



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

LOG OF BORING AND TEST RESULTS

Boring: B-2

Project No: 23327
 Date: 08/30/2016
 Latitude: 29.93433°
 Longitude: -90.02127°

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					Soft tan silty clay w/roots	CL	PB-1	0										
0.25					Medium stiff gray & tan clay w/few silt pockets & trace of concretions	CH	2	2	54	69	106	UC	--	777				
5					Soft gray clay w/wood (disturbed by wood)	CH	3	5										
0.25					w/wood & silty clay layers		4	8										
10					Medium stiff gray clay w/few silt pockets, trace of roots, & decayed wood	CH	5	11	58						82	29	53	
0.25					Soft gray clay w/few silt pockets, concretions, & trace of decayed wood	CH	6	14	47	73	107	UC	--	407				
15					Extremely soft gray & dark gray clay w/few decayed wood	CH	7	18	108	43	90	UC	--	96				
0.25							8	23										
25					Soft gray silty clay w/few silt lenses & pockets, & trace of clay lenses	CL	9	28	48	74	109	UC	--	314				
0.25					Soft gray clay	CH	10	33										
35							11	38	61	65	104	UC	--	337				
0.25					w/trace of silt pockets		12	43										
45							13	48	64	62	102	UC	--	454				
0.25																		
50																		

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NOTES:



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										Dry pcf	Wet pcf	Type	ϕ	C pcf	LL	PL	PI	
50					Soft gray clay w/trace of silt pockets	CH												
0.25					Soft gray sandy clay w/trace of silt pockets	CL	14	53										
55					Medium stiff gray silty clay w/few silty sand pockets & trace of shell fragments	CL	15	58	41	81	114	UC	--	806				
60					Medium stiff gray clay w/trace of silty sand pockets & shell fragments	CH	16	63										
65					Medium stiff gray clay w/trace of silty sand pockets & shell fragments	CH	16	63										
70					Medium stiff gray clay w/trace of silty sand pockets & shell fragments	CH	16	63										
0.50					Medium stiff gray clay w/trace of silty sand pockets & shell fragments	CH	16	63										
75					Stiff tan & gray clay w/few silty sand pockets & trace of concretions	CH	18	73										
2.75					Stiff tan & gray clay w/few silty sand pockets & trace of concretions	CH	18	73										
80					Stiff tan & gray clay w/few silty sand pockets & trace of concretions	CH	19	78	33	89	119	UC	--	1967				
2.50					Stiff tan & gray clay w/few silty sand pockets & trace of concretions	CH	19	78	33	89	119	UC	--	1967				
85																		
90																		
95																		
100																		

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