



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

LOG OF BORING AND TEST RESULTS

Boring: B-2

Project No: 23370
Date: 10/07/2016
Latitude: 30.00660°
Longitude: -90.07952°

Water Depth: See Text
Total Depth: 50.0 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					Hard dark brown & brown clay w/silty clay pockets (flocculated)	CH	PB-1	0											
1.00							2	2	41	76	107	UC	--	4979	110	31	79	89	
5		1.50			Stiff dark gray & gray clay w/few silt pockets & trace of organic matter	CH	3	5	56	67	105	OB	0	1294	95	34	61	96	Swell Pressure = 1,120 psf -#200 = 9%, SV
			11		Medium dense tan & gray silty sand	SM	PB-4	6.5	9										
10			14		Medium dense tan & gray fine sand w/silt	SP-SM	PB-5	9.5											
			22				PB-6	12.5	9										
15			24				PB-7	15.5											
20			43		Dense gray fine sand w/silt, trace of clay pockets, & shell fragments	SP-SM	PB-8	18.5											
25			41				PB-9	23.5	21										-#200 = 18%, SV
30			32		Dense gray fine sand w/organic matter, trace of shell fragments, & silt	SP	PB-10	28.5	22										
35			4		Loose gray silty sand w/shell fragments, trace of gravel, & silt	SM	PB-11	33.5	26										
40	1.50				Stiff gray clay w/trace of shell fragments & silt lenses	CH	12	38	62	63	102	OB	0	772				100	
45	1.50				w/shell fragments & few silty sand pockets		13	43	59										
50	1.50				w/silty sand pockets & few shell fragments (flocculated)		14	48	46	75	110	OB	0	953				100	

NOTES:

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