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REPORT OF BOREHOLE: BH2D01

SHEET: 1 OF 2

DRILL RIG: Hydrapower Scout

CONTRACTOR: GeoDrill Pty Ltd

LOGGED: WJH DATE: 17/8/11

CHECKED: NK DATE: 15/9/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82383.01 m E 61290.00 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 15.2 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 17.55 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
ADV	L-M		0	15.19	SPT 1.00-1.45 m 5, 2, 5 N=7			FILL: Sandy Gravelly CLAY low plasticity, brown	D	
				0.20						
				14.99				FILL: Clayey SAND brown, trace fine to medium sub-angular gravel		
			1							
			2							
			3							
				3.20				grey		
				11.99						
			4							
WB	M	Groundwater not observed			SPT 2.50-2.95 m 2, 2, 4 N=6				F - St	SPT refused on 300 mm thick hard object
RT	L-M				SPT 4.00-4.39 m 17, 0 HB				M (>PL)	
					SPT 5.80-6.25 m 2, 4, 3 N=7			brown and grey, with some fine to medium sub-angular gravel		
					SPT 7.00-7.45 m 3, 6, 5 N=11			FILL: Sandy CLAY high plasticity, brown		
					SPT 8.50-8.95 m 4, 5, 8 N=13			CLAY low to medium plasticity, pale grey and red, trace fine quartz gravel		St

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: BH2D01

SHEET: 2 OF 2

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82383.01 m E 61290.00 m N GCCC
PROJECT: Gold Coast Rapid Transit SURFACE RL: 15.2 m DATUM: AHD
LOCATION: Zone 2 INCLINATION: -90°
JOB NO: 117632047 HOLE DEPTH: 17.55 m

DRILL RIG: Hydrapower Scout
CONTRACTOR: GeoDrill Pty Ltd
LOGGED: WJH DATE: 17/8/11
CHECKED: NK DATE: 15/9/11

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	STRUCTURE AND ADDITIONAL OBSERVATIONS
WB	M	Groundwater not observed	10		U50 10.00-10.40 m PP =450 kPa		CL- CI	CLAY low to medium plasticity, pale grey and red, trace fine quartz gravel	M (>PL)	St	Partial water loss
			11		SPT 11.50-11.95 m 7, 11, 15 N=26						
			12								
			12.70	2.49							
			13		SPT 13.00-13.45 m 6, 9, 14 N=23		CL- CI	Silty CLAY low to medium plasticity, pale grey		VSt	
			14								
			14.30	0.89							
			15		SPT 14.50-14.63 m 30/130 mm			SILTSTONE brown and white, very low strength, extremely weathered, residual			
			16					brown			
			17		SPT 16.00-16.08 m 30/80 mm			low strength			
			18	-2.36	SPT 17.50-17.53 m 30/30 mm			END OF BOREHOLE @ 17.55 m TARGET DEPTH GROUNDWATER NOT OBSERVED			
			19								
			20								

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