

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

Prospect	New Golden Gate	Geologist	TC Downs	Easting	574534m	Hole No	MT073
Date Commenced	19/07/99	Drillers	Diamond Drill Tas	Northing	5406685m	Azimuth	270 AMG
Date Completed	20/07/99	Hole Depth	82m	RL	313m	Inclination	50

Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr	Tailings			0		0	2	108007
1	2	lbr	Tailings			0		2	4	108008
2	3	lbr	Tailings			0		4	6	108009
3	4	lbr	Clay			0		6	8	108010
4	5	br	Clay			0		8	10	108011
5	6	br	Clay & surface lag			5	w fe	10	11	108012
6	7	br	Clay & surface lag			5	w fe	11	13	108013
7	8	br	Clay & surface lag			20	w fe	13	15	108014
8	9	lbr	Siltstone weathered & clay			5	w fe	15	17	108015
9	10	lbr	Siltstone weathered & clay			0		17	19	108016
10	11	lbr	Siltstone & sandstone, fg, weathered			20	w fe	19	21	108017
11	12	lbr	Siltstone & sandstone, fg, mostly weathered			3	w	21	23	108018
12	13	lbr	Siltstone & sandstone, fg, mostly weathered			0		23	25	108019
13	14	br	Siltstone, weathered			3	w fe	25	27	108020
14	15	br	Siltstone & sandstone, fg, mostly weathered			5	w fe	27	29	108021
15	16	lgr	Siltstone & sandstone, fg, minor weathering			1	w gr	29	31	108022
16	17	lgr	Siltstone & sandstone, fg, mostly weathered			5	w fe			
17	18	lgr	Siltstone & sandstone, fg, minor weathering			4	w			
18	19	lgr	Siltstone, minor weathering			0.5	w			
19	20	lgr	Siltstone, fresh	Tr py		1	w			
20	21	lgr/lg	Siltstone, fresh			3	w			
21	22	lgr	Siltstone, fresh			5	w fe			
22	23	lg/lgr/cm	Siltstone, fresh			3	w			
23	24	lgr	Siltstone, fresh	Tr su	Spots	1	w			
24	25	lgr/lg/cm	Siltstone, fresh			0				
25	26	lgr	Siltstone, fresh			0				
26	27	lgr	Siltstone, fresh			0				
27	28	lgr/cm	Siltstone, fresh			1	w			
28	29	lgr	Siltstone, fresh			0				
29	30	lgr	Siltstone, fresh	Tr py		3	w			

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Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone, fresh		spots	0.5	w	31	33	108023
31	32	lgr	Siltstone, fresh			0.5	w	33	35	108024
32	33	lgr	Siltstone, fresh			3	w	35	36	108025
33	34	lgr	Siltstone, fresh	Tr py		1	w	36	37	108026
34	35	lgr	Siltstone, fresh			0.5	w	37	38	108027
35	36	lgr	Siltstone, fresh	Tr py		15	w	38	40	108028
36	37	gr	Siltstone & sandstone, fg, fresh	0.5% py, su		30	w gr	40	42	108029
37	38	gr	Siltstone & sandstone, fg, fresh	0.5% py, su		30	w gr	42	44	108030
38	39	lgr	Siltstone, fresh	Tr py		0.5	w	44	46	108031
39	40	lgr	Siltstone & sandstone, fg, fresh	Tr py		1	w	46	47	108032
40	41	lgr	Siltstone, fresh			0		47	48	108033
41	42	lgr	Siltstone, fresh			0		48	49	108034
42	43	lgr	Siltstone, fresh			0		49	50	108035
43	44	lgr	Siltstone, fresh	Tr py		0		50	51	108036
44	45	lgr	Siltstone, fresh	Tr py		3	w gr	51	52	108037
45	46	lgr	Siltstone, fresh	Tr py		0		52	53	108038
46	47	gr	Siltstone & sandstone, fg, fresh	1% py		30	w gr	53	54	108039
47	48	lgr	Siltstone, fresh	0.5% py		0.5	w gr	54	55	108040
48	49	lgr	Siltstone, fresh	2% py		40	w gr	55	56	108041
49	50	lgr	Siltstone & sandstone, fg, fresh	1% py, asp		10	w gr	56	57	108042
50	51	lgr	Sandstone, fg & siltstone, fresh	1% py		70	gr w	57	58	108043
51	52	lgr	Sandstone, fg & siltstone, fresh	0.5% py		30	w gr	58	59	108044
52	53	lgr	Siltstone & sandstone, fg, fresh	Tr py		30	w gr	59	60	108045
53	54	lgr	Sandstone	Tr py, asp		60	w gr	60	62	108046
54	55	lgr	Sandstone, fg & siltstone, fresh	0.5% asp, py		40	w gr			
55	56	lgr	Siltstone & sandstone, fg, fresh	0.5% py		10	w gr			
56	57	lgr	Siltstone & sandstone, fg, fresh	1% py, asp		60	w gr			
57	58	gr	Sandstone	1% py, asp		70	w gr g			
58	59	gr	Siltstone, fresh	0.5% py		20	w			
59	60	gr	Siltstone, fresh	1% py		3	w			

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