

LOG OF BORING B-2

GUSTE III RESIDENTIAL DEVELOPMENT NEW ORLEANS, LOUISIANA

TYPE OF BORING: WET ROTARY

PSI Project No.: 0254232

DEPTH, FT.	SOIL TYPE	USCS SYMBOL	SAMPLES	COORDINATE (X) OR EASTING: COORDINATE (Y) OR NORTHING: APPROXIMATE SURFACE ELEVATION: LATITUDE: LONGITUDE:	N-BLOWS/FT.	MOISTURE CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	PLASTICITY INDEX	% PASSING No. 200 SIEVE	SHEAR STRENGTH (tons/square foot)					DRY UNIT WEIGHT (pcf)	
											LL	PL	PI	○ HP	● UC		△ TV
				5.5" brown silty sandy Topsoil		26	65	19	46								
-2.5		CH		Stiff brown and gray Fat Clay, with bricks, gravel, and sand (FILL)													
-5.0				Firm tan and gray Fat Clay -stiff, 3' to 4'		39											
-7.5				-soft, with shell fragments, 6' to 8'		39	80	20	60								81
-10.0				-firm, 8' to 13'		45											
-12.5																	
-15.0				-soft, with silt seams and trace of organics below 13'		37											85
-17.5																	
-20.0						41											
-22.5				Very loose gray Sandy Silt, with clay pockets	3	58				68							69
-25.0																	
-27.5		CH		Soft gray Fat Clay, with silt and sand seams		26											
-30.0																	
-32.5						37											85
-35.0																	
-37.5				-firm below 39'		44											
-40.0																	
-42.5		SM		Very dense gray Silty Sand, with shell fragments	58	23											
-45.0																	
-47.5				-very loose below 48'	1	30				17							
-50.0																	

DEPTH OF BORING: 80 FEET

DATE DRILLED: 7/8/10

NOTES: LOCATION: BUILDING AREA

GROUND WATER DURING DRILLING (FT): N/A

GROUND WATER UPON COMPLETION (FT): MEASURED AT 3"

DELAYED GROUND WATER (FT): N/A

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DEPTH, FT.	SOIL TYPE	USCS SYMBOL	SAMPLES	SOIL DESCRIPTION	N-BLOWS/FT.	MOISTURE CONTENT (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index	% PASSING No. 200 SIEVE	SHEAR STRENGTH (tons/square foot)						DRY UNIT WEIGHT (pcf)						
							LL	PL	PI		○ HP	● UC	△ TV	▲ UU	0.0	0.5		1.0	1.5	2.0	2.5		
52.5	CH			Very loose gray Silty Sand, with shell fragments																			
55.0				Soft gray Fat Clay, with sand and shells		31															93		
57.5				-firm below 58'																			
60.0	SM			Very dense gray Silty Sand																			
62.5							44																
65.0							46																75
67.5							41	26															
70.0																							
72.5																							
75.0					38	24				19													
77.5																							
80.0				Boring terminated at 80 feet																			
82.5																							
85.0																							
87.5																							
90.0																							
92.5																							
95.0																							
97.5																							
100.0																							

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DELAYED GROUND WATER (FT): N/A