FINAL 19/07/2019

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)	SAMPLE	MATERIAL DESCRIPTION	GROUP SYMBOL / WEATHERING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
		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)		DIST
0.15	10.19			(GC)		
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.		0.40 - 0.53m: Asphalt in eastern side of test pit.	
		1	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.		LL= 37% PI= 20% MC= 13.6% LS= 9% WPI=1940 <75µm= 85% CBR= 1.5% ECN= 6	BULK
			From 0.70m: becoming very stiff.			
			From 0.90m: becoming hard.			
1		ASS		CI		DIST
		ASS				DIST
			From 1.8m: becoming moist, very stiff. Decrease in sand content.			
2		ASS				DIST
		2			LL= 37% PI= 20% LS= 10% <75µm= 86% ECN= 3	BULK
2.40	7.94		Excavation completed at 2.40 m.			

Dynamic Cone Penetrometer (DCP) Blows Per 100mm: 5 10 15 20

AUGER / BUCKET (BLADE) / BUCKET (TEETH) / ROCK RIPPER

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

LOGGED BY	REVIEWED BY
N. Dewar	S. Foley

TMR GEOTECHNICAL TEST PIT LOG - CREATED WITH HOLEBASE SI