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REPORT OF BOREHOLE: BH215

SHEET: 1 OF 3

DRILL RIG: FD500

CONTRACTOR: Foundril Pty Ltd

LOGGED: WJH DATE: 30/8/11

CHECKED: NK DATE: 26/9/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82094.40 m E 61366.10 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 21.85 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 22.30 m

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		0	21.85					FILL: CLAY high plasticity, brown, trace pieces of wood	M (<PL)		
			1	SPT 1.00-1.45 m 3, 2, 3 N=5					S - F			
			2							M (>PL)		
			2.50									
			3	19.35	SPT 2.50-2.95 m 7, 15, 4 N=19				FILL dark grey, rubbish, plastic, pieces of wood			
			4	SPT 4.00-4.45 m 5, 3, 6 N=9								
			5									Hard object under SPT
			6	SPT 5.50-5.95 m 4, 6, 5 N=11								
			7		SPT 7.00-7.45 m 2, 11, 8 N=19							Rock struck in SPT
			8									
			9		SPT 8.50-8.90 m 5, 5, 30/100 mm N>35							
			10									

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: BH215

SHEET: 2 OF 3

DRILL RIG: FD500

CONTRACTOR: Foundril Pty Ltd

LOGGED: WJH DATE: 30/8/11

CHECKED: NK DATE: 26/9/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82094.40 m E 61366.10 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 21.85 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 22.30 m

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	
RT	M	Groundwater not observed	10		SPT 10.00-10.45 m 6, 7, 7 N=14				FILL dark grey, rubbish, plastic, pieces of wood	M - W			
			11		SPT 11.50-11.95 m 6, 3, 9 N=12								
			12										
			13		SPT 13.00-13.45 m 10, 9, 9 N=18								
			14										
			15	14.80 7.05	SPT 14.50-14.95 m 4, 7, 6 N=13								FILL: Sandy CLAY high plasticity, brown, fine grained and sub-rounded sand
			16		SPT 16.00-16.45 m 18, 10, 8 N=18								
			17										
			18		SPT 17.50-17.95 m 8, 7, 9 N=16								
			19	18.90 2.95	SPT 19.00-19.45 m 22, 24, 23 N=47								
20	19.50 2.35		CL-CI	Silty CLAY low to medium plasticity, pale grey and brown	M (>PL)	VSt							

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RL3



REPORT OF BOREHOLE: BH215

SHEET: 3 OF 3

DRILL RIG: FD500

CONTRACTOR: Foundril Pty Ltd

LOGGED: WJH DATE: 30/8/11

CHECKED: NK DATE: 26/9/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82094.40 m E 61366.10 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 21.85 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 22.30 m

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	STRUCTURE AND ADDITIONAL OBSERVATIONS
RT	M	Groundwater not observed	20		SPT 20.50-20.95 m 5, 8, 11 N=19		CL-CI	Silty CLAY low to medium plasticity, pale grey and brown		VSt	
			21							M (>PL)	
			22		SPT 22.00-22.28 m 17, 30/130 N>30					VSt-H	
			-0.45					END OF BOREHOLE @ 22.30 m TARGET DEPTH GROUNDWATER NOT OBSERVED			
			23								
			24								
			25								
			26								
			27								
			28								
			29								
			30								

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