

# LOG OF BORING B-1

## 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
2.5		CH		2.5" Asphalt and 3" brown clayey sand, with gravel base Firm to stiff gray Fat Clay, with silt and sand seams -trace of organics 0' to 4'		43	86	22	64								75
5.0						40											84
7.5				-tan, 6' to 12' -soft, 8' to 18'		37											
10.0						34											
12.5				-gray below 12'		32											
15.0						30											
17.5																	
20.0				-very soft, 18' to 23'		37											
22.5																	
25.0		SM		-soft below 23' Very loose gray Silty Sand, with clay pockets		63											
27.5						24											
30.0					4	29				26							
32.5		CH		Soft gray Fat Clay, with sand layers													
35.0						50											
37.5																	
40.0						46											73
42.5		SC-SM		Dense gray Silty Clayey Sand, with shell fragments													
45.0					34	26											
47.5																	
50.0				-loose below 48'	4	33				20							

DEPTH OF BORING: 80 FEET

DATE DRILLED: 7/7/10

NOTES: LOCATION: BUILDING AREA

GROUND WATER DURING DRILLING (FT): N/A

GROUND WATER UPON COMPLETION (FT): MEASURED AT 10'

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				Loose gray Silty Clayey Sand, with shell fragments	9	25													
55.0																			
57.5		CH		Soft gray Fat Clay, with sand and shell fragments		49													
60.0																			
62.5		SP		Dense gray Poorly Graded Sand with Silt	36	24													
65.0																			
67.5				-medium dense, 68' to 73'	24	25													
70.0																			
72.5				-dense, 73' to 77'	34	23				8									
75.0				-shell fragments below 73'															
77.5				-very dense below 77'	64	21													
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