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REPORT OF BOREHOLE: BH208

SHEET: 1 OF 4

DRILL RIG: FD500

CONTRACTOR: Foundril Pty Ltd

LOGGED: WJH DATE: 27/9/11

CHECKED: NK DATE: 1/10/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 81967.21 m E 61502.97 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 15.22 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 23.00 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			0	15.22	SPT 1.00-1.45 m 6, 8, 10 N=18		CH	CLAY high plasticity, brown red brown and grey	D	Vst
			0.80	14.42				pale brown		
			1	13.42						
			2	12.72	SPT 2.50-2.76 m 18, 30/105 mm N>30		ML-MH	Clayey SILT low to high plasticity, red brown and pale grey		Inferred EW siltstone
			2.50	12.72				pale grey and brown		
			3							
			4		SPT 4.00-4.45 m 15, 30, 0 N=30					M (<PL)
			5							
			6							
			7		SPT 5.50-5.75 m 21, 30/100 mm N>30					H
			8							
			9							
			10		SPT 7.00-7.24 m 26, 30/90 mm N>30					
					SPT 8.50-8.56 m 30/60 mm					

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: BH208

SHEET: 2 OF 4

DRILL RIG: FD500

CONTRACTOR: Foundril Pty Ltd

LOGGED: WJH DATE: 27/9/11

CHECKED: NK DATE: 1/10/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 81967.21 m E 61502.97 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 15.22 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 23.00 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
WB	M		10		SPT 10.00-10.35 m 3, 30/50 mm N>30		X X	ML-MH		M (<PL)	H	
									For Continuation Refer to Sheet 3			
												</

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GAP gINT FN. F01a
RL3

REPORT OF BOREHOLE: BH208



REPORT OF BOREHOLE: BH208

SHEET: 4 OF 4

DRILL RIG: FD500

CONTRACTOR: Foundril Pty Ltd

LOGGED: WJH DATE: 27/9/11

CHECKED: NK DATE: 1/10/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 81967.21 m E 61502.97 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 15.22 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 23.00 m

Drilling					Field Material Description					Defect Information				
METHOD	WATER	TCR	RQD (SCR)	DEPTH (metres)	DEPTH RL	GRAPHIC LOG	ROCK / SOIL MATERIAL DESCRIPTION	WEATHERING	INFERRED STRENGTH $I_{s(50)}$ MPa	DEFECT DESCRIPTION & Additional Observations			AVERAGE DEFECT SPACING (mm)	
NMLC	Groundwater not observed	100	61 (96)	20	-4.78		META SILTSTONE grey	SW		20.50 m: DB 20.60 m: J, 45°, Pl, Ro, Vr 20.75 m: J, 45°, Pl, Ro, Vr 20.87 m: J, 30°, Un, Ro, Vr 20.96 m: HB 21.36 m: DB 21.42 m: J, 55°, Ro, Vr 21.49-21.70 m: J, 45°, Pl, Ro, Vr, sp = 70 mm 21.90-21.96 m: CZ 22.08 m: J, 60°, Pl, Ro, Cn 22.12 m: J, 70°, Pl, Ro, Cn 22.13 m: J, 15°, Pl, Ro, Cn 22.38 m: J, 20°, Pl, Ro, Cn 22.45 m: J, 40°, Pl, Ro, Cn 22.71 m: J, 50°, Pl, Ro, Ct 22.78 m: J, 30°, Pl, Ro, Cn 22.84 m: J, 50°, Pl, Ro, Cn				
		100	51 (96)	21										
		100	64 (90)	22										
				23	23.00 -7.78		END OF BOREHOLE @ 23.00 m TARGET DEPTH GROUNDWATER NOT OBSERVED Gas well installed							
				24										
				25										
				26										
				27										
				28										
				29										
				30										

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GAP gINT FN. F02a
RL3



REPORT OF PHOTOGRAPHS: BH208

CLIENT: McConnell Dowell Constructors
PROJECT: Gold Coast Rapid Transit
LOCATION: Zone 2
JOB NO: 117632047

COORDS: 81967.21 m E, 61502.97 m N
SURFACE RL: 15.22 m DATUM: AHD
INCLINATION: -90°
HOLE DEPTH: 23.00 m

DEPTH RANGE: 10.25 – 23.00 m
DRILL RIG: FD500
DRILLER: Foundril Pty Ltd
LOGGED: WJH DATE: 27/9/11
CHECKED: NK DATE: 1/10/11



10.25 – 23.00 m