

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

Aspect	New Golden Gate	Geologist	DG Jackson	Easting	574489m	Hole No	RC99MT061
Date Commenced	3.7.99	Drillers	Diamond Drill Tas	Northing	5406565m	Azimuth	270 AMG
Date Completed	4.7.99	Hole Depth	90m	RL	326m	Inclination	50

Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	1	lbr	Siltstone, weathered			2	w fe	0	2	107305
1	2	lbr	Siltstone, weathered			25	w fe	2	4	107306
2	3	lbr	Siltstone, weathered			0		4	6	107307
3	4	ybr	Siltstone, weathered			0		6	8	107308
4	5	lbr	Siltstone, weathered			2	w fe	8	10	107309
5	6	ybr	Siltstone, weathered			0		10	12	107310
6	7	lbr	Siltstone, weathered			0		12	14	107311
7	8	lbr	Siltstone, weathered			0		14	16	107312
8	9	lbr	Siltstone, weathered			0		16	18	107313
9	10	lbr	Siltstone, weathered			0		18	20	107314
10	11	lbr	Siltstone, weathered			0		20	22	107315
11	12	lbr	Siltstone, weathered			0		22	24	107316
12	13	lbr&gr	Siltstone, weathered			0		24	26	107317
13	14	lbr	Siltstone, weathered			0		26	28	107318
14	15	lbr&gr	Siltstone, partly weathered			0		28	29	107319
15	16	lbr&gr	Siltstone, partly weathered			0		29	30	107320
16	17	lbr&gr	Siltstone, partly weathered			0				
17	18	lbr&gr	Siltstone, partly weathered			0				
18	19	lbr&gr	Siltstone, partly weathered			0				
19	20	lbr&gr	Siltstone, partly weathered			0				
20	21	lbr&gr	Siltstone, partly weathered			0				
21	22	lbr&gr	Siltstone & Sandstone, fg, partly weathered			0				
22	23	lgr&br	Siltstone, partly weathered			0				
23	24	lgr	Siltstone & Sandstone, fg, minor weathering			0				
24	25	lgr	Siltstone & Sandstone, fg, minor weathering			0				
25	26	lgr	Siltstone, trace weathering	Tr py		0				
26	27	lgr	Sandstone, fg & Siltstone, trace weathering			0				
27	28	lgr	Siltstone, trace weathering			0				
28	29	lgr	Siltstone, trace weathering	Tr py		0				
29	30	lgr	Siltstone, fresh	1% cg asp/py		0				

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Depth		Lithology					Sampling			
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
30	31	lgr	Sandstone, fg & Siltstone, fresh	0.5% py		10	w	30	31	107321
31	32	lgr	Siltstone & Sandstone, fg, fresh	Tr py		1	w	31	33	107322
32	33	lgr	Siltstone, fresh	Tr py		0.5	w	33	35	107323
33	34	lgr	Siltstone, fresh	Tr py		0		35	37	107324
34	35	lgr	Siltstone, fresh	Tr py		0		37	39	107325
35	36	lgr	Siltstone, fresh	Tr py		0		39	41	107326
36	37	lgr	Siltstone, fresh	Tr py		3	w	41	42	107327
37	38	lgr	Siltstone, fresh			2	w	42	43	107328
38	39	lgr	Siltstone, fresh	Tr py		3	w	43	44	107329
39	40	lgr	Siltstone & Sandstone, fg, fresh	tr ox		5	w fe	44	46	107330
40	41	lgr	Siltstone, fresh	tr ox		0.5	w	46	48	107331
41	42	lgr	Siltstone, fresh	tr ox		2	w	48	50	107332
42	43	lgr	Siltstone, fresh	tr ox	0.5% fg ox py/asp	15	w gr fe	50	52	107333
43	44	lgr	Siltstone, fresh	tr ox	Tr ox py	5	w fe	52	54	107334
44	45	lgr	Siltstone, fresh	tr ox		0		54	56	107335
45	46	lgr	Siltstone, fresh	tr ox		0		56	58	107336
46	47	lgr	Siltstone, fresh	tr ox		1	w	58	60	107337
47	48	lgr	Siltstone, fresh	Tr su		0				
48	49	lgr	Sandstone, fg & Siltstone, fresh	0.5% py		15	w			
49	50	lgr	Siltstone, fresh	0.5% py		1	w			
50	51	lgr	Siltstone & Sandstone, fg, fresh	1% fg py		0				
51	52	lgr	Siltstone, fresh			0				
52	53	lgr	Siltstone & Sandstone, fg, fresh	Tr py		0				
53	54	lgr	Siltstone & Sandstone, fg, fresh			0.5	w			
54	55	lgr	Siltstone, fresh	Tr py		0				
55	56	lgr	Siltstone, fresh			0				
56	57	l&dgr	Siltstone & Sandstone, fg, fresh	22% py		0.5	w			
57	58	lgr	Siltstone, fresh			0				
58	59	lgr	Siltstone, fresh	0.5% py		0				
59	60	lgr	Siltstone, fresh	Tr py		0.5	w			

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Depth		Lithology						Sampling		
From	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	From	To	Sample No
0	61	lgr	Siltstone, fresh	0.5% fg py		20	w	60	61	107338
1	62	lgr	Siltstone, fresh	1% py/asp		80	w	61	62	107339
2	63	lgr	Siltstone, fresh	0.5% py/asp		50	w	62	63	107340
3	64	lgr	Siltstone, fresh	Tr py		3	w	63	65	107341
4	65	lgr&kh	Siltstone, fresh			0		65	67	107342
5	66	lgr	Siltstone, fresh			0		67	68	107343
6	67	lgr	Siltstone, fresh			0		68	69	107344
7	68	lgr	Siltstone, fresh	Tr py		25	w	69	70	107345
8	69	gr	Siltstone, fresh	2% fg py/asp		80	w gr	70	71	107346
9	70	gr	Siltstone, fresh	Tr py		50	w	71	72	107347
0	71	gr	Siltstone, fresh	Tr py		60	w	72	74	107348
1	72	gr	Siltstone, fresh	1% py		95	w	74	76	107349
2	73	lgr	Sandstone, fg & Siltstone, fresh	Tr su		3	w	76	78	107350
3	74	lgr	Sandstone, fg, fresh	0.5% py		5	w	78	80	107351
4	75	lgr	Sandstone, fg & Siltstone, fresh	0.5% py		5	w	80	82	107352
5	76	lgr	Siltstone & Sandstone, fg, fresh	Tr py		10	w	82	84	107353
6	77	lgr	Siltstone, fresh			2	w	84	86	107354
7	78	lgr	Siltstone, fresh	Tr py		10	w	86	88	107355
8	79	gr	Siltstone, fresh			3	w	88	90	107356
9	80	gr	Siltstone, fresh			0				
0	81	gr	Siltstone, fresh			2	w			
1	82	gr	Siltstone, fresh			1	w			
2	83	lgr	Siltstone & Sandstone, fg, fresh			3	w			
3	84	lgr	Siltstone, fresh			1	w	Surveys		
4	85	lgr	Siltstone & Sandstone, fg, fresh			0				
5	86	lgr	Siltstone & Sandstone, fg, fresh			3	w	Depth	Azimuth	Inclination
6	87	lgr	Siltstone & Sandstone, fg, fresh			5	w			
7	88	lgr	Siltstone & Sandstone, fg, fresh	Tr py		5	w	30	258	45
8	89	lgr	Siltstone, fresh			2	w	60	254	40
9	90	lgr	Siltstone, fresh	EOH at 90m		0		90	252	38

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