ENGINEERING BOREHOLE LOG

Queensland Government

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

BOREHOLE No **BH35**
SHEET 1 of 1
REFERENCE No **H11083**

PROJECT Moreton Bay Rail Link
LOCATION Fill 18, Ch.11100 COORDINATES 506731.5 E; 6988845.3 N
PROJECT No FG5921 SURFACE R.L. 2.00m PLUNGE DATE STARTED 22/6/11 GRID DATUM MGA94 Zone 56
JOB No 250/120/3 HEIGHT DATUM AHD BEARING DATE COMPLETED 22/6/11 DRILLER R&D Drilling Pty Ltd

DEPTH (m)	R.L. (m)	AUGER / CASING / WASH BORING	RQD ( )% CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH (EH VH H M L VL EL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	2.00				**Silty CLAY(Alluvial)** Grey, moist, soft to mainly firm. Medium plasticity. Organic odour; minor traces of fine grained sand.		(CI)					Based on Driller's logs only	
1				A								1,3,3 N=6	SPT
	0.40				**Sandy SILT(Residual)** Yellow grey, moist, very stiff.								
2				B	Sand fraction is fine grained. Minior iron staining throughout; contains thin clay bands in parts.							4,6,12 N=18	SPT
3				C			(CL-ML)					6,8,11 N=19	SPT
4	-2.00			D	**Interbedded SILTSTONE and SANDSTONE** **SANDSTONE: Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand-sized particles**							5,5,9 N=14	SPT
5				E	**SILTSTONE: Fine grained sedimentary rock mainly comprising of silt-sized particles** **XW:** Generally exhibits engineering properties of yellow brown grey, moist, laminated, medium dense to very dense silty sand.							9,7,11 N=18	SPT
6				F	Relict rock structure visible throughout; displays cracking along laminations; minor iron staining throughout.		XW					7,17,26 N=43	SPT
7				G								11,20,23 N=43	SPT
8	-6.45			H								12,24,30 N>50	SPT
9					Borehole terminated at 8.45m								
10													

QLD_DMR_LIB_01A.GLB Log A_ENGINEERING BOREHOLE LOG W LITHOLOGY FG5921 MORETON BAY RAIL LINK.GPJ <<DrawingFile>> Datgel CPT Tool gINT Add-In 06/10/2011 14:45

REMARKS

LOGGED BY
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