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BOREHOLE LOG SHEET


Client: McCONNELL DOWEL	Hole No: BH2	
Project: 05SRW01 - RETAINING WALL	Job No: 10415 - 05SRW01	Sheet: 1 of 7
Location: BROADBEACH	Angle from Horizontal: 90°	Surface Elevation: 2.033 m AHD
Position: E86351.391 N53999.744 56 MGA94	Bit:	Driller: MD
Rig Type: Hydropower Scout	Contractor: DRILLSURE	
Casing Diameter:	Logged By: RH	Date Logged: 6/12/12
Date Started: 6/12/12	Date Completed: 6/12/12	

Depth (m)	Drilling				Groundwater (m)	Sample or Field Test	Recovered	DCP	RL (m AHD)	Graphic Log	USCS Symbol	Description (SYMBOL, SOIL NAME, plasticity/particle characteristics, colour, minor components, moisture, consistency, structure, ORIGIN)
	Auger 'V' Bit	Auger 'TC' Bit	Washbore	Casing								
0.0									2.0			SILTY SAND, fine to coarse grained, black/orange, with organics and gravel, moist, FILL
0.5					D 0.50 - 0.95 m SPT = 2, 2, 3 N=5				1.5		SM	
1.0									1.0			
1.5					D 1.50 - 1.95 m SPT = 1, 2, 4 N=6				0.5			
2.0									0.0		CL	SILTY CLAY, low plasticity, grey, with organics, very soft, NATURAL (Peat?)
2.5									-0.5			SILTY SAND, medium grained, grey, wet, loose, NATURAL Organic odor
3.0					D 2.50 - 2.95 m SPT = 2, 3, 4 N=7				-1.0		SP SM	
3.5									-1.5			SAND, medium grained, white, trace of silt and clay, wet, medium dense, NATURAL
4.0					D 3.50 - 3.95 m SPT = 4, 7, 8 N=15				-2.0		SP	
4.5					D 4.50 - 4.95 m SPT = 3, 4, 6 N=10				-2.5			

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See Standard Sheets for details of abbreviations & basis of descriptions



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	Auger 'V' Bit	Auger 'TC' Bit	Washbore	Casing								
5.5									-3.0			SAND, medium grained, white, trace of silt and clay, wet, medium dense, NATURAL Trace of rock fragments
6.0						D 6.00 - 6.45 m SPT = 9, 12, 20 N=32			-4.0			SAND, fine to medium grained, white, trace of shells/rock fragments/gravel/silt, wet, medium dense, NATURAL
7.5						D 7.50 - 7.80 m SPT = 20, 30/145 N>50			-5.5			
9.0						D 9.00 - 9.30 m SPT = 23, 30/145 N>50			-7.0			

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	Auger 'V' Bit	Auger 'TC' Bit	Washbore	Casing								
10.5						D 10.50 - 10.77 m SPT = 26, 30/120 N>50			-8.0			SAND, fine to medium grained, white, trace of shells/rock fragments/gravel/silt, wet, medium dense, NATURAL
12.0						D 12.00 - 12.30 m SPT = 22, 30/145 N>50			-10.0		SP	
13.5						D 13.50 - 13.95 m SPT = 5, 15, 26 N=41			-11.5		SC	CLAYEY SAND, medium grained, dark grey, with shells, wet, medium dense, NATURAL
14.0									-12.0		SP-SM	SAND, medium grained, pale grey, wet, dense, NATURAL
14.5									-12.5		Pt	PEAT, black/brown

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	Auger 'V' Bit	Auger 'TC' Bit	Washbore	Casing								
15.5						D 15.00 - 15.45 m SPT = 18, 28, 25 N=53			-13.0			SILTY SAND, fine to medium grained, pale grey, trace of shells/fine grained gravel, wet, dense, NATURAL
16.0									-13.5			
16.5						D 16.50 - 16.76 m SPT = 26, 30/110 N>50			-14.5			
17.0									-15.0			
17.5									-15.5			
18.0						D 18.00 - 18.29 m SPT = 20, 30/140 N>50			-16.0			
18.5									-16.5			
19.0									-17.0			
19.5						D 19.50 - 19.95 m SPT = 8, 11, 20 N=31			-17.5			

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	Auger 'V' Bit	Auger 'TC' Bit	Washbore	Casing								
18.0											SM	SILTY SAND, fine to medium grained, pale grey, trace of shells/fine grained gravel, wet, dense, NATURAL
20.5											SC	CLAYEY SAND, fine to medium grained, grey, trace of organics, odorous, wet, loose, NATURAL
21.0					D 21.00 - 21.45 m SPT = 4, 3, 3 N=6						SC	CLAYEY SAND, fine to medium grained, grey, low plasticity clay, trace of organics, odorous, wet, loose, NATURAL
22.5					D 22.50 - 22.95 m SPT = 0, 0, 0 N=0						CL	SANDY CLAY, low plasticity, grey, fine grained sand, trace of organics, moist, very soft, ALLUVIAL
24.0					D 24.00 - 24.45 m SPT = 0, 0, 0 N=0						CL	SILTY CLAY, low plasticity, grey, moist, very stiff, ALLUVIAL
24.5											CL	

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Depth (m)	Drilling				Groundwater (m)	Sample or Field Test	Recovered	DCP	RL (m AHD)	Graphic Log	USCS Symbol	Description (SYMBOL, SOIL NAME, plasticity/particle characteristics, colour, minor components, moisture, consistency, structure, ORIGIN)
	Auger 'V' Bit	Auger 'TC' Bit	Washbore	Casing								
25.5						D 25.50 - 25.95 m SPT = 0, 0, 4 N=4			-23.0		CL	SILTY CLAY, low plasticity, grey, moist, very stiff, ALLUVIAL
26.0									-23.5		CL	SILTY CLAY, low plasticity, grey, moist, firm, ALLUVIAL
26.5									-24.0		CL	SILTY CLAY, low plasticity, grey, with sand, moist, firm, ALLUVIAL
27.0						D 27.00 - 27.45 m SPT = 0, 2, 4 N=6			-24.5		CL	
27.5									-25.0		SC	CLAYEY SAND, medium to coarse grained, grey, loose, NATURAL
28.0									-25.5		SC	
28.5						D 28.50 - 28.95 m SPT = 14, 15, 23 N=38			-26.0		SC	
29.0									-26.5		SM	SILTY SAND, fine to medium grained, pale grey, dense, NATURAL
29.5									-27.0		SM	
									-27.5		SM	SILTY SAND, fine to medium grained, pale grey, stiff, NATURAL

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	Casing Diameter:	Bit: MD
	Date Started: 6/12/12	Contractor: DRILLSURE
	Date Completed: 6/12/12	Logged By: RH
		Date Logged: 6/12/12

Depth (m)	Drilling			Groundwater (m)	Sample or Field Test	Recovered	DCP	RL (m AHD)	Graphic Log	USCS Symbol	Description (SYMBOL, SOIL NAME, plasticity/particle characteristics, colour, minor components, moisture, consistency, structure, ORIGIN)
	Auger 'V' Bit	Auger 'TC' Bit	Washbore								
					D 30.00 - 30.31 m SPT 10, 22, 30/10 N>50			-28.0		XW	SILTSTONE, fine to coarse grained, blue/grey, extremely low strength, extremely weathered
30.5								-28.5			BOREHOLE TERMINATED AT 30.45 m
31.0								-29.0			
31.5								-29.5			
32.0								-30.0			
32.5								-30.5			
33.0								-31.0			
33.5								-31.5			
34.0								-32.0			
34.5								-32.5			

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