



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

**LOG OF BORING AND TEST RESULTS**

**Boring: B-3**

Project No: 23370  
 Date: 10/05/2016  
 Latitude: 30.00533°  
 Longitude: -90.08152°

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				Stiff brown silty clay w/roots & vegetation	CL	PB-1	0	18										
2.00				Medium stiff to hard brown & dark gray clay w/few silt pockets, organic matter, & trace of concretions (flocultaed)	CH	2	2	43	72	103	OB	0	2481	116	39	77	90	Swell Pressure = 2,760 psf
5	1.00			w/few silty sand pockets, roots, & trace of shell fragments		3	5	49										
		13		Medium dense to dense tan & gray fine sand	SP	PB-4	6.5	25										#200 = 2%, SV
10		21		w/some organic matter & trace of silt		PB-5	9.5	29										
		20				PB-6	12.5											
15		27				PB-7	15.5											
20		34		w/trace of organic matter		PB-8	18.5	24										
		37				PB-9	23.5											
25		38				PB-10	28.5											
30																		
35		31				PB-11	33.5	24										#200 = 4%, SV
40		WOH		Soft gray sandy clay w/few shell fragments	CL	PB-12	38.5	43										
45	1.00			Medium stiff to stiff gray clay w/few silty sand pockets & trace of shell fragments (floculated)	CH	13	43	51	69	105	UC	-	908				96	
				w/silty sand pockets & shell fragments		14	48	63	62	101	OB	0	953				98	
50	0.75																	

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NOTES:



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										Dry	Wet	Type	$\phi$	C	LL	PL	PI		
50					Stiff to very stiff greenish-gray & tan silty clay w/clay lenses	CL													
55	3.50						15	53	24	101	125	UC	--	1693				97	
60	3.00						16	58	24										
65					Medium compact to compact tan & gray clayey silt	ML	17	63	27	96	121	OB	0	1954				92	
70					w/trace of fine sand pockets		18	68	26	98	124	OB	0	3971				100	
75		6					PB-19	70.5	34										
		8					PB-20	73.5											
		10					PB-21	75.5											
80		12			Medium dense brown silty sand	SM	PB-22	78.5	28										
85																			
90																			
95																			
100																			

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