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Government**

GEOTECHNICAL TEST PIT LOG

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

EXCAVATION No **TP05**

Sheet 1 of 1

DATE EXCAVATED **10/06/2019**

PROJECT	Centenary Bridge Upgrade			REFERENCE NUMBER	T00620	
LOCATION	Amazons Place Park, JindaleeM5 Centenary Motorway, Jindalee to Kenmore			COORDINATES	494774.44E; 6954993.13N	
PROJECT No	FG18012	SURFACE R.L.	8.41m	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		
0.25	8.16		ASS	Sandy CLAY (TOPSOIL) dark brown, dry, very stiff-hard. 35% clay, medium plasticity. 65% fine grained sand. From 0.15m: becoming grey - pale brown, dry, dense. 90% medium to coarse grained gravel, rounded to sub-rounded grains, 5% clay, medium plasticity, 5% fine grained sand.		(CI)						DIST
0.50	7.91		ASS	Sandy CLAY (Alluvium) dark brown, dry, hard. 40% clay medium plasticity. 60% fine grained sand.		(CI)						DIST
			1	CLAY with sand (Alluvium) dark brown, dry, very stiff. 67% clay, medium plasticity. 30% fine grained sand. 3% gravel. Interbedded Sandy CLAY.							LL= 31% PI= 11% MC= 9.4% LS= 6% WPI=1086 <75µm= 67% CBR= 7% ECN= 3	BULK
1			ASS									DIST
				From 1.40m: becoming stiff.								DIST
			ASS									DIST
				From 1.60m: becoming very stiff.								DIST
2			ASS			CI						DIST
												DIST
			ASS									DIST
			2	From 2.60m: 79% clay, low plasticity, 21% fine grained sand.							LL= 34% PI= 15% LS= 8% WPI=1500 <75µm= 79%	BULK
2.80	5.61			Excavation completed at 2.80 m.								

REMARKS No free groundwater or seepage observed

LOGGED BY

REVIEWED BY

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