

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

Prospect	New Golden Gate	Geologist	D G Jackson	Easting	574460.9m	Hole No	RC98MT028
Date Commenced	29.10.98	Drillers	Diamond Drill Tas	Northing	5406586.9m	Azimuth	270 AMG
Date Completed	30.10.98	Hole Depth	80m	RL	326.4m	Inclination	60

Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr	Siltstone, weathered			50	fe	0	2	105050
1	2	lbr	Siltstone, weathered			50	fe	2	4	105051
2	3	lbr	Siltstone, weathered			60	fe	4	6	105052
3	4	lbr	Siltstone, weathered			20	fe	6	8	105053
4	5	lbr	Siltstone, weathered			2		8	10	105054
5	6	lbr	Siltstone, weathered			0.5		10	12	105055
6	7	lbr	Siltstone, weathered			1		12	14	105056
7	8	lbr	Siltstone, weathered			0		14	16	105057
8	9	lbr	Siltstone, weathered			2	fe	16	18	105058
9	10	lbr	Siltstone, weathered			0.5		18	20	105059
10	11	lbr	Siltstone, weathered	Tr asp		1		20	22	105060
11	12	lybr	Siltstone, weathered			0		22	24	105061
12	13	lybr	Siltstone, weathered			0		24	26	105062
13	14	lybr	Siltstone, weathered			0		26	27	105063
14	15	lybr	Siltstone, weathered			0		27	28	105064
15	16	lybr	Siltstone, weathered			1		28	30	105065
16	17	lybr	Siltstone, weathered			0				
17	18	lybr	Siltstone, weathered			0.5				
18	19	lybr	Siltstone, weathered			0				
19	20	lybr	Siltstone, weathered			1				
20	21	lgr	Siltstone, partly weathered	Tr asp		2	w			
21	22	lgr	Siltstone, fresh	0.5% asp		2	gr			
22	23	lgr	Siltstone, fresh	0.5% asp		2	gr			
23	24	lgr	Siltstone, fresh	Tr asp		0				
24	25	lgr	Siltstone, fresh	Tr asp		0				
25	26	lgr	Siltstone, fresh			1	w			
26	27	lgr	Siltstone, fresh	0.5% asp/py		80	gr			
27	28	lgr	Siltstone, fresh	0.5% asp/py		70	gr			
28	29	lgr	Siltstone, fresh	0.5% asp		2	grw			
29	30	lgr	Siltstone, fresh	Tr asp		2	w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone, fresh			1	w	31	33	105066
31	32	lgr	Siltstone, fresh	Tr asp		1	w	33	34	105067
32	33	lgr	Siltstone, fresh	1 % asp/py		1	w	34	35	105068
33	34	lgr	Siltstone, fresh	5% asp/py		50	grw	35	37	105069
34	35	lgr	Siltstone, fresh	10% asp		70	grw	37	39	105070
35	36	lgr	Siltstone, fresh	1% asp		40	w	39	40	105071
36	37	lgr	Siltstone, fresh	1% asp		30	w	40	42	105072
37	38	lgr	Siltstone, fresh	Tr asp		20	w	42	44	105073
38	39	lgr	Siltstone, fresh	Tr asp		5	w	44	46	105074
39	40	lgr	Siltstone, fresh	5% asp		80	grw	46	48	105075
40	41	lgr	Siltstone, fresh	1 % asp/py		1	grw	48	50	105076
41	42	lgr	Siltstone, fresh	Tr Su		40	w	50	51	105077
42	43	lgr	Siltstone, fresh	Tr Su		50	w	51	53	105078
43	44	lgr	Siltstone, fresh - first damp sample at rod change	1 % asp/py		60	w	53	55	105079
44	45	lgr	Siltstone, fresh	2% asp		15	w	55	56	105080
45	46	lgr	Siltstone, fresh	0.5% asp		5	w	56	57	105081
46	47	lgr	Siltstone, fresh	0.5% asp/py		5	w	57	58	105082
47	48	lgr	Siltstone, fresh	1 % asp/py		3	wgr	58	59	105083
48	49	lgr	Siltstone, fresh	1% asp		5	wgr	59	60	105084
49	50	lgr	Siltstone, fresh	2% asp		10	grw			
50	51	lgr	Siltstone, fresh	3% asp		40	grw			
51	52	lgr	Siltstone, fresh	2% asp		10	grw			
52	53	lgr	Siltstone, fresh	3% asp		30	grw			
53	54	lgr	Siltstone, fresh	2% asp		20	grw			
54	55	lgr	Siltstone, fresh	2% asp		20	grw			
55	56	lgr	Siltstone, fresh	0.5% asp		5	grw			
56	57	lgr	Siltstone, fresh	3% asp		50	grw			
57	58	lgr	Siltstone, fresh	0.5% asp		50	w			
58	59	lgr	Siltstone, fresh - Wet samples after here	2% asp		30	w			
59	60	lgr	Siltstone, fresh	3% asp		60	grw			

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Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
60	61	lgr	Siltstone, fresh	0.5% asp		90	grw	60	61	105085
61	62	lgr	Siltstone, fresh	3% asp		80	grw	61	62	105086
62	63	lgr	Siltstone, fresh	2% asp		50	grw	62	63	105087
63	64	lgr	Siltstone, fresh	2% asp		70	grw	63	64	105088
64	65	lgr	Siltstone, fresh	1% asp		60	wgr	64	65	105089
65	66	lgr	Siltstone, fresh	5% asp		90	wgr	65	66	105090
66	67	lgr	Siltstone, fresh	2% asp		80	w	66	67	105091
67	68	lgr	Siltstone, fresh	2% asp		95	w	67	68	105092
68	69	lgr	Siltstone, fresh	3% asp		95	grw	68	69	105093
69	70	dgr	Siltstone, fresh	2% asp/py		50	w	69	70	105094
70	71	dgr	Siltstone, fresh	0.5% asp		80	w	70	71	105095
71	72	dgr	Siltstone, fresh			2	w	71	73	105096
72	73	dgr	Siltstone, fresh	0.5% asp/py		10	w	73	74	105097
73	74	dgr	Siltstone, fresh	0.5% asp		50	wfe	74	75	105098
74	75	dgr	Siltstone, fresh	0.5% asp/py		15	wfe	75	76	105099
75	76	dgr	Siltstone, fresh	2% asp/py		30	wgrfe	76	78	105100
76	77	l&dgr	Siltstone, fresh with minor timber - backfilled stope	1%asp		50	wgr	78	80	105101
77	78	dgr	Siltstone, fresh with minor timber - backfilled stope	1%asp		90	wgr			
78	79	dgr	Siltstone, fresh with minor timber - backfilled stope	Tr asp		10	w			
79	80	dgr	Siltstone, fresh with minor timber - backfilled stope	1%asp		70	wgrfe			
80	81									
81	82		EOH at 80m					Surveys		
82	83		Abandoned in backfilled stope							
83	84							Depth	Azimuth	Inclination
84	85							30	262	62.5
85	86							60	262	65
86	87									
87	88									
88	89									
89	90									

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