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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 **AU05**

Sheet 1 of 1

REFERENCE No **H13458**

PROJECT	Centenary Bridge Upgrade				
LOCATION	Northbound M5 Centenary Motorway, Jindalee to Kenmore			COORDINATES 494780.98E; 6955267.36N	
PROJECT No	FG18012	SURFACE RL	17.22m	PLUNGE	90°
				DATE STARTED	30/05/2019
JOB No	498/05038	HEIGHT DATUM	m AHD	DATE COMPLETED	30/05/2019
			BEARING		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	17.17		ASPHALT (FILL) Sandy Silty GRAVEL (FILL) grey, dry, dense to very dense. Cement treated base (CTB). fine to coarse grained gravel, angular to sub-angular grains. fine to medium grained sand. with cobbles (60-100mm).								
0.50					(GM)						
1.00	16.22		Gravelly CLAY with sand (FILL) orange-brown, moist, firm. 36% clay, medium plasticity. 41% fine to medium grained gravel, sub-angular grains. 23% fine grained sand.								
1.50		A									
2.00					CI						
2.50											
3.00	14.22										

LL= 38% PI= 20%
MC= 12.2% LS= 10%
WPI= 869
<75µm= 36%
CBR= 2%

BULK

From 2.20m: becoming soft.

Borehole completed at 3.00 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

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