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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 **AU09**

Sheet 1 of 1

REFERENCE No **H13462**

PROJECT	Centenary Bridge Upgrade				
LOCATION	Northbound M5 Centenary Motorway, Jindalee to Kenmore			COORDINATES 494718.66E; 6954839.10N	
PROJECT No	FG18012	SURFACE RL	10.46m	PLUNGE	90°
				DATE STARTED	29/05/2019
				GRID DATUM	MGA94 56J
JOB No	498/05038	HEIGHT DATUM	m AHD	BEARING	
				DATE COMPLETED	29/05/2019
				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	10.41		ASPHALT (FILL)								
0.15	10.31		Sandy GRAVEL (FILL) grey, dry, very dense. Cement treated base (CTB) fine to medium grained gravel, angular grains. fine grained sand.		(GP)						
0.50			Silty Sandy GRAVEL (FILL) dark brown-grey, dry, medium dense. medium to coarse grained gravel, sub-angular to sub-rounded grains. fine to medium grained sand.		(GP-GM)						
0.60	9.86										
0.75	9.71		Sandy CLAY (FILL) orange-brown and pale grey mottled, moist, firm. clay, medium to high plasticity. fine grained sand.		(CH)						
1.00			Sandy CLAY trace gravel (Alluvium) (Qa) dark brown, moist, stiff. 75% clay, medium plasticity. 21% fine grained sand. 4% gravel.								
1.50		A			CI						
2.00			From 1.90m: becoming very stiff.								
2.30	8.16										
2.50											

LL= 37% PI= 23%
MC= 23.8% LS= 11%
WPI=2124
<75µm= 75%
CBR= 5%

BULK

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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