&dgr	Siltstone, fresh			0				
29	30	l&dgr	Siltstone, fresh			0				

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone, fresh			3	w	31	33	106892
31	32	lgr	Siltstone & Sandstone, fg, fresh			0		33	34	106893
32	33	lgr	Siltstone & Sandstone, fg, fresh			1	w	34	35	106894
33	34	lgr	Sandstone, fg & Siltstone, fresh			0		35	36	106895
34	35	lgr&kh	Siltstone & Sandstone, fg, fresh	0.5% asp/py		20	w gr	36	37	106896
35	36	lgr&kh	Siltstone & Sandstone, fg, fresh	3% cg asp/py		60	w	37	38	106897
36	37	lgr&kh	Siltstone & Sandstone, fg, fresh	3% cg asp/py		60	w	38	39	106898
37	38	lgr&kh	Siltstone, fresh	3% cg asp/py		50	w	39	40	106899
38	39	lgr&kh	Siltstone, fresh	3% asp/py		50	w gr	40	41	106900
39	40	lgr&kh	Siltstone, fresh	1% asp/py		3	w gr	41	42	106901
40	41	lgr	Siltstone, fresh	1% fg asp/py		70	gr w	42	43	106902
41	42	lgr&kh	Siltstone, fresh	0.5% asp/py		70	w	43	44	106903
42	43	lgr&kh	Siltstone, fresh	1% asp/py		50	w gr	44	45	106904
43	44	lgr	Siltstone, fresh	0.5% asp/py		30	w	45	46	106905
44	45	lgr	Siltstone, fresh			5	w	46	48	106906
45	46	lgr	Siltstone, fresh	Tr py/asp		30	w	48	49	106907
46	47	lgr	Siltstone, fresh			0		49	50	106908
47	48	lgr	Siltstone, fresh			0.5	w	50	51	106909
48	49	lgr	Siltstone, fresh	Tr py		5	w	51	53	106910
49	50	lgr	Siltstone, fresh	0.5% asp/py		20	w gr	53	54	106911
50	51	l&dgr	Siltstone & Shale?, black, fresh	0.5% py		15	w	54	55	106912
51	52	l&dgr	Siltstone, fresh			2	w	55	57	106913
52	53	l&dgr	Siltstone, fresh			10	w	57	59	106914
53	54	l&dgr	Siltstone, fresh			40	w	59	61	106915
54	55	l&dgr	Siltstone, fresh	0.5% py/asp		60	w gr			
55	56	l&dgr	Siltstone, fresh	Tr py		1	w			
56	57	l&dgr	Siltstone, fresh			0.5	w			
57	58	l&dgr	Siltstone & Sandstone, fg, fresh			3	w			
58	59	l&dgr	Siltstone & Sandstone, fg, fresh	Tr py		1	w			
59	60	lgr&bi	Siltstone & Shale, fresh	Tr py		2	w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
60	61	lgr&bl	Siltstone & Shale, fresh	Tr py		1	w	61	63	106916
61	62	lgr	Siltstone, fresh, tr ox, old workings nearby?			0		63	65	106917
62	63	lgr	Siltstone, fresh, tr ox, old workings nearby?			0		65	67	106918
63	64	lgr	Siltstone & Sandstone, fg, fresh, tr ox			1	w	67	69	106919
64	65	lgr	Siltstone & Sandstone, fg, fresh, tr ox			0		69	71	106920
65	66	l&dgr	Siltstone, fresh	0.5% py		0		71	73	106921
66	67	lgr	Siltstone, fresh	Tr py		0		73	76	106922
67	68	lgr	Siltstone, fresh			0		76	77	106923
68	69	lgr	Siltstone, fresh			0.5	w	77	79	106924
69	70	lgr	Siltstone, fresh	Tr py		1	w	79	81	106925
70	71	lgr	Siltstone, fresh			0		81	83	106926
71	72	l&dgr	Siltstone, fresh			0		83	85	106927
72	73	l&dgr	Siltstone, fresh			0				
73	74	l&dgr	Siltstone, fresh	Tr py		0				
74	75	l&dgr	Siltstone, fresh			0				
75	76	l&dgr	Siltstone, fresh			0.5	w			
76	77	l&dgr	Siltstone, fresh	Tr py/asp?		30	w			
77	78	l&dgr	Siltstone, fresh			1	w			
78	79	l&dgr	Siltstone, fresh			0				
79	80	lgr	Siltstone, fresh	1% py		0				
80	81	l&dgr	Siltstone, fresh			0.5	w			
81	82	lgr	Siltstone, fresh Damp	Tr py		0.5	w			
82	83	lgr	Siltstone, fresh Damp			0				
83	84	lgr	Siltstone, fresh Damp			0				
84	85	lgr	Siltstone, fresh Damp			1	w			
			EOH at 85m							
								Surveys		
								Depth	Azimuth	Inclination
								30	261	57
								60	266	56

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