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**GEOTECHNICAL
AUGERHOLE LOG**

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No **BH11**

Sheet 1 of 1

REFERENCE No _____

PROJECT	Dalby West Major Culvert Structures		
LOCATION	Culvert 6 (14B)	COORDINATES 325716.0 E; 6993129.0 N	
PROJECT No	FG6358	SURFACE RL 341.42m	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	
0			CLAY with Silt and Sand (Alluvium) Dark grey mottled brown, moist, very stiff. High plasticity. Sand is fine to medium grained. Trace organic matter.					
0.5		A				5, 7, 11 N=18 LL=69% PI= 47% MC=18.5% LS= 22% <75µm= 72% WPI= 4512	SPT	
1.0		B	Becomes grey mottled brown. Trace white calcarious precipitate.		(CH)	1.00m-1.45m: Iss=7.5%	6, 9, 12 N=21 LL=59% PI= 38% MC=18.8% LS= 20% <75µm= 70% WPI= 3610	SPT
1.5		C				5, 9, 12 N=21 LL=56% PI= 36% MC=17.1% LS= 18%	SPT	
2.0		D	Becomes Silty Clay with Sand. Trace Manganese Oxide			2.00m-2.45m: Iss=2.5%	6, 10, 15 N=25 LL=55% PI= 34% MC=18% LS= 18% <75µm= 74% WPI= 3366	SPT
338.92		E	Silty CLAY with Sand (Alluvium) Brown mottled orange-brown grey, moist, very stiff. Medium plasticity. Sand is fine to medium grained. Sand content increasing with depth.				5, 10, 15 N=25 LL=51% PI= 31% MC=17.9% LS= 18% <75µm= 73% WPI= 3069	SPT
3.5		F					6, 11, 15 N=26 MC=19.1%	SPT
4.0		G	Becomes Silty Sandy CLAY. Hard. Sand is fine grained.		(CI)		7, 12, 20 N=32 LL=41% PI= 28% MC=14.7% LS= 14% <75µm= 52% WPI= 2744	SPT
4.5		H					9, 12, 20 N=32 LL=48% PI= 30% MC=15.1% LS= 16% <75µm= 52% WPI= 2880	SPT
336.47								
5			Borehole completed at 4.95m					

REMARKS: Coordinates taken with handheld GPS. RL taken from site plan.	LOGGED BY	REVIEWED BY
	J.Lopez/J.Kirjan	S. Foley