

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

respect	New Golden Gate	Geologist	DG Jackson	Easting	574560m	Hole No	RC99MT071
ate Commenced	17.7.99	Drillers	Diamond Drill Tas	Northing	5406705m	Azimuth	270 AMG
ate Completed	17.7.99	Hole Depth	103m	RL	311.3m	Inclination	55

Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr	Tailings					0	2	107876
1	2	lbr	Tailings					2	4	107877
2	3	lbr	Tailings					4	6	107878
3	4	lbr	Tailings					6	8	107879
4	5	lbr	Tailings					8	10	107880
5	6	lbr	Tailings					10	12	107881
6	7	lbr	Clay					12	14	107882
7	8	lbr	Clay					14	16	107883
8	9	lbr	Clay & Siltstone, weathered			30	w fe	16	18	107884
9	10	lbr	Siltstone, weathered			0		18	20	107885
10	11	lbr	Siltstone, weathered			0.5	w fe	20	22	107886
11	12	ybr	Siltstone, weathered			0		22	24	107887
12	13	lgr&ybr	Siltstone, partly weathered			0		24	26	107888
13	14	lgr&ybr	Siltstone, partly weathered			0		26	28	107889
14	15	lgr	Siltstone & Sandstone, fg, trace weathering			0		28	30	107890
15	16	lgr	Siltstone, trace weathering			0				
16	17	lgr	Siltstone & Sandstone, fg, trace weathering			3	w			
17	18	lgr	Siltstone & Sandstone, fg, fresh			3	w			
18	19	lgr	Siltstone & Sandstone, fg, fresh			2	w			
19	20	lgr	Siltstone, fresh			0				
20	21	lgr	Siltstone, fresh			40	w			
21	22	lgr	Siltstone, fresh			3	w			
22	23	lgr	Siltstone, fresh			2	w			
23	24	lgr	Siltstone, fresh			0				
24	25	lgr	Siltstone & Sandstone, fg, fresh			3	w			
25	26	lgr	Siltstone, fresh			0				
26	27	gr	Siltstone, fresh			0				
27	28	gr	Siltstone, fresh			3	w			
28	29	l&dgr	Siltstone, fresh			2	w			
29	30	l&dgr	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, fresh			0		30	32	107891
31	32	lgr	Siltstone, fresh	Tr py		2	w	32	34	107892
32	33	lgr	Siltstone, fresh			3	w	34	36	107893
33	34	lgr&cm	Sandstone, fg & Siltstone, fresh			1	w	36	38	107894
34	35	lgr	Siltstone, fresh			0		38	39	107895
35	36	lgr	Siltstone & minor sandstone, fg, fresh	Tr py		0		39	41	107896
36	37	lgr&kh	Siltstone, fresh			0		41	43	107897
37	38	lgr&cm	Siltstone & Sandstone, fg, fresh			3	w	43	45	107898
38	39	cm&lgr	Sandstone, fg & Siltstone, fresh	1% py/asp		15	w gr	45	47	107899
39	40	lgr&cm	Siltstone & Sandstone, fg, fresh			0		47	49	107900
40	41	lgr&g	Siltstone, fresh			0		49	51	107901
41	42	lgrg&cm	Siltstone & Sandstone, fg, fresh			0		51	53	107902
42	43	lgr&g	Siltstone, fresh			0		53	55	107903
43	44	gr&g	Siltstone, fresh			0		55	57	107904
44	45	lgrg&cm	Siltstone & Sandstone, fg, fresh			0		57	59	107905
45	46	dgr&g	Siltstone, fresh			0		59	61	107906
46	47	gr&g	Siltstone, fresh			0.5	w			
47	48	lgr	Siltstone, fresh			0				
48	49	lgr&cm	Siltstone & Sandstone, fg, fresh			0				
49	50	lgr	Siltstone, fresh			0				
50	51	lgr&cm	Siltstone & Sandstone, fg, fresh			5	w			
51	52	lgr	Siltstone, fresh			0				
52	53	lgr&cm	Siltstone & Sandstone, fg, fresh			10	w			
53	54	lgr	Siltstone & minor sandstone, fg, fresh			0				
54	55	lgr&cm	Siltstone & Sandstone, fg, fresh			5	w			
55	56	gr	Siltstone, fresh			0				
56	57	gr	Siltstone, fresh			0				
57	58	lgr	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		61	63	107907
61	62	lgr	Siltstone, fresh	Tr py		0.5	w	63	65	107908
62	63	lgr	Siltstone, fresh			0		65	67	107909
63	64	lgr	Siltstone & Sandstone, fg, fresh			1	w	67	69	107910
64	65	lgr	Sandstone, fg & Siltstone, fresh			0		69	71	107911
65	66	dgr	Siltstone, fresh			0		71	73	107912
66	67	gr	Siltstone, fresh			0		73	75	107913
67	68	gr	Siltstone, fresh			0		75	77	107914
68	69	gr	Siltstone, fresh			0		77	79	107915
69	70	lgr	Siltstone, fresh			0		79	81	107916
70	71	gr	Siltstone, fresh			0		81	83	107917
71	72	gr	Siltstone, fresh			0		83	84	107918
72	73	gr	Siltstone, fresh			0		84	85	107919
73	74	gr	Siltstone, fresh			0		85	86	107920
74	75	gr	Siltstone, fresh			0		86	87	107921
75	76	gr	Siltstone, fresh			0		87	88	107922
76	77	gr	Siltstone, fresh			0		88	89	107923
77	78	gr	Siltstone, fresh			0		89	0	107924
78	79	lgr	Siltstone, fresh			0				
79	80	lgr	Siltstone, fresh			0				
80	81	lgr	Siltstone, fresh	Tr py		0.5	w			
81	82	lgr	Siltstone, fresh			0				
82	83	lgr	Siltstone, fresh	0.5% py		0.5	w			
83	84	lgr	Siltstone & Sandstone, fg, fresh	1% py	Silicified	0.5	w			
84	85	lgr	Siltstone & Sandstone, fg, fresh	1% py	Silicified	10	w			
85	86	lgr	Siltstone & Sandstone, fg, fresh	0.5% py		5	w			
86	87	lgr	Siltstone, fresh	Tr py		1	w			
87	88	&dgr&kh	Siltstone, fresh	0.5% py		10	w			
88	89	lgr&kh	Siltstone, fresh	5% py		20	w			
89	90	lgr&kh	Siltstone, fresh	1% py/asp		80	w gr			

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