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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 01**

Sheet 1 of 1

REFERENCE No **H13830**

PROJECT	M5 Centenary Bridge Upgrade - Northern Riverbank Geotechnical Investigation				
LOCATION	Brisbane River, 27 Vidgen Lane, Kenmore, M5 Centenary Bridge			COORDINATES 494737.36E; 6955215.74N	
PROJECT No	FG19080	SURFACE RL	1.21m	PLUNGE	90°
				DATE STARTED	11/12/2019
JOB No	498/05146	HEIGHT DATUM	m AHD	BEARING	
				DATE COMPLETED	11/12/2019
				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		
		A	silty CLAY (Alluvium) (Qa) brown and orange-brown, moist, very soft to soft high plasticity, some fine to medium grained sandy clay zones at 0.2 m: soft to firm		(CH)					0.15m: Su(FSV)= 36/12 kPa 0.2m: Su(PP)= 20-30 kPa MC= 55%	DIST
0.40	0.81	B	gravelly CLAY (Residual) (Dcf) green-grey and orange-brown, moist, firm to stiff high plasticity, fine to medium grained angular gravel, with fine to coarse grained sand, with silt		(CH)						DIST
0.80	0.41		ARGILLITE (Dcf) HW: green-grey and grey, very low strength at 0.85 m: low strength		HW						
0.88	0.33		Borehole completed at 0.88 m.								
1.00											
1.50											
2.00											
2.50											

REMARKS Groundwater seepage at 0.8 m depth
Ground surface at bore location below high tide mark

LOGGED BY

REVIEWED BY

M. Hayes

S. Foley