

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

Aspect	New Golden Gate	Geologist	DG Jackson	Easting	574469m	Hole No	RC99MT052
Date Commenced	19.6.99	Drillers	Diamond Drill Tas	Northing	5406565m	Azimuth	270 AMG 50
Date Completed	20.6.99	Hole Depth	109m	RL	325m	Inclination	50

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1		No Recovery - Collapsed Inner Tube					2	4	106512
1	2		No Recovery - Collapsed Inner Tube					4	6	106513
2	3	lbr	Siltstone, weathered			0		6	8	106514
3	4	lbr	Siltstone, weathered			0		8	10	106515
4	5	lbr	Siltstone, weathered			0		10	12	106516
5	6	lbr	Siltstone, weathered			0		12	13	106517
6	7	lbr	Siltstone, weathered			0		13	14	106518
7	8	lbr	Siltstone, weathered			0		14	15	106519
8	9	lbr	Siltstone, weathered, minor sandstone			0		15	16	106520
9	10	lbr	Siltstone, weathered, minor sandstone			2	w fe	16	17	106521
10	11	lbr	Siltstone & Sandstone, fg, weathered			1	w fe	17	18	106522
11	12	lbr	Sandstone, fg & siltstone, weathered			2	w fe	18	19	106523
12	13	lbr	Siltstone & Sandstone, fg, weathered			1	w fe	19	20	106524
13	14	lbr	Siltstone, weathered			5	w fe	20	21	106525
14	15	lbr	Siltstone, weathered, minor sandstone	0.5% asp 1vg in qtz +20vg		10	w fe gr	21	22	106526
15	16	lbr	Siltstone, weathered, minor sandstone	~20 vg		80	fe w	22	23	106527
16	17	lbr	Siltstone, weathered	~40 vg		70	fe w	23	24	106528
17	18	lbr	Siltstone, weathered	0.5% asp 4 vg		90	fe w gr	24	25	106529
18	19	lbr	Siltstone, weathered	14 vg		70	w fe	25	26	106530
19	20	lbr	Siltstone, weathered	Wet	0.5% asp/py 1 vg	70	w fe gr	26	27	106531
20	21	lbr	Siltstone, weathered		1% asp/py 2 vg	70	w fe gr	27	28	106532
21	22	grbr	Siltstone, partly weathered		Tr asp 3 vg	30	w fe	28	29	106533
22	23	lbr	Siltstone, partly weathered			1	w fe	29	30	106534
23	24	grbr	Siltstone, partly weathered		0.5% asp/py	30	w fe gr			
24	25	lgr	Siltstone, trace weathering			2	w			
25	26	lgr	Siltstone, trace weathering		Tr su	30	w			
26	27	lgr	Siltstone, trace weathering		0.5% asp/py	25	w gr fe			
27	28	lgr	Siltstone, trace weathering		1% fg asp/py	70	gr w			
28	29	lgr	Siltstone, trace weathering		2% fg asp/py	40	gr w			
29	30	lgr	Siltstone, weathered		2% fg asp/py	30	gr w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Siltstone, fresh	3% fg asp/py		60	gr w	30	31	106535
31	32	lgr	Siltstone, fresh	1% fg asp/py		25	w gr	31	32	106536
32	33	lgr	Siltstone, fresh	3% fg asp/py		50	gr w	32	33	106537
33	34	lgr	Siltstone, fresh	2% fg asp/py		50	gr w	33	34	106538
34	35	lgr	Siltstone, fresh	2% fg asp/py		98	gr w	34	35	106539
35	36	gr	Quartz	2% fg asp/py		100	gr	35	36	106540
36	37	gr	Quartz	1% fg asp/py		100	gr w	36	37	106541
37	38	gr	Quartz	2% fg asp/py		100	gr	37	38	106542
38	39	lgr	Siltstone, fresh	2% fg asp/py		95	gr	38	39	106543
39	40	lgr	Siltstone, fresh	2% fg asp/py		90	gr w	39	40	106544
40	41	lgr	Siltstone, fresh	3% fg asp/py		98	gr w	40	41	106545
41	42	lgr	Siltstone, fresh	2% fg asp/py		98	gr	41	42	106546
42	43	lgr	Siltstone, fresh	2% fg asp/py		70	gr w	42	43	106547
43	44	lgr	Siltstone, fresh	0.5% fg asp/py		95	gr w	43	44	106548
44	45	lgr	Siltstone, fresh	1% fg asp/py		90	gr w	44	45	106549
45	46	lgr	Sandstone, fg, fresh			2	w	45	47	106550
46	47	lgr	Sandstone, fg, fresh			2	w	47	48	106551
47	48	lgr	Sandstone, fg, fresh	Tr py	fuchcite	3	w	48	49	106552
48	49	lgr	Sandstone, fg, fresh	0.5% py		20	w gr	49	51	106553
49	50	gr	Sandstone, fg, fresh			1	w	51	53	106554
50	51	gr	Siltstone & Sandstone, fg, fresh			1	w	53	55	106555
51	52	gr	Siltstone, fresh			0		55	57	106556
52	53	gr	Siltstone, fresh			5	w	57	59	106557
53	54	lgr	Siltstone & Sandstone, fg, fresh			10	w	59	61	106558
54	55	lgr	Siltstone & Sandstone, fg, fresh			5	w			
55	56	lgr	Siltstone & Sandstone, fg, fresh	Tr py		20	w			
56	57	lgr	Sandstone, fg, & Siltstone, fresh			10	w			
57	58	lgr	Sandstone, fg, & Siltstone, fresh			20	w			
58	59	lgr	Sandstone, fg, & Siltstone, fresh			1	w			
59	60	lgr	Sandstone, fg, fresh			2	w			

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From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
60	61	lgr	Sandstone, fg, fresh			3	w	61	63	106559
61	62	lgr	Sandstone, fg, fresh			10	w	63	65	106560
62	63	lgr	Sandstone, fg, fresh	Tr py		50	w	65	67	106561
63	64	lgr	Sandstone, fg, fresh	Tr py		20	w	67	69	106562
64	65	lgr	Sandstone, fg, & Siltstone, fresh			15	w	69	71	106563
65	66	lgr	Sandstone, fg, & Siltstone, fresh			25	w	71	73	106564
66	67	lgr	Sandstone, fg, & Siltstone, fresh			25	w	73	75	106565
67	68	lgr	Sandstone, fg, & Siltstone, fresh			1	w	75	77	106566
68	69	lgr	Sandstone, fg, fresh			1	w	77	79	106567
69	70	dgr	Sandstone, fg, & Siltstone, fresh			0		79	81	106568
70	71	dgr	Sandstone, fg, fresh			1	w	81	83	106569
71	72	dgr	Sandstone, fg, & Siltstone, fresh	Tr py		5	w	83	85	106570
72	73	dgr	Sandstone, fg, & Siltstone, fresh			0		85	87	106571
73	74	dgr	Sandstone, fg, fresh			0		87	89	106572
74	75	dgr	Sandstone, fg, & Siltstone, fresh			0		89	91	106573
75	76	l&dgr	Sandstone, fg, & Siltstone, fresh			0				
76	77	gr	Siltstone & Sandstone, fg, fresh			0				
77	78	gr	Siltstone, fresh			0				
78	79	gr	Siltstone, fresh			0				
79	80	l&dgr	Siltstone, fresh			0				
80	81	gr	Siltstone, fresh			0				
81	82	gr	Siltstone & Sandstone, fg, fresh			0				
82	83	l&dgr	Siltstone & Sandstone, fg, fresh			0				
83	84	l&dgr	Siltstone, fresh			0				
84	85	gr	Siltstone, fresh			0				
85	86	gr	Siltstone, fresh			0				
86	87	gr	Siltstone, fresh			0				
87	88	gr	Siltstone, fresh			0				
88	89	l&dgr	Siltstone, fresh			0				
89	90	gr	Siltstone, fresh			0				

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