FINAL 19/07/2019

Queensland Government

GEOTECHNICAL AUGER BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS
REFER TO TMR FORM F:GEOT 017/10 - 2019

BOREHOLE No **AU01**
Sheet 1 of 1
REFERENCE No **H13454**

PROJECT Centenary Bridge Upgrade
LOCATION Southbound M5 Centenary Motorway, Jindalee to Kenmore
COORDINATES 494714.62E; 6954613.37N
PROJECT No FG18012
SURFACE RL 8.77m
PLUNGE 90°
DATE STARTED 27/05/2019
GRID DATUM MGA94 56J
JOB No 498/05038
HEIGHT DATUM m AHD
BEARING
DATE COMPLETED 27/05/2019
DRILLER All Tech Drilling

DEPTH (m)	R.L. (m)	AUGER	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	GROUP SYMBOL / WEATHERING	Dynamic Cone Penetrometer (DCP) Blows Per 100mm (5 10 15 20)	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0.10	8.67			ASPHALT (FILL)					
			A	Sandy GRAVEL with silt (FILL) brown, dry, dense. Some Cement Treated Base (CTB). 62% fine to medium grained gravel, sub-angular to sub-rounded grains. 31% fine grained sand. 7% fines.		GM		MC= 7% <75µm= 7% CBR= 40%	BULK
0.45	8.32							0.40m: Water added to to assist in auger drilling.	
0.50				Silty SAND (FILL) brown, moist, loose to medium dense. fine grained sand.		(SP-SM)			
0.60	8.17			Clayey SAND (FILL) orange-brown, moist, loose-medium dense. fine to coarse grained sand. clay, low plasticity.		(SW-SC)			
0.70	8.07			CLAY with sand (Alluvium) (Qa) dark brown, moist, firm. 77% clay, medium plasticity. 22% sand. 1% fine grained gravel, sub-rounded grains.				LL= 36% PI= 23% MC= 7.8% LS= 12% WPI=2143 <75µm= 77% CBR= 2.5%	
1.00									
1.50			B	From 1.50m: becoming stiff.		CI			BULK
				From 1.70m: becoming very stiff.					
				From 1.90m: becoming hard.					
2.00									
2.50	6.27			Borehole completed at 2.50 m.					

REMARKS Original asphalt at test location removed by excavator mounted profiler.
Test location backfilled with compacted Type 2.3 material, compacted hot mix asphalt and joint sealant

LOGGED BY	REVIEWED BY
H. Menon	S. Foley

TMR GEOTECHNICAL AUGER BOREHOLE LOG - CREATED WITH HOLEBASE SI