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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH22
SHEET 1 of 2
REFERENCE No H11033

PROJECT Moreton Bay Rail Link
LOCATION Rothwell Station, Ch.9040 COORDINATES 504770.2 E; 6988776.3 N
PROJECT No FG5921 SURFACE R.L. 2.10m PLUNGE _____ DATE STARTED 17/5/11 GRID DATUM MGA94 Zone 56
JOB No 250/120/3 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 17/5/11 DRILLER R&D Drilling Pty Ltd

DEPTH (m)	R.L. (m)	AUGER CASING OTHER 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	2.10					Silty CLAY Red grey, moist, stiff.						Non-destructive drilling up to 1.5m depth. Based on Driller's logs only	
1													
2	0.60				A	Sandy CLAY (Residual) Mottled grey brown, moist, stiff to hard. Medium to high plasticity. Sand fraction is fine to medium grained.							U50
3					B	Contains iron stained nodules throughout.						2,4,6 N=10; LL=82%, PI=51%, LS=20+	SPT
4					C	Becoming hard below 4.0m.	(CH)					16,19,27 N=46	SPT
5	-2.65				D	SANDSTONE Fine to medium grained, massive, poorly cemented sedimentary rock comprising mainly sand-sized particles HW: White and yellow brown scattered, fine to medium grained, moist, hard, sandy clay.						20,28,30/90mm N>50	SPT
6			(0)			Becoming grey and yellow brown iron stained, fine grained, massive, low strength. Defects: Nil.							
7			100 (0)				HW						
8													
9	-6.50		100			Interbedded SANDSTONE and MUDSTONE MW: Grey and yellow brown, dark grey bands, fine grained, laminated, mainly low strength. Moderately discoloured.	HW					HW band	
10							MW						

REMARKS _____

LOGGED BY
BW / SG



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SHEET 2 of 2
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DEPTH (m)	R.L. (m)	AUGER CASING OTHER 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
10	-7.90														
11															
12	-9.80														
13															
14	-12.40														
15															
16															
17															
18															
19															
20															

REMARKS _____

LOGGED BY
BW / SG

Project Name	Moreton Bay Rail Link (MBRL)		
Project No	FG5921	Date	17/05/11
Borehole No	BH 22	TMR H No	11033
Location	Rothwell Station	Start Depth (m)	5.50
Detail		Finish Depth (m)	14.50
Chainage	Approx	Submitted By	BW
Remarks			





SCALE 1:5