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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

BOREHOLE No BH21
SHEET 1 of 1
REFERENCE No H10449

PROJECT Gateway Upgrade North (GUN)
LOCATION At CPTU 17 Adjacent to Nudgee Hardfill site COORDINATES 509607.2 E; 6973252.5 N
PROJECT No FP5249 SURFACE R.L. 2.08m PLUNGE -90° DATE STARTED 14/10/08 GRID DATUM MGA94 Zone 56J
JOB No HEIGHT DATUM AHD BEARING DATE COMPLETED 14/10/08 DRILLER Drillsure Pty Ltd

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								EH	VH	VI	VI	VI				
0	2.08					FILL (Drilling records only) Dark grey, moist, soft, highly organic.								∇ 14/10/2008 Measured at time of drilling		
1	1.43				A									HW,HW,1 N=1	SPT	
2	-0.22				B	GRAVELLY SILTY CLAY Brown, moist, firm to stiff. High plasticity; gravel fraction consists of subangular lithic particles sizing up to 10mm.	(CH)							1,3,6 N=9	SPT	
3					C	ALLUVIAL(?) SILTY CLAY Pale grey, moist, stiff to mainly very stiff. Low to medium plasticity; relic ironstained joint features; likely to be fissured (based on CPTu log)								2,4,5 N=9	SPT	
4					D		(CL-CI)							4,5,6 N=11	SPT	
5					E									4,6,7 N=13	SPT	
6					F									6,7,9 N=16	SPT	
7	-4.92				G	SILTY CLAY / CLAYEY SILT Pale grey, moist, very stiff. Low to medium plasticity; non-porous.	(CL-CI ML-MI)							4,8,7 N=15	SPT	
8	-6.37				H									5,6,8 N=14	SPT	
9						Borehole terminated at 8.45m										
10																

REMARKS _____

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