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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH41
SHEET 1 of 2
REFERENCE No H11038

PROJECT Moreton Bay Rail Link
LOCATION Fill 19, Ch. 11700 COORDINATES 507272.0 E; 6988569.9 N
PROJECT No FG5921 SURFACE R.L. 3.10m 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 WASH BORING CORE DRILLING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	3.10					Clayey SAND (Topsoil) Dark brown, moist, loose.							Based on Driller's logs only	
1	2.10				A	SAND (Alluvial) Dark brown, moist, poorly cemented, medium grained, loose to medium dense. Trace of clay. Sand fraction is subangular.	(SP)						2,3,7 N=10	SPT
2														
3	0.60				B	Sandy CLAY (Residual) Grey white with yellow red, orange and red streaking, stiff. Medium grained quartz feldspathic sand throughout. Medium to high plasticity; iron stained concretionary nodules throughout.							3,4,5 N=9	SPT
4					C	Sand content increasing below 4m depth.	(Cl-CH)						4,3,3 N=6	SPT
5														
6					D								3,3,6 N=9	SPT
7	-3.90				E	SILTSTONE HW: Grey white and grey with yellow red iron staining throughout, moist, very stiff to hard, weathered to silty clay. High plasticity.							15,29,33 N>50	SPT
8														
9	-5.40				F	Interbedded MUDSTONE and SANDSTONE HW: Grey and brown with greyish white, fine to medium grained quartz feldspathic sand, very dense. Iron staining throughout; subhorizontal laminae.	HW						23,31/150mm N>50	SPT
10	-6.90													

REMARKS _____

LOGGED BY
DC2 / JSM



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10	-6.90														
11															
12															
13	-9.90														
14															
15															
16															
17															
18															
19															
20															

REMARKS _____

LOGGED BY
DC2 / JSM

Project Name	Moreton Bay Rail Link (MBRL)		
Project No	FG5921	Date	23/05/2011
Borehole No	BH 41	TMR H No	
Location	On centre line	Start Depth (m)	10.00
Detail	Embankment	Finish Depth (m)	12.98
Chainage	11700	Submitted By	BW
Remarks			

