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REPORT OF BOREHOLE: BH2D07

SHEET: 1 OF 2

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82437.7 m E 61443.9 m N GCCC
PROJECT: Gold Coast Rapid Transit SURFACE RL: 15.05 m DATUM: AHD
LOCATION: Zone 2 INCLINATION: -90°
JOB NO: 117632047 HOLE DEPTH: 17.60 m

DRILL RIG: Hydrapower Scout
CONTRACTOR: GeoDrill Pty Ltd
LOGGED: WJH DATE: 16/8/11
CHECKED: NK DATE: 26/9/11

Drilling				Sampling		Field Material Description							
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION		MOISTURE CONDITION	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
ADV	L-M	Groundwater not observed	0	15.05					FILL: Sandy GRAVEL	D	L		
			0.20					fine to medium grained, sub-angular to angular, brown					
			14.85				FILL: Sandy Gravelly CLAY						
				SPT 0.50-0.95 m			high plasticity, brown						
				3, 2, 5									
				N=7									
			1		SPT 1.00-1.45 m								
				3, 2, 3									
				N=5									
			2										
WB	M			2.50				FILL: CLAY	M (>PL)	F			
			12.55				high plasticity, yellow brown, trace angular gravel, PVC plastic and wood pieces						
			3	3.00			dark brown						
			12.05										
				SPT 2.50-2.95 m									
				3, 3, 5									
				N=8									
			4		SPT 4.00-4.45 m								
				12, 9, 6									
				N=15									
				5.50				trace fine to medium sub-angular gravel					
			9.55										
				SPT 5.50-5.95 m									
				2, 2, 5									
				N=7									
			6										
				6.80			FILL: Sandy CLAY	M - W				S	
			8.25			dark grey							
			8	8.00			CH Silty CLAY	M (>PL)				VSt	
			7.05			high plasticity, grey							
		SPT 8.50-8.95 m											
	4, 11, 5												
	N=16												
9													

This report of borehole must be read in conjunction with accompanying notes and abbreviations. It has been prepared for geotechnical purposes only, without attempt to assess possible contamination. Any references to potential contamination are for information only and do not necessarily indicate the presence or absence of soil or groundwater contamination.

GAP gINT FN. F01a
RL3



REPORT OF BOREHOLE: BH2D07

SHEET: 2 OF 2

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82437.7 m E 61443.9 m N GCCC
PROJECT: Gold Coast Rapid Transit SURFACE RL: 15.05 m DATUM: AHD
LOCATION: Zone 2 INCLINATION: -90°
JOB NO: 117632047 HOLE DEPTH: 17.60 m

DRILL RIG: Hydrapower Scout
CONTRACTOR: GeoDrill Pty Ltd
LOGGED: WJH DATE: 16/8/11
CHECKED: NK DATE: 26/9/11

Drilling				Sampling		Field Material Description						
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
WB	M	Groundwater not observed	10		SPT 10.00-10.45 m 5, 5, 8 N=13		CH	Silty CLAY high plasticity, grey	M (>PL)	VSt		
			11	11.20 3.85	CH		Sandy CLAY high plasticity, grey					
			12									
			13		SPT 11.50-11.95 m 5, 7, 9 N=16							
			13		SPT 13.00-13.45 m 5, 8, 19 N=27							
			14	13.80 1.25	SC		Clayey SAND fine to medium grained, sub-rounded to sub-angular, grey	M	MD - D			
			15		U50 14.50-14.75 m							
			16	15.60 -0.55	ML		SILT medium to medium plasticity, white to pale grey	M (>PL)	VSt			
			17	17.00 -1.95	CH		Sandy CLAY high plasticity, brown			Inferred EW siltstone		
					SPT 17.50-17.59 m 30/90 mm			END OF BOREHOLE @ 17.60 m TARGET DEPTH GROUNDWATER NOT OBSERVED				
			18									
			19									
			20									

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