



Mirabeau Water Garden
 Mirabeau and St. Bernard Avenues
 New Orleans, Louisiana

LOG OF BORING AND TEST RESULTS

Boring: B-5

Project No: 23370
 Date: 10/06/2016
 Latitude: 30.00523°
 Longitude: -90.07935°

Water Depth: See Text
 Total Depth: 80.0 ft

Scale in Feet	PP	SPT	SPT Symbol	Visual Classification	USC	Sample Number	Depth in Feet	Water Content Percent	Density		Shear Tests			Atterberg Limits			Percent Saturation	Other Tests
									Dry	Wet	Type	ϕ	C	LL	PL	PI		
0				Soft brown silty clay w/roots & trace of vegetation (fill)	CL	PB-1	0	23										
0.75				Soft to medium stiff brown & tan clay w/few silt pockets & trace of organic matter (flocculated)	CH	2	2	67	55	93	UC	--	506	107	35	72	89	
5	0.75	23		Medium dense gray fine sand w/trace of organic matter	SP	3 PB-4	5 6	70 21	56	96	OB	0	404				94	
10		24				PB-5	9											
15		26				PB-6	12											
15		27				PB-7	15	19										
20		29				PB-8	18.5											
25		29				PB-9	23.5	22										#200 = 1%, SV
30		33		Dense gray fine sand w/silt & shell fragments	SP-SM	PB-10	28.5											
35		38				PB-11	33.5	33										
40		WOH		Soft gray sandy clay w/few shell fragments	CL	PB-12	38.5	38										
45	0.50			Stiff gray clay w/few shell fragments	CH	13	43	51										
50	0.75			w/few silty sand pockets & lenses, & trace of shell fragments (flocculated)		14	48	50	70	105	OB	0	1173				95	

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NOTES:



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										Dry	Wet	Type	ϕ	C	LL	PL	PI		
50					Stiff greenish-gray silty clay w/fine sand pockets (brittle)	CL													
55	4.00						15	53	20	110	132	UC	--	1455				100	
60		3.00			Stiff greenish-gray & tan clay w/few silt pockets	CH													
65			18		Medium dense tan silty sand	SM	PB-17	63	27										
70			20				PB-18	65											
75			23				PB-19	68	26										
80			24				PB-20	71											
85							PB-21	74	27										
90			12		Medium compact tan clayey silt	ML	PB-22	78.5	29										
95																			
100																			

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