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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 13**

Sheet 1 of 1

DATE EXCAVATED **19/12/2019**

PROJECT	M5 Centenary Bridge Upgrade - Northern Riverbank Geotechnical Investigation			REFERENCE NUMBER	T00696	
LOCATION	Brisbane River, Spinkbrae Street Park, Fig Tree Pocket, M5 Centenary Bridge			COORDINATES	494796.10E; 6955213.97N	
PROJECT No	FG19080	SURFACE R.L.	3.29m	HEIGHT DATUM	m AHD	BEARING
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		
			A	silty SAND (Alluvium) brown, dry, estimated very loose fine to medium grained sand fraction, with trace root fibre		SM					MC= 16.2% <75µm= 33%	DIST
0.50	2.79			clayey gravelly COBBLES (FILL) brown-grey, red-brown, moist, estimated loose 63 mm to 200 mm sized cobbles, medium to coarse grained gravel fraction, with fine to coarse grained sand, with silt								
1.50	1.79		B	CLAY (FILL) brown, moist, hard high plasticity, with trace fine to medium grained sand, with trace fine to medium grained gravel		(CH)					1.6m: Su(PP)= >275 kPa	DIST
2.30	0.99		C	silty CLAY (Alluvium) brown and orange-brown mottled, dry to moist, stiff to very stiff high plasticity, with fine grained sand		CI					2.4m: Su(PP)= 75-100 kPa LL= 38% PI= 21%	DIST
2.60	0.69		D	sandy CLAY (Alluvium) grey and grey-brown, moist, firm low plasticity, fine to medium grained sand fraction		CL					2.7m: Su(FSV)= 36/10 kPa 2.7m: Su(PP)= 50 kPa LL= 33% PI= 17%	DIST
2.80	0.49			Excavation completed at 2.80 m.								

REMARKS No free groundwater observed

LOGGED BY

REVIEWED BY

M. Hayes

S. Foley