

## Geological Log - Lagoon Creek Resources

Project Location Pad /Number	El Hussen P13	Hole Number	EH-13
AGD84 X	0802801	RL (Elevation)/m	198
AGD84 Y	8059337	Dip	30
Start Date	8/12/2007	Azimuth True Magnetic	245
Finish Date	13/08/2007	Declination	6
Logged by	W.D. Smith	Final Depth/m	90
Checked by			
Drilled by	Tom Browne Drilling Company		

Down Hole Gamma Survey      No

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Down Hole Survey	Yes/No		
Survey at/m	Azimuth true	Dip	
90	244	30	

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Major Boundaries		Spectrometer Highs	
Unit	Depth/m	Depth/m	ppm
Ptw	EOH		

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Core Size	From	To	Interval	Recovery	Code	Lithology - rock type, components, colour, grain size	Core Bedding Angle	Core Fracture Angle	Weathering	Spectrometer reading/ppm	Comments
HQ	0	1	1	87	Ptw	Sandstone			SOSL	<30	Rubble
	1	9.5	8.5	80	Ptw	Sandstone		50-70	WOSL	<30	Altered sst
NQ	9.5	11.4	1.9	100	Ptw	Sandstone		0-90	MOML	<30	Cut through by silica veins, hematized, intense fracturing between 10.7 and 11.1m
	11.4	25.1	13.7	98	Ptw	Sandstone		0-90	WOML	<30	Intense fracturing at 13-13.5, 17.5-17.7, 18-18.7m, altered to rubble at 20m
	25.1	42.4	17.3	97	Ptw	Sandstone		0-90	WOWL	<30	More fractured than above, contains silica veins, moderately oxidised between 40.3-40.6m
	42.4	61.2	18.8	97	Ptw	Sandstone		0-90	MOWL	<30	Relatively competent
	61.2	66	4.8	100	Ptw	Sandstone		~60	MOWL	<30	Zone contains cross-cutting fractures at ~60 degrees
	66	90	24	100	Ptw	Sandstone		0-90	MOWL	<30	Intense fracturing and associated leaching at 72.6-72.8m, 30cm long 0 degree fracture 74.8-75.1
		EOH									

### CODE FOR UNITS

PTS = Siegal Volcanics  
 STC = Siltstone Contact  
 PTW = Westmoreland Conglomerate

### CODE FOR WEATHERING

S/M/W O = Strong/Medium/Weak Oxidation  
 S/M/W L = Strong/Medium/Weak Leaching  
 EF = Essentially Fresh - fresh except for secondary minerals in fractures  
 F = Fresh - no secondary minerals in fractures

From	To	Theoretical recovery (m)	Actual recovery (m)	%
0	3	3	2.6	87
3	6	3	3	100
6	9	3	3	100
9	12	3	3	100
12	15	3	3	100
15	18	3	3	100
18	21	3	2.8	93
21	24	3	2.9	97
24	27	3	3	100
27	30	3	2.9	97
30	33	3	3	100
33	36	3	3	100
36	39	3	3	100
39	42	3	2.58	86
42	45	3	2.5	83
45	48	3	3	100
48	51	3	3	100
51	54	3	3	100
54	57	3	3	100
57	60	3	3	100
60	63	3	3	100
63	66	3	3	100
66	69	3	3	100
69	72	3	3	100
72	75	3	3	100
75	78	3	3	100
78	81	3	3	100
81	84	3	3	100
84	87	3	3	100
87	90	3	3	100