

Geological Log - Lagoon Creek Resources

Project Location	El Hussien		
Pad /Number	South	Hole Number	EHS-1
	P2		
AGD84 X	802969	RL (Elevation)	187
AGD84 Y	8059116	Dip	75
Start Date	13/08/2007	Azimuth True	245
Finish Date	14/08/2007	Magnetic	
Logged by		Declination	6
Checked by	Jock Smith	Final Depth/m	151.2
Drilled by	Tom Browne Drilling Company		

Down Hole Gamma Survey No

Down Hole Survey	Yes		
Survey at/m	Azimuth true	Dip	
100	237	75	

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

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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	0.7	0.7	83	ptw				SOSL	<30	Rubble
	0.7	3.7	3	83-100	ptw	Altered sandstone		40 to 70	MOSL	<30	Highly altered band at 2.3 to 2.4 m
	3.7	4.4	0.7	100	ptw	Sandstone	60		MOWL	<30	Competent, thinly bedded
	4.4	5.8	1.4	100	ptw	Sandstone		70 to 80	WL	<30	
NQ	5.8	7.2	1.4	100	ptw	Sandstone	50 to 70	60 to 80	WOML	<30	Strongly fractured and associated leaching at 11.6 to 11.6, 13.2 to 13.7, 19 to 19.1, 33.7,
	7.2	87.8	80.6	90-100	ptw	Sandstone		10 to 80	WOWL	<30	Less competent, some cobbles up to 10 cm. Heavy fractures at 82 to 82.3, 84.5 to 84.6 and 85.2 m.
	87.8	96.9	9.1	100	ptw	Sandstone		10 to 80	MOML	<30	Dark, fractured, cross-cut by silica veins, coarse
	96.9	133.9	37	100	ptw	Sandstone	70	50 to 90	EF	<30	Competent, but fractures at 112.6 and 114.7 to 114.9 m. Interbedded light and dark zones.
	133.9	151.2	17.3	100	ptw	Sandstone	20 to 70	20 to 70	MO	<30	Cobbles up to 15 cm, silica veining
		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	2.4	2.4	2	83
2.4	5.4	3	3	100
5.4	5.8	0.4	0.4	100
5.8	8.2	2.4	2.4	100
8.2	11.2	3	3	100
11.2	14.2	3	3	100
14.2	17.2	3	2.7	90
17.2	20.2	3	3.1	103
20.2	23.2	3	3	100
23.2	26.2	3	3	100
26.2	29.2	3	3	100
29.2	32.2	3	3	100
32.2	35.2	3	3	100
35.2	38.2	3	2.9	97
38.2	41.2	3	3	100
41.2	44.2	3	3	100
44.2	47.2	3	2.85	95
47.2	50.2	3	3	100
50.2	53.2	3	3	100
53.2	56.2	3	3	100
56.2	59.2	3	3	100
59.2	62.2	3	2.95	98
62.2	65.2	3	3	100
65.2	68.2	3	3	100
68.2	71.2	3	3	100
71.2	74.2	3	3	100
74.2	77.2	3	3.1	103
77.2	80.2	3	2.9	97
80.2	83.2	3	2.8	93
83.2	86.2	3	3	100
86.2	89.2	3	3.1	103
89.2	92.2	3	3	100
92.2	95.2	3	3	100
95.2	98.2	3	3	100
98.2	101.2	3	3	100
101.2	104.2	3	3	100
104.2	107.2	3	3	100
107.2	110.2	3	3	100
110.2	113.2	3	3	100
113.2	116.2	3	3	100
116.2	119.2	3	3	100
119.2	122.2	3	3	100
122.2	125.2	3	3	100
125.2	128.2	3	3	100
128.2	131.2	3	3	100
131.2	134.2	3	2.95	98
134.2	137.2	3	3	100
137.2	140.2	3	3	100
140.2	143.2	3	3	100

Core Tray	Depth (m)	U (ppm)	Th (ppm)	CPS
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