

# LOG OF BORING B-4

## 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		▲ UU
				5" black clayey sandy Topsoil		17												
				Stiff brown Fat Clay, with bricks, gravel, and sand (FILL)		19												
-2.5		CH		Firm gray and tan Fat Clay		35	81	20	61									92
-5.0				-soft, 6' to 7'		45												
-7.5				-firm, 7' to 13'		51												
-10.0						41												80
-12.5				-soft below 13'		68												
-15.0																		
-17.5		CL		Soft gray Lean Clay, with silt seams		32	29	21	8									
-20.0																		
-22.5		CH		Firm gray Fat Clay, with silt seams														
-25.0				-bricks, 23' to 25'		56												
-27.5		SM		Loose gray Sandy Silt	5	28				85								
-30.0																		
-32.5		CH		Very soft to soft gray Fat Clay, with silt and sand seams		32												
-35.0																		
-37.5																		
-40.0						44												
-42.5		SM		Very dense gray Silty Sand, with shell fragments	56	23												
-45.0																		
-47.5				-very loose below 48'	2	30												
-50.0																		

DEPTH OF BORING: 80 FEET

DATE DRILLED: 7/9/10

NOTES: LOCATION: BUILDING AREA

GROUND WATER DURING DRILLING (FT): N/A

GROUND WATER UPON COMPLETION (FT): MEASURED AT 66"

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
52.5				Very loose gray Silty Sand, with shell fragments	1	26				16										
55.0																				
57.5		CH		Firm gray Fat Clay, with silt and sand seams		48														
60.0																				
62.5																				
65.0						43														
67.5		SP		Medium dense brown Poorly Graded Sand with Silt	21	24														
70.0																				
72.5																				
75.0				-very dense with shell fragments below 73'	55	18														
77.5					69	23				8										
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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