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GEOTECHNICAL TEST PIT LOG

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

EXCAVATION No **TP03**

Sheet 1 of 1

DATE EXCAVATED **11/06/2019**

PROJECT Centenary Bridge Upgrade REFERENCE NUMBER T00618
 LOCATION 27 Vidgen Lane, KenmoreM5 Centenary Motorway, Jindalee to Kenmore COORDINATES 494763.71E; 6955277.90N
 PROJECT No FG18012 SURFACE R.L. 18.73m 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		
				Clayey GRAVEL with sand (FILL) brown, dry, medium dense-dense. 40% fine to coarse gravel, angular grains. 30% clay, medium plasticity. 20% fine to coarse grained sand. With brick and concrete material (uncontrolled fill).							0.00m: Grass on surface.	
1				From 0.8m: becoming very dense.								
1.80	16.93		1	CLAY trace sand (Residual) brown - yellow brown, dry, hard. 90% clay, high plasticity. 9% fine to coarse grained sand. 1% fine to coarse gravel, angular grains.		CH					LL= 66% PI= 30% MC= 15.4% LS= 15% WPI=3439 <75µm= 90% CBR= 4.5% ECN= 4	DIST
2.20	16.53		2	?TUFF? XW: recovered as grey yellow brown, dry, hard gravelly CLAY trace sand. 41% clay, medium plasticity 50% fine to medium grained gravel 9% sand. Pervasive weathering throughout sample hinders definitive identification of lithology.		XW					LL= 49% PI= 25% MC= 15.4% LS= 11% WPI=1025 <75µm= 41% CBR= 4.5% ECN= 3	BULK
2.60	16.13			Excavation completed at 2.60 m.								

REMARKS No free groundwater or seepage observed

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