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**Queensland
Government**

GEOTECHNICAL AUGER BOREHOLE LOG

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

BOREHOLE No **AU10**

Sheet 1 of 1

REFERENCE No **H13463**

PROJECT	Centenary Bridge Upgrade				
LOCATION	Northbound M5 Centenary Motorway, Jindalee to Kenmore			COORDINATES 494668.52E; 6954626.41N	
PROJECT No	FG18012	SURFACE RL	6.52m	PLUNGE	90°
				DATE STARTED	28/05/2019
GRID DATUM	MGA94 56J				
JOB No	498/05038	HEIGHT DATUM	m AHD	BEARING	
				DATE COMPLETED	28/05/2019
				DRILLER	All Tech Drilling

DEPTH (m)	R.L. (m)	AUGER SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	GROUP SYMBOL / WEATHERING	Dynamic Cone Penetrometer (DCP) Blows Per 100mm				ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
						5	10	15	20		
0.05	6.48		ASPHALT (FILL)								
0.15	6.38		Silty GRAVEL (FILL) grey, dry, very dense. medium grained gravel, angular grains.		(GP-GM)						
			Gravelly SAND trace silt (FILL) brown and dark brown, dry, loose. fine to medium grained sand, angular to sub-angular grains. medium to coarse grained gravel.								
0.50					(SP)						
0.90	5.62										
1.00			CLAY (Alluvium) (Qa) dark brown and dark grey, moist, stiff. 90% clay, medium plasticity. 6% gravel. 4% sand.								
			From 1.3m: becoming very stiff.								
1.50		A									
2.00			From 2.0m: becoming hard.		CI						
			Borehole completed at 2.30 m.								
2.50											
3.00	3.52										

LL= 46% PI= 25%
MC= 25.1% LS= 13%
WPI=2318
<75µm= 90%
CBR= 3%

BULK

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

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