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**Queensland
Government**

GEOTECHNICAL AUGERHOLE LOG

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

BOREHOLE No **BH02**

Sheet 1 of 1

REFERENCE No

PROJECT Dalby West Major Culvert Structures

LOCATION Culvert 1 (12D)

COORDINATES 326937.0 E; 6992711.0 N

PROJECT No FG6358

SURFACE RL 341.95m

PLUNGE 90°

DATE STARTED 27/04/2016

GRID DATUM MGA Zone 56

JOB No 498/04598

HEIGHT DATUM AHD

BEARING °

DATE COMPLETED 27/04/2016

DRILLER North Coast

DEPTH (m)	R.L. (m)	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
1		A	CLAY with Silt and Sand (Alluvium) Dark grey mottled brown, moist, stiff. High plasticity. Sand is fine to medium grained.			2, 3, 7 N=10 LL=77% PI= 56% MC=24.6% LS= 23% <75µm= 78% WPI= 5488	SPT
		B	Becomes grey mottled brown. Very stiff. Trace calcareous precipitate.		1.00m-1.45m: Iss=6.5%	3, 8, 9 N=17 LL=70% PI= 48% MC=21.6% LS= 22% <75µm= 74% WPI= 4704	SPT
		C				4, 7, 9 N=16 MC=22.1%	SPT
2		D	Becoming Sandy CLAY with Silt. Trace Manganese Oxide.		2.00m-2.45m: Iss=2.9%	5, 7, 10 N=17 LL=64% PI= 43% MC=20.3% LS= 20% <75µm= 68% WPI= 4257	SPT
		E		(CH)		4, 8, 11 N=19 MC=17.1%	SPT
3		F	Becomes Sandy Silty CLAY			6, 10, 13 N=23 LL=56% PI= 37% MC=18.8% LS= 20% <75µm= 76% WPI= 5544	SPT
		G	Becoming brown mottled orange-brown grey.			6, 10, 13 N=23 MC=17.8%	SPT
4			Becomes hard				
		H				11, 14, 23 N=37 MC=18.1%	SPT
5	337.00		Borehole completed at 4.95m				

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

LOGGED BY

J.Lopez/J.Kirjan

REVIEWED BY

S. Foley