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# ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH26  
SHEET 1 of 1  
REFERENCE No H11036

PROJECT Moreton Bay Rail Link  
LOCATION Cut and Fill COORDINATES 505374.4 E; 6989008.2 N  
PROJECT No FG5921 SURFACE R.L. 4.80m PLUNGE DATE STARTED 30/6/11 GRID DATUM MGA94 Zone 56  
JOB No 250/120/3 HEIGHT DATUM AHD BEARING DATE COMPLETED 30/6/11 DRILLER R&D Drilling Pty Ltd

DEPTH (m)	R.L. (m)	AUGER	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES	TESTS
0	4.80					<b>Sandy CLAY (Topsoil)</b> Brown red, moist, soft.							Based on Driller's logs only		
1	3.80				A	<b>Sandy CLAY (Residual)</b> Mottled red grey, moist, very stiff.  Low plasticity.  Sand fraction is fine grained; iron concretionary nodules throughout.							5,9,13 N=22	SPT	
2					B		(CL)						4,10,13 N=23	SPT	
3					C								6,9,11 N=20	SPT	
4	1.30				D	<b>SANDSTONE</b> <b>Fine grained, massive, poorly cemented sedimentary rock mainly comprising sand sized particles</b> <b>XW:</b> Generally exhibits engineering properties of grey, red iron stained, moist, fine grained, stiff to very stiff clayey sand.  Heavily iron stained below 5m.		XW					5,7,7 N=14	SPT	
5					E								7,6,7 N=13	SPT	
6	-0.70				F	<b>Silty CLAYSTONE</b> <b>Fine grained sedimentary rock mainly comprising clay-sized particles</b> <b>XW:</b> Generally exhibits engineering properties of grey brown, moist, stiff, silty clay.  Medium to high plasticity.		XW					5,6,5 N=11	SPT	
7					G	Contains thin bands of fine grained sandstone in parts; minor traces of iron staining.						30/6/11	3,3,7 N=10	SPT	
8	-2.70				H	<b>SANDSTONE</b> <b>HW:</b> Yellow grey, moist, fine to medium grained, dense to very dense silty sand.  Relict rock fabric structure visible; iron oxidation throughout.		HW					7,12,17 N=29	SPT	
9	-4.65														
10						Borehole terminated at 9.45m									

REMARKS

LOGGED BY  
LVD