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REPORT OF BOREHOLE: BH216

SHEET: 1 OF 3

DRILL RIG: FD500

CONTRACTOR: Foundril Pty Ltd

LOGGED: WJH DATE: 31/8/11

CHECKED: NK DATE: 26/9/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82103.6 m E 61359.1 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 23.16 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 25.10 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	M		0	23.16					FILL: CLAY high plasticity, brown, with some pieces of wood	M	S - F	Wood at tip of SPT
			1	22.16	SPT 1.00-1.45 m 2, 1, 10 N=11			FILL dark grey, rubbish, pieces of wood, plastic, with some clay, gravel and sand content				
RT	M-H	Groundwater not observed	2									
			3		SPT 2.50-2.79 m 7, 30 N>30							
			4		SPT 4.00-4.45 m 1, 12, 8 N=20							
			5									
			6		SPT 5.50-5.56 m 30/60 mm				M - W			
			7		SPT 7.00-7.45 m 1, 4, 2 N=6							
			8									
			9		SPT 8.50-8.95 m 6, 4, 6 N=10							
			10									

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GAP gINT FN. F01a
RL3



REPORT OF BOREHOLE: BH216

SHEET: 2 OF 3

DRILL RIG: FD500

CONTRACTOR: Foundril Pty Ltd

LOGGED: WJH DATE: 31/8/11

CHECKED: NK DATE: 26/9/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82103.6 m E 61359.1 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 23.16 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 25.10 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-H		10		SPT 10.00-10.45 m 4, 3, 3 N=6			FILL	dark grey, rubbish, pieces of wood, plastic, with some clay, gravel and sand content			Rock stuck in tip of SPT			
			11												
			12		SPT 11.50-11.88 m 4, 14 HB N>14										
			13		SPT 13.00-13.03 m 30/30 mm									M - W	
			13.30 9.86										1.0 m thick layer of wood		
			14												
			15		SPT 14.50-14.95 m 8, 4, 6 N=10										
			16		SPT 16.00-16.45 m 1, 3, 4 N=7			CL					FILL: CLAY low plasticity, dark grey	M (>PL)	F
			17												
			17.30 5.86		SPT 17.50-17.95 m 6, 6, 7 N=13			SP-SC					SAND fine to medium grained, sub-rounded, grey, with some clay		
WB	M		18						M	MD					
			19		SPT 19.00-19.45 m 12, 12, 11 N=23										

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RL3



REPORT OF BOREHOLE: BH216

SHEET: 3 OF 3

DRILL RIG: FD500

CONTRACTOR: Foundril Pty Ltd

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CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82103.6 m E 61359.1 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 23.16 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 25.10 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	Groundwater not observed	20					SP-SC	SAND	fine to medium grained, sub-rounded, grey, with some clay	M	MD	Inferred EW siltstone
			20.30	2.86	SPT 20.50-20.95 m 5, 8, 12 N=20		ML	Clayey SILT	low plasticity, pale grey				
			21										
			21.50	1.66						brown and pale grey	VSt		
			22			SPT 22.00-22.45 m 8, 10, 17 N=27							
			23								M (>PL)		
			24		SPT 23.50-23.76 m 25, 30 N>30							H	
			24.50	-1.34						brown			
			25		SPT 25.00-25.05 m 30/50 mm								
				-1.94						END OF BOREHOLE @ 25.10 m TARGET DEPTH GROUNDWATER NOT OBSERVED			
26													
27													
			28										
			29										
			30										

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