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GEOTECHNICAL TEST PIT LOG

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

EXCAVATION No **TP06**

Sheet 1 of 1

DATE EXCAVATED **10/06/2019**

PROJECT	Centenary Bridge Upgrade			REFERENCE NUMBER	T00621
LOCATION	Amazons Place Park, JindaleeM5 Centenary Motorway, Jindalee to Kenmore			COORDINATES	494791.01E; 6954976.25N
PROJECT No	FG18012	SURFACE R.L.	8.76m	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	8.61		ASS	Sandy CLAY (TOPSOIL) dark brown, dry, very stiff. 35% clay, medium plasticity. 65% fine grained sand.		(CI)						
			1	CLAY with sand (Alluvium) dark brown, dry, very stiff. 85% clay, medium plasticity. 15% fine grained sand. Interbedded with Sandy CLAY.								
				From 0.60m: becoming hard.								
				From 0.80m: becoming stiff-very stiff.								
1			ASS									
			2	From 1.10m: 71% low plasticity clay, 29% sand.								
				From 1.25m: becoming high plasticity.								
1.50	7.26		3	SAND with silt (Alluvium) pale brown, dry, medium dense to dense. 90.8% fine to medium grained sand, sub-angular grains. 9.2% silt, low plasticity.								
			ASS									
2												
			ASS									
2.60	6.16			Excavation completed at 2.60 m.								

LL= 38% PI= 20%
MC= 13.6% LS= 9%
WPI=1980
<75µm= 85%
CBR= 2.5%
ECN= 3

LL= 31% PI= 16%
MC= 14.6% LS= 7%
WPI=1529
<75µm= 71%
CBR= 2.5%
ECN= 3

LL= 23% PI= 1%
MC= 8.3% LS= 0%
WPI=77
<75µm= 9.2%
CBR= 9%

REMARKS No free groundwater or seepage observed

LOGGED BY

REVIEWED BY

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