

LOG OF BORING B-5

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	
				3" brown sandy clayey Topsoil													
				Brown Clayey Sand, with organics and bricks (FILL)		20				52							
-2.5		CH		Firm gray Fat Clay -trace of bricks, 2' to 6'		47	78	20	58			○					
-5.0						47						△					
-7.5						48						●					75
-10.0						77						△					
-12.5				-soft, 12' to 17'													
-15.0						37						●					84
-17.5																	
-20.0				-very soft, 18' to 19' -silt seams below 18' -soft below 19'		37						△					
-22.5				Medium dense gray Clayey Silt													
-25.0					14	32				59							
-27.5				-loose below 27'													
-30.0					6	30											
-32.5		CH		Soft to firm gray Fat Clay, with sand													
-35.0						41						●					78
-37.5																	
-40.0						51						△					
-42.5		SP		Very dense gray Poorly Graded Sand													
-45.0					55	24											
-47.5		SC-SM		Loose gray Clayey Sand													
-50.0					6	35				40							

DEPTH OF BORING: 80 FEET

DATE DRILLED: 7/12/10

NOTES: LOCATION: BUILDING AREA

GROUND WATER DURING DRILLING (FT): N/A

GROUND WATER UPON COMPLETION (FT): MEASURED AT 9'

DELAYED GROUND WATER (FT): N/A

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PSI Project No.: 0254232

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				Loose gray Clayey Sand	4	23														
55.0																				
57.5		CH		Firm gray Fat Clay, with silt and sand seams		43														
60.0																				
62.5																				
65.0						40														
67.5		SP		Medium dense gray Poorly Graded Sand with Clay pockets	18	29														
70.0																				
72.5																				
75.0				-very dense below 73'	73	24				11										
77.5																				
80.0				Boring terminated at 80 feet	61	24														
82.5																				
85.0																				
87.5																				
90.0																				
92.5																				
95.0																				
97.5																				
100.0																				

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GROUND WATER UPON COMPLETION (FT): MEASURED AT 9'

DELAYED GROUND WATER (FT): N/A