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REPORT OF BOREHOLE: BH226

SHEET: 1 OF 3

DRILL RIG: Hydrapower Scout

CONTRACTOR: GeoDrill Pty Ltd

LOGGED: WJH DATE: 20/8/11

CHECKED: NK DATE: 26/9/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82211.9 m E 61303.3 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 19.52 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 23.60 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	Groundwater not observed	0	19.52					FILL: Clayey SAND fine grained, sub-rounded, brown, with some fine to medium sub-angular gravel			Bricks, wood fence posts and 0.5-1.0 m long pieces of concrete in the face of the excavation next to the borehole	
			1		SPT 1.00-1.45 m 3, 3, 8 N=11					L			
			2						D				
			2.30	17.22				FILL: Sandy CLAY high plasticity, brown, trace fine to medium sub-angular gravel					
			3		SPT 2.50-2.95 m 12, 15, 24 N=39				St - VSt				
			4	15.62				FILL dark grey, rubbish, plastic, timber, rubber			Black plastic, possibly landfill liner		
			5										
			5.50	14.02				600 mm thick layer of car tyres	W	S			
			6										
			7										
			7.30	12.22				FILL: CLAY high plasticity, grey, orange, grey green, trace pieces of timber					
			8										
			9						M - W	St - VSt			
			9		SPT 8.60-9.05 m 10, 9, 9 N=18								

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GAP gINT FN. F01a
RL3



REPORT OF BOREHOLE: BH226

SHEET: 2 OF 3

DRILL RIG: Hydrapower Scout

CONTRACTOR: GeoDrill Pty Ltd

LOGGED: WJH DATE: 20/8/11

CHECKED: NK DATE: 26/9/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82211.9 m E 61303.3 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 19.52 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 23.60 m

Drilling				Sampling		Field Material Description							
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (mètres)	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		SPT 10.00-10.45 m 4, 6, 5 N=11				FILL: CLAY high plasticity, grey, orange, grey green, trace pieces of timber				
			11										
			11.50	8.02	SPT 11.50-11.95 m 3, 4, 5 N=9				dark grey, trace fine to medium gravels	M - W			
			12	12.00					with some fine grained sand				
			12	7.52									
			13	13.00	SPT 13.00-13.45 m 11, 12, 12 N=24			CH	CLAY high plasticity, brown		St - VSt		
			14	6.52									
			15		SPT 14.50-14.95 m 5, 5, 7 N=12					M (>PL)			
			15	15.50					grey				
			16	4.02									
17	17.10	SPT 16.00-16.45 m 6, 9, 13 N=22											
17	2.42	SPT 17.50-17.91 m 18, 27, 30/110 mm N>57	SC	Clayey SAND fine to medium grained, sub-rounded, pale grey, trace fine grained sub-angular quartz gravels	M			D - VD					
18													
19	18.80	SPT 19.00-19.45 m 8, 14, 20 N=34	CI-ML	Clayey SILT medium plasticity, pale grey	M (>PL)			VSt - H					
20	0.72												
20	20.00												

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RL3



REPORT OF BOREHOLE: BH226

SHEET: 3 OF 3

DRILL RIG: Hydrapower Scout

CONTRACTOR: GeoDrill Pty Ltd

LOGGED: WJH DATE: 20/8/11

CHECKED: NK DATE: 26/9/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 82211.9 m E 61303.3 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: 19.52 m DATUM: AHD

LOCATION: Zone 2 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 23.60 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	-0.48	SPT 20.50-20.95 m 6, 15, 19 N=34		ML	Clayey SILT low plasticity, pale grey		M (>PL)	VSt - H				
			21	21.50 -1.98				brown							
			22	SPT 22.00-22.45 m 12, 28, 31 N=59											
			23		SPT 23.50-23.56 m 30/60 mm			END OF BOREHOLE @ 23.60 m TARGET DEPTH GROUNDWATER NOT OBSERVED							
			24	-4.08											
			25												
			26												
			27												
			28												
			29												
			30												

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