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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH25
SHEET 1 of 1
REFERENCE No _____

PROJECT Moreton Bay Rail Link
LOCATION At CPTu20, Fill 17, Ch.9700 COORDINATES 505273.1 E; 6988986.7 N
PROJECT No FG5921 SURFACE R.L. 2.90m PLUNGE _____ DATE STARTED 1/7/11 GRID DATUM MGA94 Zone 56
JOB No 250/120/3 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 1/7/11 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	2.90														
1	1.90				A	Silty SAND (Topsoil) Dark grey, moist, loose.							Based on Driller's logs only		
2					B	Sandy CLAY (Residual) Mottled red grey, moist, stiff. Low plasticity; organic odour. Sand fraction is fine grained; iron staining up to 2.5m depth.	(CL-ML)							4,5,6 N=11	SPT
3					C									2,4,4 N=8	SPT
4	-0.90				D	SANDSTONE Fine grained sedimentary rock mainly comprising sand sized particles XW: Generally exhibits engineering properties of yellow brown grey, moist, very stiff to hard sandy clay.								2,3,5 N=8	SPT
5					E	Becoming grey between 4.5m to 6.5m; red iron staining in parts.								5,8,10 N=18	SPT
6					F	Relict rock structure visible throughout.	XW						10,15,21 N=36	3,11,9 N=20	SPT
7					G									10,12,17 N=29	SPT
8	-5.55				H									15,16,21 N=37	SPT
9						Borehole terminated at 8.45m									
10															

REMARKS _____

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