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**Queensland
Government**

GEOTECHNICAL TEST PIT LOG

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

EXCAVATION No **TP02**

Sheet 1 of 1

DATE EXCAVATED **10/06/2019**

PROJECT	Centenary Bridge Upgrade			REFERENCE NUMBER	T00617
LOCATION	Kooringal Drive Park, JindaleeM5 Centenary Motorway, Jindalee to Kenmore			COORDINATES	494708.85E; 6954889.73N
PROJECT No	FG18012	SURFACE R.L.	10.34m	HEIGHT DATUM	m AHD
				BEARING	GRID DATUM MGA94 56J
JOB No	498/05038	PLANT TYPE AND MODEL Kubota U55		BUCKET SIZE 600mm	CONTRACTOR Aussie Hydrovac

DEPTH (m)	R.L. (m)	AUGER BUCKET (BLADE) BUCKET (TEETH) ROCK RIPPER	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		
0.15	10.19		ASS	Clayey SAND (TOPSOIL) dark brown, dry, medium dense. 75% fine to coarse grained sand, sub-rounded to angular grains. 25% clay, medium plasticity. trace root fibres.	(SC)						0.40 - 0.53m: Asphalt in eastern side of test pit.	DIST
0.30	10.04			Clayey GRAVEL with sand (FILL) brown grey, dry, very dense. 60% fine to coarse grained gravel, angular to rounded grains. 20% clay, medium plasticity. 20% fine to coarse grained sand. CLAY trace sand (Alluvium) dark brown, dry, stiff. 85% clay, medium plasticity. 14% fine to medium grained sand, sub-angular grains. 1% fine to medium grained gravel, sub-angular grains. From 0.70m: becoming very stiff.	(GC)							BULK
1			1	From 0.90m: becoming hard.							LL= 37% PI= 20% MC= 13.6% LS= 9% WPI=1940 <75µm= 85% CBR= 1.5% ECN= 6	DIST
			ASS									DIST
			ASS								LL= 37% PI= 20% LS= 10% <75µm= 86% ECN= 3	DIST
			ASS	From 1.8m: becoming moist, very stiff. Decrease in sand content.								DIST
2			ASS									DIST
			2									BULK
2.40	7.94			Excavation completed at 2.40 m.								

REMARKS No free groundwater or seepage observed
Test pit moved 3 m west of original nominated location to avoid sewer

LOGGED BY

REVIEWED BY

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