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**Queensland
Government**

GEOTECHNICAL AUGER BOREHOLE LOG

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

BOREHOLE No **Location 02**

Sheet 1 of 1

REFERENCE No **H13831**

PROJECT	M5 Centenary Bridge Upgrade - Northern Riverbank Geotechnical Investigation				
LOCATION	Brisbane River, 27 Vidgen Lane, Kenmore, M5 Centenary Bridge			COORDINATES 494742.52E; 6955218.79N	
PROJECT No	FG19080	SURFACE RL	3.62m	PLUNGE	90°
				DATE STARTED	11/12/2019
JOB No	498/05146	HEIGHT DATUM	m AHD	BEARING	
				DATE COMPLETED	12/12/2019
				DRILLER	M. Hayes

DEPTH (m)	R.L. (m)	AUGER 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		
0.20	3.42	A	silty SAND (Alluvium) (Qa) brown, moist, very loose fine to medium grained, with clay, with trace root fibre and organics	CI	(SM)					MC= 19.4%	DIST
0.50		B	sandy CLAY (Alluvium) (Qa) brown, moist, firm to stiff medium plasticity, fine to medium grained sand fraction, with silt							LL= 37% PI= 19% MC= 9.8% LS= 8% <75µm= 49%	DIST
			at 0.5 m: dry and friable, stiff to very stiff								
			at 0.7 m to 0.9 m: with some fine to medium grained angular gravel								
1.50		C	at 1.3 m: moist, low plasticity							LL= 30% PI= 15%	DIST
			at 1.4 m: with medium to coarse grained angular gravel								
			at 1.45 m: with cobbles (or possible rock?)								
1.55	2.07		Borehole completed at 1.55 m.								
2.00											
2.50											

REMARKS No free groundwater observed
Colluvial cobbles and boulders observed between Location 2 and Location 4

LOGGED BY

REVIEWED BY

M. Hayes

S. Foley