

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

rospect	New Golden Gate	Geologist	TC Downs	Easting	574600m	Hole No	MT068
ate Commenced	13/07/99	Drillers	Diamond Drill Tas	Northing	5406785m	Azimuth	270 AMG
ate Completed	14/07/99	Hole Depth	121m	RL	308.2m	Inclination	55

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	br	Tailings Clay			0		0	3	107717
1	2	br	Tailings Clay			0		3	4	107718
2	3	lbr	Siltstone weathered surface lag			3	w fe	4	5	107719
3	4	lbr	Siltstone, weathered			70	w fe	5	6	107720
4	5	lbr	Siltstone, weathered			2	w fe	6	7	107721
5	6	lbr	Siltstone and sandstone, fg, weathered			50	w fe	7	9	107722
6	7	br	Siltstone and sandstone, fg, weathered			25	w	9	11	107723
7	8	lbr	Siltstone, weathered			2	w fe	11	13	107724
8	9	lbr	Siltstone, weathered			0.5	w	13	14	107725
9	10	lbr	Siltstone, weathered			5	w	14	15	107726
10	11	lbr	Siltstone, weathered			0.5	w	15	17	107727
11	12	lbr	Siltstone, weathered			3	w	17	19	107728
12	13	lgr	Sandstone, fg, and siltstone, partly weathered			0.5	w	19	21	107729
13	14	lgr	Sandstone, fg, and siltstone, partly weathered			0		21	23	107730
14	15	lbr/lgr	Sandstone, fg, and siltstone, weathered			20	w fe	23	25	107731
15	16	lgr/br	Sandstone, fg, and siltstone, partly weathered			1	fe	25	27	107732
16	17	lbr/gr	Siltstone and sandstone, fg, weathered			1	w fe	29	29	107733
17	18	lgr/br	Sandstone, fg, weathered			0		31	31	107734
18	19	lgr/br	Siltstone and sandstone, fg, partly weathered			0.5	w fe			
19	20	lgr/br	Siltstone and sandstone, fg, partly weathered			2	w			
20	21	lgr/br	Siltstone and sandstone, fg, partly weathered	Tr py		1	w			
21	22	lgr/br	Siltstone and sandstone, fg, partly weathered			0.5	w			
22	23	lgr/br	Sandstone, fg, partly weathered			3	w			
23	24	lgr	Sandstone, fg, minor weathering			0.5	w			
24	25	lgr	Sandstone, fg, minor weathering			0.5	w			
25	26	lgr/cm	Sandstone, fg and siltstone, minor weathering			1	w			
26	27	lgr	Sandstone, fg, minor weathering			0.5	w			
27	28	lgr/br	Sandstone, fg, partly weathered			0				
28	29	lgr	Sandstone, fg, fresh	Tr py		0.5	w			
29	30	lgr	Siltstone and sandstone, fg, minor weathering			1	w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone and sandstone, fg, partly weathered			0.5	w	31	33	107735
31	32	lgr	Siltstone, fresh			0.5	w	33	35	107736
32	33	lgr	Siltstone and sandstone, fg, minor weathering			0.5	w	35	37	107737
33	34	lgr/br	Sandstone, fg, partly weathered			3	w fe	37	39	107738
34	35	lgr	Siltstone and sandstone, fg, fesh			0		39	40	107739
35	36	lgr	Siltstone, fresh			0.5	w	40	41	107740
36	37	lgr	Siltstone, fresh			1	w	41	42	107741
37	38	lgr	Siltstone, fresh			0		42	43	107742
38	39	lgr	Siltstone, fresh			3	w	43	45	107743
39	40	lgr	Siltstone, minor weathering		spots	10	fe w	45	47	107744
40	41	lgr	Siltstone, minor weathering	0.5% py	spots	30	w fe	47	49	107745
41	42	lgr	Siltstone and sandstone, fg, minor weathering	1% py, asp		60	w fe	49	51	107746
42	43	lgr	Siltstone, fresh	0.5% py, su		20	w fe gr	51	52	107747
43	44	lgr	Siltstone, fresh	Tr py		2	w	52	54	107748
44	45	lgr	Siltstone and sandstone, fg, fresh			0.5	w	54	56	107749
45	46	lgr	Siltstone, fresh	Tr py		1	w	56	58	107750
46	47	lgr/cm	Siltstone, fresh			5	w gr	58	60	107751
47	48	lgr	Siltstone, fresh	0.5% py		5	w			
48	49	lgr	Siltstone, fresh	Tr py		1	w			
49	50	lgr	Siltstone, fresh	Tr py		0.5	w			
50	51	lgr	Siltstone, fresh			1	w			
51	52	lgr/cm	Siltstone, fresh	1% py		60	w			
52	53	lgr	Siltstone, fresh			5	w			
53	54	lgr	Siltstone, fresh			0.5	w			
54	55	lgr	Siltstone, fresh			0				
55	56	lgr/cm	Siltstone, fresh			0.5	w			
56	57	lgr	Siltstone, fresh			1	w			
57	58	lgr/cm	Siltstone, fresh	Tr py		0.5	w			
58	59	lgr	Siltstone, fresh	Tr py		1	w			
59	60	lgr/cm	Siltstone, fresh			2	w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
60	61	lgr	Siltstone, fresh			5	w	60	62	107752
61	62	lgr	Siltstone, fresh			3	w	62	64	107753
62	63	lgr	Siltstone, fresh	Tr py		0.5	w	64	66	107754
63	64	lgr	Siltstone, fresh			0		66	68	107755
64	65	lgr	Siltstone, fresh	Tr py		3	w	68	71	107756
65	66	lgr/cm	Siltstone, fresh			25	w	71	72	107757
66	67	lgr	Siltstone, fresh			1	w	72	74	107758
67	68	lgr	Siltstone, fresh			0.5	w	74	76	107759
68	69	lgr	Siltstone, fresh			0.5	w	76	78	107760
69	70	lgr	Siltstone, fresh			0.5	w	78	80	107761
70	71	lgr	Siltstone, fresh			0.5	w	80	82	107762
71	72	kk	Siltstone, fresh	Tr py		60	w	82	84	107763
72	73	lgr	Siltstone, fresh			0.5	w	84	86	107764
73	74	lgr	Siltstone, fresh			0		86	88	107765
74	75	lgr	Siltstone, fresh			0		88	90	107766
75	76	lgr	Siltstone, fresh			0.5	w gr			
76	77	lgr	Siltstone, fresh			3	w			
77	78	lgr	Siltstone, fresh			1	w			
78	79	lgr	Siltstone, fresh			0				
79	80	lgr	Siltstone, fresh			2	w gr			
80	81	lgr	Siltstone, fresh			0				
81	82	lgr/cm	Siltstone, fresh			0.5	w			
82	83	lgr	Siltstone, fresh			0.5	w			
83	84	lgr	Siltstone, fresh			0.5	w			
84	85	lgr	Siltstone, fresh	Tr su		4	w gr			
85	86	lgr	Siltstone, fresh			0				
86	87	lgr	Siltstone, fresh	Tr py		0.5	w pk			
87	88	gr/lgr	Siltstone, fresh			0.5	w			
88	89	gr	Siltstone, fresh			1	w			
89	90	gr	Siltstone, fresh	Tr py		1	w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
90	91	gr	Siltstone, fresh	Tr py		0		90	92	107767
91	92	gr	Siltstone, fresh	Tr py		3	w	92	94	107768
92	93	gr	Siltstone, fresh			0.5	w	94	96	107769
93	94	lgr	Siltstone, fresh	Tr py		1	w	96	98	107770
94	95	lgr	Siltstone, fresh		spots	0		98	100	107771
95	96	lgr	Siltstone, fresh	0.5% py		0		100	102	107772
96	97	lgr/cm	Siltstone, fresh			1	w gr	102	105	107773
97	98	lgr/g	Siltstone, fresh	flakey green siltstone - fault?		1	w	105	107	107774
98	99	gr	Siltstone, fresh		spots	0		107	108	107775
99	100	gr	Siltstone, fresh			0		108	109	107776
100	101	gr	Siltstone, fresh			0		109	110	107777
101	102	gr	Siltstone, fresh			0		110	111	107778
102	103	gr	Siltstone, fresh			0.5	w	111	113	107779
103	104	gr	Siltstone, fresh			0.5	w	113	115	107780
104	105	gr	Siltstone, fresh			0		115	117	107781
105	106	lgr	Siltstone and sandstone, fg, fresh	Tr py		1	w gr	117	119	107782
106	107	gr	Siltstone and sandstone, fg, fresh	Tr py		1	w	119	121	107783
107	108	gr	Siltstone and sandstone, fg, fresh			2	w gr			
108	109	gr	Sandstone, fg, and siltstone, fresh	2% py, asp		70	gr w			
109	110	gr	Siltstone and sandstone, fg, fresh	2% asp, py 2 vg?		80	w gr			
110	111	gr	Siltstone and sandstone, fg, fresh	0.5% py		1	w			
111	112	gr	Siltstone, fresh			0.5	w			
112	113	lgr	Siltstone, fresh	Tr py		0		Surveys		
113	114	lgr	Siltstone, fresh	Tr py		0.5	w			
114	115	lgr	Siltstone, fresh			0		Depth	Azimuth	Inclination
115	116	gr	Siltstone, fresh			0.5	w			
116	117	lgr	Siltstone, fresh			2	w	30	262	52
117	118	gr	Siltstone, fresh	Tr py		1	w	60	261	48
118	119	lgr	Siltstone, fresh			0		90	262	43
119	120	gr	Siltstone, fresh			0		115	258	40.5
120	121	gr	Siltstone, fresh			0				

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