

# Cala Resources Pty Ltd - Mathinna Project - Reverse Circulation Drill Hole Log

Prospect Mathinna  
 Date Commenced 7-6-04  
 Date Completed \_\_\_\_\_

Geologist S. James  
 Drillers CMC  
 Hole Depth 30m

Easting \_\_\_\_\_  
 Northing \_\_\_\_\_  
 RL \_\_\_\_\_

Hole No 270  
 Azimuth 274°  
 Inclination 60°

Not Split

Fr	to	Colour	Description	Lithology			Alteration	% Qtz	Desc	Sampling	
				Mineralisation						From	To
0	1	Light Brown	SANDS								584171
1	2	"	SANDS								584172
2	3	"	CLAYEY SANDS								584173
3	4	OR YELLOW	CLAY								584174
4	5	"	"								584176
5	6	Light	Mudstone + Qtz					<5	WET		584177
6	7	Light Brown	" + Qtz					5	"		584178
7	8	"	"					40	"		584179
8	9	OR BROWN	"					5	"		584181
9	10	"	"					10	"		584182
10	11	Dark	SLATE + Qtz					15	"		584185
11	12	"	"					50	"		584184
12	13	"	"					40	"		584186
13	14	"	"					40	"		584187
14	15	"	"					40	"		584188
15	16	"	"					40	"		584189
16	17	"	"					60	"		584191
17	18	"	"					40	"		584192
18	19	"	"					40	"		584193
19	20	"	"					40	"		584194
20	21	" + Blue	"					40	"		584196
21	22	Dark	"					30	"		584197
22	23	"	"					30	"		584198
23	24	"	"					15	"		584199
24	25	"	"					40	"		584201
25	26	"	"					20	"		584202
26	27	"	"					5	"		584203
27	28	"	"					10	"		584204
28	29	"	SLATE + Qtz					5	"		584206
29	30	"	"					5	"		584207

{ 584171-584179 } COMP  
 { 584181-584189 } COMP  
 { 584191-584199 } COMP  
 { 584201-584204 } COMP  
 { 584206-584207 } COMP

# Cala Resources Pty Ltd – Mathinna Project – Reverse Circulation Drill Hole Log

• NOT SPLIT

Prospect MATHINNA Geologist S JAMES Easting \_\_\_\_\_  
 Date Commenced 7-6-04 Drillers KMR Northing \_\_\_\_\_  
 Date Completed \_\_\_\_\_ Hole Depth 19m RL \_\_\_\_\_  
 Hole No 111 Azimuth 270° 260°  
 Inclination 60°

Fr to	Depth	Colour	Description	Lithology			Sampling			
				Mineralisation	Alteration	% Qtz	Desc	From	To	Sample #
0	1	yellow clay	SANDY CLAY							584211
1	2	" "	CLAY							584212
2	3	" / brown	CLAY							584213
3	4	" "	GRAVELLY QTZ CLAY			30				584214
4	5	" "	" "			40				584216
5	6	" "	" "			50				584217
6	7	" "	" "			50				584218
7	8	" "	" "			70	WET			584219
8	9	" "	" "			70	"			584221
9	10	greyish blue sand	multisieve (qtz GA cont.)				"			584222
10	11	" "	" "				"			584225
11	12	grey	SLATE + QTZ			10	"			584224
12	13	" "	" "			10	DRY			584226
13	14	" "	" "			10	"			584227
14	15	" "	" "			5	"			584228
15	16	" "	" "			6	"			584229
16	17	" "	" "			5	WET			584231
17	18	" "	" "			5	"			584232
18	19	" "	" "			5	"			584233
19	20		END OF HOLE							
20	21									
21	22									
22	23									
23	24									
24	25									
25	26									
26	27									
27	28									
28	29									
29	30									

{ 584215 } COMP  
 { 584220 } COMP  
 { 584225 } COMP  
 { 584230 } COMP  
 { 584235 } COMP

Cala Resources Pty Ltd - Mathinna Project - Reverse Circulation Drill Hole Log

Prospect MATHINNA Geologist S. Dawes Hole No 104  
 Date Commenced 7-6-04 Drillers Kul Northing 270°  
 Date Completed            Hole Depth 49m RL            Inclination 60°

Depth	Fr to	Colour	Description	Lithology	Mineralisation	Alteration	% Qzt	Desc	From	To	Sampling
											Sample #
0	1	Yellow	SAND								584001
1	2	"	"								584002
2	3	grey clay	SANDY/CLAY								584003
3	4	yellow clay	SAND								584004
4	5	grey clay	SAND								584005
5	6	"	SAND								584007
6	7	Reddish Yellow	SAND / CLAY RIVER CHANNELS				10				584008
7	8	Reddish Yellow	RIVER CHANNELS		MRG, GAD, PK		10	WET			584009
8	9	"	RIVER CHANNELS FERRY								584011
9	10	grey clay	FINE GRAIN SANDSTONE / MUDSTONE								584012
10	11	grey clay	" " MUDSTONE, SANDSTONE, QZ				40				584013
11	12	"	"				30				584014
12	13	Reddish Yellow	FINE GRAIN MUDSTONE								584016
13	14	"	MUDSTONE QZ				40				584017
14	15	Reddish Yellow	RED SANDSTONE SLATE QZ		UMONITE IN QZ		10	V.WET			584018
15	16	Reddish Yellow	MUDSTONE SLATE PELITIC QZ		Sulfidation		5	"			584019
16	17	Reddish Yellow	SANDSTONE								584021
17	18	"	SANDSTONE QZ				40	V.WET			584022
18	19	"	SANDSTONE QZ				70	V.WET			584025
19	20	"	Red Brown Sandstone QZ				5	V.WET			584024
20	21	"	SANDSTONE Red/Brown Sand Stone				5	V.WET			584026
21	22	Reddish Yellow	"				5	V.WET			584027
22	23	"	"				10	V.WET			584028
23	24	"	"				10	V.WET			584029
24	25	"	"		LIMONITE IN QZ		20	V.WET			584031
25	26	"	"		PURPLE IN SLATE		15	V.WET			584032
26	27	"	"				5	V.WET			584033
27	28	Grey Blue	SLATE QZ				50	V.WET			584034
28	29	"	"				60	V.WET			584036
29	30	"	"				15	V.WET			584037

Handwritten notes and sample groupings:  
 - Group 1 (Samples 1-6): COMP 584005  
 - Group 2 (Samples 7-9): COMP 584010  
 - Group 3 (Samples 10-14): COMP 584015  
 - Group 4 (Samples 15-18): COMP 584020  
 - Group 5 (Samples 19-23): COMP 584025  
 - Group 6 (Samples 24-26): COMP 584030  
 - Group 7 (Samples 27-29): COMP 584035  
 - Sample 30: COMP 584040

Cala Resources Pty Ltd - Mathinna Project - Reverse Circulation Drill Hole Log

Depth		Lithology						Sampling		
Fr	To	Colour	Description	Mineralisation	Alteration	% Qtz	Desc	Fr	To	Sample #
30	31	blue grey	SLATE			5	WET			584038
31	32	"	"			5	WET			584039
32	33	"	"	limonite on RTZ	Silicification	10	V. WET			584041
33	34	"	"			5	V. WET			584042
34	35	"	"		Silicification	10	V. WET			584043
35	36	"	"	limonite on RTZ	Silicification	5	V. WET			584044
36	37	"	"		Silicification	25	V. WET			584046
37	38	"	"		"	5	V. WET			584048
38	39	"	"			5	V. WET			584049
39	40	"	"			10	V. WET			584051
40	41	"	"			<5	V. WET			584052
41	42	"	"			<5	V. WET			584053
42	43	light grey	"		Silicification	<5	V. WET			584054
43	44	"	"		"	"	V. WET			584056
44	45	blue grey	"		pyrite	"	V. WET			584057
45	46	blue grey	"	limonite on RTZ	Silicification	15	V. WET			584058
46	47	grey	SLATE		"	5	V. WET			584059
47	48	light grey	STATE RTZ	Py	"	30	V. WET			584061
48	49	"	"		"	30	V. WET			
49	50									
50	51		END OF HOLE							
51	52									
52	53									
53	54									
54	55									
55	56									
56	57									
57	58									
58	59									
59	60									

\* BIT INSPECTION  
CONTAMINATION  
HIGH.

comp 584038-584042  
comp 584043-584049  
comp 584051-584053  
comp 584054-584056  
comp 584057-584059  
584060-584061



# Cala Resources Pty Ltd - Mathinna Project - Reverse Circulation Drill Hole Log

Prospect MATHINNA Geologist S. DAVE S Easting            Hole No 106  
 Date Commenced 7-6-04 Drillers KMC Northing            Azimuth 270°  
 Date Completed            Hole Depth            RL            Inclination 60°

Fr	to	Colour	Description	Lithology			Alteration	% Qtz	Desc	Sampling	
				Mineralisation						From	To
0	1	L. GROUND	SANDS								584091
1	2	Red, brown	River gravels + Qtz								584092
2	3	"	"								584093
3	4	OR. GROUND	CLAY								584094
4	5	OR. BROWN " (Blue top)	CLAY / River gravels								584096
5	6	OR. BROWN " (Blue top) " (Blue top) " (Blue top)	FINE GRAIN S/SAND + Qtz + gravels	pyrite							584097
6	7	"	" S/SAND + Qtz								584098
7	8	"	"								584099
8	9	"	"								584101
9	10	"	"								584102
10	11	"	"								584103
11	12	"	" + Qtz								584104
12	13	SLATE	SLATE								584106
13	14	"	"								584107
14	15	"	"								584108
15	16	"	"								584109
16	17	"	"								584111
17	18	"	" + Qtz								584112
18	19	OR. GROUND	" 70-18.5m SANDSTONE								584113
19	20	OR. GROUND	SLATE + Qtz	pyrite							584114
20	21	"	"								584116
21	22	"	"								584117
22	23	"	"								584118
23	24	"	"								584119
24	25	"	"								584121
25	26	"	"								582122
26	27	"	"								582123
27	28	"	"								582124
28	29	"	"								582126
29	30	"	"								582127

\*28-30 ZM COMPOSITE

{ 584095 } COMP  
 { 584100 } COMP  
 { 584105 } COMP  
 { 584110 } COMP  
 { 584115 } COMP  
 { 584120 } COMP  
 { 584125 } COMP  
 { 582126 } COMP  
 { 584130 } COMP

Cala Resources Pty Ltd - Mathinna Project - Reverse Circulation Drill Hole Log

Prospect 1 MATHINNA Geologist S. JAMES Easting          Hole No 107  
 Date Commenced 7-6-04 Drillers LMG Northing          Azimuth 270°  
 Date Completed          Hole Depth 30m RL          Inclination 60°

Depth	Fr to	Colour	Description	Lithology			Alteration	% Qzt	Desc	Sampling	
				Mineralisation						From	To
0	1	Brown	CLAY SAND				50				584131
1	2	"	SANDY CLAY				50				584132
2	3	YELLOW BROWN	"				50				584133
3	4	FINE YELLOW	CLAY				50				584134
4	5	OR BROWN	FINE SANDSTONE			MINA.	0				584136
5	6	"	"			"	0				584137
6	7	OR BROWN	" + QTZ			"	10				584138
7	8	"	"			"	5				584139
8	9	OR BROWN	"			"	0	MET			584141
9	10	"	" + QTZ			"	5				584142
10	11	"	"			"	10				584143
11	12	"	"			"	40				584144
12	13	CLAY	SLATE + QTZ				10				584146
13	14	"	"				30				584147
14	15	OR BROWN	" + SLTONE + QTZ			MINA	5				584148
15	16	"	"			"	15				584149
16	17	"	"			"	20				584151
17	18	CLAY	"			"	40				584152
18	19	"	"			"	10				584153
19	20	"	"			"	10				584154
20	21	"	"			PY ± AS, MINA	10				584156
21	22	CLAY	"				5				584157
22	23	CLAY	SLATE			SILIC	0				584158
23	24	L. CLAY	"				<5				584159
24	25	YELL CLAY	FINE S/STONE			LIMONITIC	0				584161
25	26	"	"			ADMONITIC					584162
26	27	"	" + QTZ			PY	10				584163
27	28	CLAY	SLATE + QTZ			PY	5				584164
28	29	"	"				<5				584166
29	30	L. CLAY	"			SILIC	15				584167

{ 584131 } COMP  
 { 584132 } COMP  
 { 584133 } COMP  
 { 584134 } COMP  
 { 584136 } COMP  
 { 584137 } COMP  
 { 584138 } COMP  
 { 584139 } COMP  
 { 584141 } COMP  
 { 584142 } COMP  
 { 584143 } COMP  
 { 584144 } COMP  
 { 584146 } COMP  
 { 584147 } COMP  
 { 584148 } COMP  
 { 584149 } COMP  
 { 584151 } COMP  
 { 584152 } COMP  
 { 584153 } COMP  
 { 584154 } COMP  
 { 584156 } COMP  
 { 584157 } COMP  
 { 584158 } COMP  
 { 584159 } COMP  
 { 584161 } COMP  
 { 584162 } COMP  
 { 584163 } COMP  
 { 584164 } COMP  
 { 584166 } COMP  
 { 584167 } COMP



# Cala Resources Pty Ltd – Mathinna Project – Reverse Circulation Drill Hole Log

Prospect Mathinna  
 Date Commenced 7.6.04  
 Date Completed \_\_\_\_\_  
 Geologist S. Dawes  
 Drillers EMG  
 Hole Depth \_\_\_\_\_  
 Easting \_\_\_\_\_  
 Northing \_\_\_\_\_  
 RL \_\_\_\_\_  
 Hole No 108  
 Azimuth 270°  
 Inclination 60°

Depth	Lithology		Mineralisation	Alteration	% QzI	Desc	Sampling		
	Fr to	Description					Fr	To	Sample #
0	1	CRACKY SAND							584171
1	2	ABANDONED							
2	3								
3	4								
4	5								
5	6								
6	7								
7	8								
8	9								
9	10								
10	11								
11	12								
12	13								
13	14								
14	15								
15	16								
16	17								
17	18								
18	19								
19	20								
20	21								
21	22								
21	23								
23	24								
24	25								
25	26								
26	27								
27	28								
28	29								
29	30								

# Cala Resources Pty Ltd – Mathinna Project – Reverse Circulation Drill Hole Log

Prospect Mathinna Geologist S. JONES Easting \_\_\_\_\_  
 Date Commenced 7.6.04 Drillers KMG Northing \_\_\_\_\_  
 Date Completed \_\_\_\_\_ Hole Depth \_\_\_\_\_ RL \_\_\_\_\_  
 Hole No 109  
 Azimuth 264°  
 Inclination 60°

Depth	Fr to	Colour	Description	Lithology				Sampling			
				Mineralisation	Alteration	% Qtz	Desc	From	To	Sample #	
0	1	<del>1.82m</del> SAND	SAND								584171
1	2	1.61m	SAND CLAY								584172
2	3										
3	4										
4	5										
5	6										
6	7										
7	8										
8	9										
9	10										
10	11										
11	12										
12	13										
13	14										
14	15										
15	16										
16	17										
17	18										
18	19										
19	20										
20	21										
21	22										
21	23										
23	24										
24	25										
25	26										
26	27										
27	28										
28	29										
29	30										

ABANDONED