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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH06
SHEET 1 of 2
REFERENCE No H11016

PROJECT Moreton Bay Rail Link
LOCATION Cut 3, Ch.2920 COORDINATES 500152.6 E; 6985163.3 N
PROJECT No FG5921 SURFACE R.L. 20.60m PLUNGE _____ DATE STARTED 1/6/11 GRID DATUM MGA94 Zone 56
JOB No 250/120/3 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 1/6/11 DRILLER R&D Drilling Pty Ltd

DEPTH (m)	R.L. (m)	AUGER CASING OTHER WASH BORING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	20.60												
1					A	Silty CLAY (Residual) Mottled red grey and yellow, moist, stiff to very stiff. Medium to high plasticity. Minor plant material and organic contents in parts; iron stained nodules throughout.						Non-destructive drilling up to 1m depth (Based on Driller's logs only)	
2					B		(Cl-CH)					3,3,4 N=7; LL-57%, PI=33%, LS=14+	SPT
3					C							4,8,8 N=16; LL-66%, PI=37%, LS=15+	SPT
4					D							6,11,16 N=27	SPT
5	15.60				F	Becoming medium to coarse grained sandy clay below 5m depth. Sandy CLAY (Residual) Grey and mottled red yellow, moist, very stiff. High plasticity.						4,8,14 N=22	SPT
6					F	Sand fraction is medium to coarse grained. Minor iron staining below 7m depth.	(CH)					4,8,14 N=22	SPT
7					G							6,8,11 N=19	SPT
8					H							6,9,11 N=20	SPT
9	12.00				J	SANDSTONE Fine to medium grained, massive, poorly cemented sedimentary rock mainly comprising sand sized particles XW: Generally exhibits engineering properties of red brown, moist, laminated, very stiff sandy clay. Sand fraction is fine to medium grained.	XW					7,11,15 N=26	SPT
10													

REMARKS _____

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REFERENCE No H11016

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								EH	VH	IN	N	J	VL	EL		
10	10.60															
	10.15			K	Highly iron stained throughout.		XW									5,7,12 N=19
					Rock fabric structure visible throughout. Borehole terminated at 10.45m											
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

REMARKS _____

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