FINAL 24/02/2020

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
GRID DATUM WGS84 UTM 56J
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 5 10 15 20	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
			A	silty SAND (Alluvium) (Qa) brown, moist, very loose fine to medium grained, with clay, with trace root fibre and organics		(SM)		MC= 19.4%	DIST
0.20	3.42			sandy CLAY (Alluvium) (Qa) brown, moist, firm to stiff medium plasticity, fine to medium grained sand fraction, with silt					
			B					LL= 37% PI= 19% MC= 9.8% LS= 8% <75µm= 49%	DIST
0.50				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					
1.00						CI			
			C	at 1.3 m: moist, low plasticity				LL= 30% PI= 15%	DIST
				at 1.4 m: with medium to coarse grained angular gravel					
1.50				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

TMR GEOTECHNICAL AUGER BOREHOLE LOG - CREATED WITH HOLEBASE SI