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REPORT OF BOREHOLE: BH2D02

SHEET: 1 OF 2

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82416.7 m E 61312.9 m N GCCC
PROJECT: Gold Coast Rapid Transit SURFACE RL: 17.06 m DATUM: AHD
LOCATION: Zone 2 INCLINATION: -90°
JOB NO: 117632047 HOLE DEPTH: 17.80 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			0	17.06	SPT 1.00-1.45 m 3, 3, 6 N=9				FILL: Sandy GRAVEL fine to medium grained, sub-rounded to sub-angular, brown	D	L	100 mm layer of fine grained sand										
			0.25																			
			16.81																			
			1																			
			2	2.20																		
			14.86																			
			3																			
			3.80																			
			13.26																			
			4																			
WB			5	5.20	SPT 2.50-2.95 m 4, 2, 6 N=8				FILL: CLAY high plasticity, green grey, with some small pieces of wood	D - M	F - St											
			11.86																			
			6	6.00																		
			11.06																			
			7																			
			8	8.00																		
			9.06																			
			9																			
			10	10.00																		
													8		SPT 4.00-4.45 m 1, 2, 3 N=5			CI-CH	Clayey Sandy SILT medium to high plasticity, white and red	M (>PL)	S	
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GAP gINT FN. F01a
RL3



REPORT OF BOREHOLE: BH2D02

SHEET: 2 OF 2

DRILL RIG: Hydrapower Scout

CONTRACTOR: GeoDrill Pty Ltd

LOGGED: WJH DATE: 16/8/11

CHECKED: NK DATE: 26/9/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82416.7 m E 61312.9 m N GCCC

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LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 17.80 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	10	7.06	U50 10.00-10.45 m PP =400 kPa			MH	Sandy SILT high plasticity, white and red	M (>PL)	H	Inferred EW siltstone
			11	11.30 5.76	SPT 11.50-11.95 m 16, 17, 18 N=35			ML	Sandy SILT low plasticity, white and red, increased silt content			
			12	12.80 4.26	SPT 13.00-13.45 m 8, 17, 23 N=40				white and brown			
			13	15.50 1.56	SPT 14.50-14.95 m 5, 17, 27 N=44				brown			
			14		SPT 16.00-16.42 m 12, 23, 30/120 mm N>53							
			15		SPT 17.50-17.79 m 19, 30/140 mm N>30							
			16									
			17									
			18									
			19									
			18	-0.74				END OF BOREHOLE @ 17.80 m TARGET DEPTH GROUNDWATER NOT OBSERVED				
			19									
			20									

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GAP gINT FN. F01a
RL3