ENGINEERING BOREHOLE LOG

Queensland Government

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

BOREHOLE No **BH33**
SHEET 1 of 1
REFERENCE No **H11037**

PROJECT Moreton Bay Rail Link
LOCATION Fill 18, Ch.10920 COORDINATES 506580.9 E; 6988911.8 N
PROJECT No FG5921 SURFACE R.L. 1.90m PLUNGE DATE STARTED 24/5/11 GRID DATUM MGA94 Zone 56
JOB No 250/120/3 HEIGHT DATUM AHD BEARING DATE COMPLETED 24/5/11 DRILLER R&D Drilling Pty Ltd

DEPTH (m)	R.L. (m)	AUGER	RQD ( ) % CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH 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	1.90				**Silty CLAY (TOPSOIL)** Dark brown, moist, soft. Highly organic content.							Based on Driller's logs only	
1	0.90			A	**Silty CLAY(Alluvial)** Dark brown with yellow mottles, moist, firm to stiff. High plasticity; organic content.							▽ 24/5/11 1,2,3 N=5	SPT
2				B	Becoming grey with yellow red mottles.		(CH-OH)					2,3,1 N=4	SPT
3				C	Iron stained nodules increasing with depth.							2,2,4 N=6	SPT
4	-2.10			D	**Silty CLAY (Residual)** Pale grey, moist, very stiff to hard. High plasticity. Iron stained nodules throughout.							7,10,14 N=24	SPT
5				E			(CH)					8,14,20 N=34	SPT
6	-4.10			F	**Calyey SAND(Residual)** White, moist, medium dense. Sand fraction fine to medium grained. Sand content increase with depth.		(SC)					5,8,12 N=20	SPT
7	-5.55			G	Becoming sandier with depth.							7,9,10 N=19	SPT
8					Borehole terminated at 7.45m								
9													
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
LVD