

# LOG OF BORING B-6

## 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
				6" sandy clayey Topsoil, with organics													
				Loose black Clayey Sand, with bricks and roots (FILL)	6	28				33							
2.5		CH		Firm gray Fat Clay													
5.0				-very soft, 6' to 19'		42	81	21	60								
7.5						62											
10.0						85	93	24	69								54
12.5				-trace of wood, 13' to 15'		34											
15.0																	
17.5																	
20.0				-soft, with silt and sand seams below 19'		33											
22.5		SC-SM		Medium dense gray Silty Clayey Sand	10	27											
25.0																	
27.5		CH		Soft gray Fat Clay, with silt and sand seams		71											
30.0																	
32.5																	
35.0						52											
37.5		SP		Very dense gray Poorly Graded Sand													
40.0					79	22											
42.5																	
45.0					89	21											
47.5		SC-SM		Very loose gray Clayey Sand -with clay pockets and shell fragments to 52'	WOH	35				33							
50.0																	

DEPTH OF BORING: 80 FEET

DATE DRILLED: 7/13/10

NOTES: LOCATION: BUILDING AREA

GROUND WATER DURING DRILLING (FT): N/A

GROUND WATER UPON COMPLETION (FT): MEASURED AT SURFACE

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
52.5				Very loose gray Clayey Sand -with clay pockets and shell fragments to 52'															
55.0						30													
57.5		CH		Firm gray Fat Clay, with sand pockets		39	65	19	46										83
60.0																			
62.5		SP		Dense gray Sand															
65.0					40	23													
67.5																			
70.0					48	21													
72.5																			
75.0					35	24				9									
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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GROUND WATER UPON COMPLETION (FT): MEASURED AT SURFACE

DELAYED GROUND WATER (FT): N/A