



New Orleans Fire Department
 Engine 33/44 Station
 Horace Street and Wall Boulevard
 Algiers, Louisiana

LOG OF BORING AND TEST RESULTS

Boring: B-1

Project No: 23327
 Date: 08/29/2016
 Latitude: 29.93417°
 Longitude: -90.02152°

Water Depth: See Text
 Total Depth: 80.0 ft

Scale in Feet	PP	SPT	S P L R	Symbol	Visual Classification	USC	Sample Number	Depth in Feet	Water Content %	Density		Shear Tests			Atterberg Limits			Other Tests
										Dry pcf	Wet pcf	Type	ϕ	C psf	LL	PL	PI	
0					Medium stiff gray clay w/wood & roots	CH	PB-1	0										
0.75					Soft brown & gray clay w/few silt pockets & lenses, & trace of decayed wood	CH	2	2										
5					Soft gray clay w/wood	CH	3	5	49	73	109	UC	--	487				
0.50					Soft gray & tan organic clay w/wood	OH	4	8	76	56	98	UC	--	327				
0.25					Medium stiff gray & brown organic clay w/few decayed wood	OH	5	11										
10					Very soft gray clay w/sand lenses	CH	6	14	169	30	81	UC	--	616				
0.25					Soft gray clay w/trace of silt pockets	CH	7	18										
15					Very soft gray clay w/trace of silt pockets	CH	8	23	80	54	97	UC	--	321				
0.25					Soft gray clay w/trace of silt pockets	CH	9	28										
20					Medium stiff gray clay	CH	10	33	58	67	105	UC	--	349				
0.25							11	38										
25							12	43	70	58	100	UC	--	428				
0.25																		
30																		
35																		
40																		
45																		
0.25																		
50																		

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NOTES:



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										Dry pcf	Wet pcf	Type	ϕ	C pcf	LL	PL	PI	
50					Medium stiff gray clay	CH												
50-55	0.25				Soft gray sandy clay w/trace of shell fragments	CL	14	53	37	84	115	UC	--	311				
55-60	0.25						15	58										
60-65	0.25				Medium stiff gray sandy clay w/clay layers & trace of shell fragments	CL	16	63	39	85	118	UC	--	609				
65-70	2.75				Very stiff greenish-gray clay	CH	17	68										
70-75	1.50				Medium stiff gray silty caly w/silty sand pockets & shell fragments	CL	18	73	33	89	119	UC	--	830				
75-80	1.75				Stiff greenish-gray & tan sandy clay	CL	19	78										
80-85																		
85-90																		
90-95																		
95-100																		

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