FINAL 23/06/2016

Queensland Government

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
			CLAY with Silt and Sand (Alluvium) Dark grey mottled brown, moist, very stiff. High plasticity. Sand is fine to medium grained. Trace organic matter.				
		A				5, 7, 11 N=18 LL=69% PI= 47% MC=18.5% LS= 22% <75µm= 72% WPI= 4512	SPT
1		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
		C				5, 9, 12 N=21 LL=56% PI= 36% MC=17.1% LS= 18%	SPT
2		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		F				6, 11, 15 N=26 MC=19.1%	SPT
		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							
		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

TMR GEOTECHNICAL AUGERHOLE LOG - CREATED WITH HOLEBASE SI