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# ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH44  
SHEET 1 of 1  
REFERENCE No H11085

PROJECT Moreton Bay Rail Link  
LOCATION At CPTu44, Fill 19, Ch.11950 COORDINATES 507505.2 E; 6988518.9 N  
PROJECT No FG5921 SURFACE R.L. 1.50m PLUNGE \_\_\_\_\_ DATE STARTED 23/5/11 GRID DATUM MGA94 Zone 56  
JOB No 250/120/3 HEIGHT DATUM AHD BEARING \_\_\_\_\_ DATE COMPLETED 23/5/11 DRILLER R&D Drilling Pty Ltd

DEPTH (m)	R.L. (m)	AUGER	RQD ( ) %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	1.50					<b>Silty CLAY (Estuarine)</b> Pale yellow, moist.							Based on Driller's logs only	
1	0.50				A	<b>CLAY (Estuarine)</b> Blue grey with yellow nodules, moist to wet, very soft to firm. High plasticity.	(CH/OH)						DD = 0.90t/m <sup>3</sup> ; WD = 1.60t/m <sup>3</sup> ; MC = 67.2%; Su=40kPa	U100
2	-0.70				B	Plant materials (sulfurous odour).							DD = 1.90t/m <sup>3</sup> ; WD = 2.20t/m <sup>3</sup> ; MC = 16.8%; Su=180kPa	U100
3	-1.95				C	<b>Sandy CLAY (Alluvial)</b> Blue grey and brown with yellow orange mottles, moist, very stiff to hard. High plasticity.	(CH)							
						Minor plant materials; sand fraction is subangular, medium grained.							6,13,18 N=31	SPT
4						Sand content increasing with depth. Borehole terminated at 3.45m								
5														
6														
7														
8														
9														
10														

REMARKS \_\_\_\_\_

LOGGED BY  
DC2 / JSM