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**GEOTECHNICAL
AUGERHOLE LOG**

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BOREHOLE No **BH07**

Sheet 1 of 1

REFERENCE No _____

PROJECT	Dalby West Major Culvert Structures				
LOCATION	Culvert 4 (13D)			COORDINATES 326115.0 E; 6993055.0 N	
PROJECT No	FG6358	SURFACE RL	341.74m	PLUNGE	90°
				DATE STARTED	28/04/2016
				GRID DATUM	MGA Zone 56
JOB No	498/04598	HEIGHT DATUM	AHD	BEARING	°
				DATE COMPLETED	28/04/2016
				DRILLER	North Coast

DEPTH (m)	R.L. (m)	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS		
			Sandy CLAY with Silt (Alluvium) Grey mottled brown, moist, stiff. High plasticity. Sand is fine to medium grained. Trace organic matter.	(CH)	(CH)				
1		A					4, 5, 7 N=12 LL=61% PI= 39% MC=30.1% LS= 22% <75µm= 65% WPI= 3588	SPT	
		B	Becomes CLAY with Silt and Sand.				1.00m-1.45m: Iss=5.4%	3, 7, 8 N=15 LL=70% PI= 48% MC=22.4% LS= 23% <75µm= 75% WPI= 4656	SPT
		C	Becomes very stiff.					6, 10, 15 N=25 LL=67% PI= 45% MC=21.6% LS= 22%	SPT
2		D	Becomes Sandy CLAY with Silt.				2.00m-2.45m: Iss=6.2%	7, 10, 13 N=23 LL=65% PI= 43% MC=19.8% LS= 22% <75µm= 70% WPI= 4128	SPT
		E	Sand content increasing with depth.					7, 10, 13 N=23 LL=53% PI= 35% MC=15.9% LS= 18% <75µm= 51% WPI= 3220	SPT
3		F	Becomes hard.					6, 9, 15 N=24 MC=17.2%	SPT
		G						9, 13, 22 N=35 LL=51% PI= 32% MC=14.3% LS= 18% <75µm= 53% WPI= 2688	SPT
4		H	Becomes medium plasticity.			10, 16, 25 N=41 LL=47% PI= 33% MC=11.8% LS= 16% <75µm= 38% WPI= 2244	SPT		
5	336.79		Borehole completed at 4.95m						

REMARKS: Coordinates taken with handheld GPS.
RL taken from site plan.

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