

LOG OF BORING B-3

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	
				8" brown silty, clayey Topsoil, with sand		36													
-2.5		CH		Firm brown Fat Clay, with bricks and shells		45													
-5.0				Firm to stiff brown and blue Fat Clay -trace of bricks, 2' to 10'		43	86	22	64										76
-7.5						43													
-10.0						37													80
-12.5																			
-15.0				-wood 13' to 15'		48													
-17.5																			
-20.0				-gray, with sand layers below 18' -very soft, 18' to 27'		33													
-22.5																			
-25.0						49													
-27.5				-soft below 27'															
-30.0						45													
-32.5																			
-35.0						48													
-37.5																			
-40.0						69													
-42.5		SP		Very dense Poorly Graded Sand with Silt and shells															
-45.0					80	22				6									
-47.5		CH		Soft gray Fat Clay, with sand pockets and shell fragments															
-50.0					4	32													

DEPTH OF BORING: 80 FEET

DATE DRILLED: 7/2/10

NOTES: LOCATION: BUILDING AREA

GROUND WATER DURING DRILLING (FT): N/A

GROUND WATER UPON COMPLETION (FT): MEASURED AT 98"

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		SM		Soft gray Fat Clay, with sand pockets and shell fragments Gray Silty Sand, with clay pockets		27				15										
57.5		CL		Firm gray Lean Clay, with sand layers		31	42	16	26											86
62.5				-very soft below 62'		33														
67.5		SP		Medium dense to dense gray and brown Poorly Graded Sand with Silt -wood, 68' to 70'	21	27														
75.0					36	23				5										
77.5				-clay layers, 78' to 80'	16	35														
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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