

Geological Log - Lagoon Creek Resources

Project Location	El Hussen	Hole Number	EH-10
Pad /Number	P9		
		RL	
AGD84 X	0802579	(Elevation)/m	210
AGD84 Y	8059537	Dip	30
Start Date	8/06/2007	Azimuth True	62
		Magnetic	
Finish Date	8/07/2007	Declination	6
Logged by			
Checked by	W. D. Smith	Final Depth/m	121.3
Drilled by	Tom Browne Drilling Company		

Down Hole Gamma Survey No

Down Hole Survey	No
Survey at/m	Azimuth true Dip

Major Boundaries		Spectrometer Highs
Unit	Depth/m	Depth/m ppm
Pts	6	
Stc	8.6	
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
NQ	0	4.6	4.6	67	Pts	Volcanics			SOSL	<30	Amygdaloidal, broken core
	4.6	6	1.4	97	Pts	Volcanics		70-80	MOSL	<30	Amygdaloidal More chloritic
	6	8.6	2.6	100	Stc	Siltstone contact		70-90	SOSL	<30	High clay cont.
	8.6	16.7	8.1	100	Ptw	Sandstone		50-90	MOWL	<30	Top meter, heavily leached, brecciated, broken core. Small quartz and hematite veinlets.
	16.7	31.3	14.6	97	Ptw	Sandstone	60	0-90	MOML	<30	Upper meter chloritised, leaching associated with broken zones and some fractures. Strongly fractures. Hematite veinlets
	31.3	106.3	75	100	Ptw	Sandstone	70	45-80	EF	<30	More competent core, 84-85.5 increased fracturing, quartz veinlets throughout, mildly siliceous, blotchy, leaching on some fractures
	106.3	121.3	15	100	Ptw	Altered sandstone		10-90	WOSL	<30	Highly fractured, broken in places, fault gouge
		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	1.3	1.3	0.8	62
1.3	4.3	3	2.15	72
4.3	7.3	3	2.9	97
7.3	10.3	3	3	100
10.3	13.3	3	2.9	97
13.3	16.3	3	3	100
16.3	19.3	3	2.95	98
19.3	22.3	3	3	100
22.3	25.3	3	3	100
25.3	28.3	3	3	100
28.3	31.3	3	2.6	87
31.3	34.3	3	3	100
34.3	37.3	3	3	100
37.3	40.3	3	3	100
40.3	43.3	3	3	100
43.3	46.3	3	3	100
46.3	49.3	3	3	100
49.3	52.3	3	3	100
52.3	55.3	3	3	100
55.3	58.3	3	3	100
58.3	61.3	3	3	100
61.3	64.3	3	3	100
64.3	67.3	3	3	100
67.3	70.3	3	3	100
70.3	73.3	3	3	100
73.3	76.3	3	3	100
76.3	79.3	3	3	100
79.3	82.3	3	3	100
82.3	85.3	3	3	100
85.3	88.3	3	3	100
88.3	91.3	3	3	100
91.3	94.3	3	3	100
94.3	97.3	3	3	100
97.3	100.3	3	3	100
100.3	103.3	3	3	100
103.3	106.3	3	2.6	87
106.3	109.3	3	3	100
109.3	112.3	3	3	100
112.3	115.3	3	3	100
115.3	118.3	3	3	100
118.3	121.3	3	3	100