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REPORT OF BOREHOLE: BH441

SHEET: 1 OF 2

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 86104.0 m E 58954.3 m N GCCC
PROJECT: Gold Coast Rapid Transit SURFACE RL: 2.91 m DATUM: AHD
LOCATION: Zone 4 INCLINATION: -90°
JOB NO: 117632047 HOLE DEPTH: 15.38 m

DRILL RIG: Hydrapower Scout
CONTRACTOR: GeoDrill Pty Ltd
LOGGED: BT DATE: 31/8/11
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
ADT	L		0	2.91					FILL: SAND fine to coarse grained, sub-angular to angular, pale grey to brown, with some fine to medium gravel, trace silt	M		Grass at surface. Roots
	M-H		1		SPT 0.50-0.95 m 3, 4, 5 N=9			Coarse gravel, cobbles up to 150 mm diameter, increased drilling resistance				
			2		SPT 1.00-1.45 m 4, 1, 1 N=2							
RT			3		SPT 1.50-1.95 m 1, 1, 1 N=2							
			4		SPT 2.00-2.45 m 2, 1, 2 N=3							
			5		SPT 2.50-2.95 m 1, 2, 5 N=7							
RD			6		SPT 4.00-4.45 m 8, 4, 3 N=7				SM Silty SAND fine to coarse grained, sub-rounded to sub-angular, pale grey to dark grey, with some shell fragments up to 10 mm in diameter	W	L - MD	
			7		SPT 5.00-5.45 m 3, 2, 4 N=6							
			8		SPT 6.00-6.45 m 5, 4, 5 N=9							
			9		SPT 7.00-7.45 m 7, 8, 9 N=17					D		
			10		SPT 8.00-8.42 m 13, 26, 30/120 mm N>56							
			11		SPT 9.20-9.48 m 27, 30/130 mm N>30							
			12								VD	

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



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RD	L		10		SPT 10.00-10.25 m 25, 30/100 mm N>30			SM	Silty SAND fine to coarse grained, sub-rounded to sub-angular, pale grey to dark grey, with some shell fragments up to 10 mm in diameter		W	VD		
			11											
RD	L		12		SPT 11.50-11.77 m 24, 30/120 mm N>30									
			13											
RD	L		14		SPT 13.00-13.45 m 15, 21, 22 N=43									
			15											
RD	L		15	14.80 -11.89	SPT 15.00-15.38 m 11, 24, 30/80 mm N>54			SM	fine to coarse, sub-rounded to sub-angular, brown, inferred coffee rock					
			16											
RD	L		17						END OF BOREHOLE @ 15.38 m TARGET DEPTH					
			18											
RD	L		19											
			20											

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