



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

LOG OF BORING AND TEST RESULTS

Boring: B-1

Project No: 23370
 Date: 10/05/2016
 Latitude: 30.00655°
 Longitude: -90.08153°

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				Medium stiff brown silty clay w/roots & trace of gravel (fill)	CL	PB-1	0	17										
3.50				Very stiff to hard dark brown silty clay w/few roots & trace of silty sand	CL	2	2	24	88	109	OB	0	4306				71	
5	0.50			Medium stiff gray clay w/few silty sand pockets, trace of silty clay lenses, concretions, & decayed wood (flocculated)	CH	3	5	49	71	105	OB	0	966	76	29	47	94	
		28		Medium dense to dense gray fine sand w/trace of silt & clay pockets	SP	PB-4	6	16										
10						PB-5	9											
		27				PB-6	12											
15						PB-7	15	25										
		18				PB-8	18.5	23										#200 = 2%, SV
20				w/few shell fragments		PB-9	23.5											
		28				PB-10	28.5	27										
25						PB-11	33.5	28										
		37				PB-12	36.5	44										
30				Loose to medium dense gray fine sand w/clay pockets, trace of shells, & gravel	SP-SC		28.5	27										
		18					33.5	28										
35							36.5	44										
	0.25			Soft gray sandy clay w/trace of shell fragments	CL		43	54	69	106	UC	-	784				100	
40							48	53										
	0.25			Medium stiff to stiff gray clay w/few to trace of silty sand pockets & trace of shell fragments	CH	13	43	54	69	106	UC	-	784				100	
45							48	53										
50	0.75						48	53										

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NOTES:



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										Dry	Wet	Type	ϕ	C	LL	PL	PI		
50					Medium stiff to stiff gray clay w/few to trace of silty sand pockets & trace of shell fragments	CH													
55	0.75				(flocculated) Stiff gray silty clay w/trace of concretions	CL	15	53	53	70	106	UC	-	1082				99	
60	0.75						16	58	28										
65	0.25				w/sandy clay layers		17	63	29	93	119	OB	0	1391				94	
70			29		Medium dense to dense tan & gray fine sand w/silt	SP-SM	PB-18	66.5	28										
75			30				PB-19	70.5	28										
80			24				PB-20	73.5											
85			31				PB-21	76.5	24										
90							PB-22	78.5											
95																			
100																			

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