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GEOTECHNICAL TEST PIT LOG

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

EXCAVATION No **Location 18**

Sheet 1 of 1

DATE EXCAVATED **19/12/2019**

PROJECT	M5 Centenary Bridge Upgrade - Northern Riverbank Geotechnical Investigation			REFERENCE NUMBER	T00698	
LOCATION	Brisbane River, Spinkbrae Street Park, Fig Tree Pocket, M5 Centenary Bridge			COORDINATES	494822.01E; 6955209.02N	
PROJECT No	FG19080	SURFACE R.L.	1.78m	HEIGHT DATUM	m AHD	
				BEARING		
				GRID DATUM	WGS84 UTM 56J	
JOB No	498/05146	PLANT TYPE AND MODEL	Kubota KX033-4		BUCKET SIZE	300mm
					CONTRACTOR	Aussie Excavations

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		
0.10	1.68			sandy CLAY (Alluvium) brown, dry to moist, estimated firm to stiff high plasticity, fine to medium grained sand fraction, with silt BOULDERS and COBBLES (FILL) grey, moist, loose 65 mm to 700 mm sized cobbles and boulders, mixed with silty sandy clay alluvial? soil contains refuse (plastic bags, cans, plastic bottles, fabric) either placed by floodwater or placed by earthworks?		(CH)						
1.10	0.68		A	sandy CLAY (Alluvium) grey, moist to wet, soft low plasticity, fine grained sand fraction, with silt							1.3m: Su(FSV)= 30/8 kPa 1.3m: Su(PP)= 20-35 kPa LL= 32% PI= 14%	DIST
2			B	from 2.0 m: wet		CL					1.9m: Su(FSV)= 30/10 kPa 1.9m: Su(PP)= 25 kPa MC= 31.7%	DIST
			C								2.7m: Su(FSV)= 12/6 kPa 2.7m: Su(PP)= 10-20 kPa LL= 32% PI= 16%	DIST
2.95	-1.17			Excavation completed at 2.95 m.								

REMARKS Groundwater seepage at 2.0 m depth

LOGGED BY

REVIEWED BY

M. Hayes

S. Foley