## **LOG OF BORING B-4**

## **GUSTE III RESIDENTIAL DEVELOPMENT**

GUSTE III RESIDENTIAL DEVELOPMENT NEW ORLEANS, LOUISIANA																						
TYPE OF BORING: WET ROTARY PSI Project No.: 0254232																						
ОЕРТН, FT.	SOIL TYPE		П	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					NGT Toot	TH t) ▲ U	DRY UNIT WEIGHT (pdf)					
	7. Just 3.			SOIL DESCRIPTION		4.7	LL	PL	PI		0.0	) (	).5 	1 ਕਾ	.0 <del> -</del>	1. 	.5 <del>                                     </del>	2.0 <del> </del>	U 2	2.5 <del> </del>	ä	┨
				5" black clayey sandy Topsoil Stiff brown Fat Clay, with bricks, gravel, and sand (FILL)		17 19					<b> </b>	Н	$\mathbb{H}^9$	#	Н	Н	Н	+	$^{\rm H}$	-		l
<b>-</b> 2.5 <b>-</b>		СН		Firm gray and tan Fat Clay		35	81	20	61		Ì			I	П	Ш	Ш	$\parallel$	Ш		92	ı
							"	20	01			$\coprod$	1	#	#	Щ	Н	#	Щ	$\perp$	52	ı
<b>-</b> 5.0 <b>-</b>						45					-	$H_{2}$	4	$^{+}$	H	Н	Н	$^{+}$	$^{\rm H}$	1		ı
				-soft, 6' to 7'									I	#	П	Ш	Ш	#	Щ			ı
<b>-</b> 7.5 <b>-</b>				-firm, 7' to 13'		51					-	4	#	$^{+}$	₽	Щ	Н	$^{+}$	₩	$\perp$		ı
10.0						41						H	•	$\dagger$	H	H	Ш	$\dagger \dagger$	$^{\rm H}$	1	80	ı
<b>-</b> 10.0 <b>-</b>			П									П	П	$\prod$	${\mathbb T}$	Ш	П	$\prod$	$\prod$			ı
<b>-</b> 12.5 <b>-</b>											-	Н	$^{+}$	$^{+}$	₽	Н	Н	$^{+}$	₩	+		ı
12.0				-soft below 13'		68							Ħ	$\dagger$	Ш	Ш	Ш	$\parallel$	$\parallel$			ı
<b>-15.0</b>						00							$\prod$	$\prod$	${\mathbb P}$	Ш	Д	$\prod$	Щ			ı
											-	Н	$^{+}$	$^{+}$	₩	Н	Н	$^{+}$	₩	+		ı
<b>-</b> 17.5 <b>-</b>		CL		Soft gray Lean Clay, with silt seams								Ш	Ħ	$\dagger$	$H^{H}$	Н	Ш	$\dagger \dagger$	$\dagger \dagger$			ı
						32	29	21	8			Ш	$\parallel$	4	Щ	Ш	Ш	4	Щ			ı
-20.0											-	Н	╫	$^{+}$	₩	Н	Н	₩	₩	+		ı
												Ш	Ħ	Щ	Щ	Ш	Ш	$\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$	Ш			ı
<b>-</b> 22.5 <b>-</b>		CH		Firm gray Fat Clay, with silt seams								Щ	П	$\prod$	$\coprod$	Ш	Ш	$\prod$	Щ			ı
				-bricks, 23' to 25'		56					H	H	$^{+}$	$^{+}$	Н	Н	Н	+	₩	+		ı
<b>-</b> 25.0 <b>-</b>												Ħ	Ħ	I	Т	Ш	Ш	$\parallel$	Ш			ı
07.5		014		Loose gray Sandy Silt								Ш	$\parallel$	#	Щ	Щ	Н	#	Щ	-		ı
27.5		SM	Ц	Loose gray Sarity Sill	_						-	Н	$^{+}$	$^{+}$	Н	Н	Н	+	₩	+		ı
-30.0			М		5	28				85		Ш	Ц	$\parallel$	П		Ш	$\parallel$	Щ			ı
30.0												Щ	$^{\parallel}$	#	Щ	Щ	Н	#	Щ	-		ı
<b>-</b> 32.5 <b>-</b>		СН	$  \cdot  $	Very soft to soft gray Fat Clay, with silt and sand seams							H	Н	$\dagger \dagger$	$^{+}$	H	Н	Н	$^{\dagger\dagger}$	H	+		ı
						32						Ш	I	I	Ľ	Ш	Ш	$\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$	Ш			ı
-35.0-			H			02					[	Н	₩	#	₩	Щ	Н	#	₩	4		ı
											-	Н	$\dagger \dagger$	$^{\dagger}$	H	Н	Н	+	₩	+		ı
<b>-</b> 37.5 <b>-</b>			Ш									Ш	П	proptage	₽	Ш	Ш	proptage	$\prod$			ı
						44							₩	$^{+}$	#	Щ	Н	$^{+}$	₩	+		ı
<b>-</b> 40.0			П									Н	$\dagger \dagger$	$\dagger$	H	H	Ш	$\dagger$	Ш	1		ı
												Ш	П	I	₽		Ш	$\prod$	$\prod$			ı
<b>-</b> 42.5 <b>-</b>		SM	Ц	Very dense gray Silty Sand, with shell fragments							-	Н	$^{+}$	$^{+}$	₩	Н	Н	$^{+}$	₩	-		ı
<b>-</b> 45.0 <b>-</b>			X		56	23							$\parallel$	$\parallel$	Ш	Ш	Ш	$\parallel$	Ш			ı
45.0													Ш	$\coprod$	$\coprod$	Ш	Ш	$\coprod$	Ш			ı
<b>-</b> 47.5 <b>-</b>											H	Н	$^{+}$	$^{+}$	Н	Н	Н	+	₩	+		ı
			Н	-very loose below 48'	2	30						Ш	Ħ	Ϊ	П	Ш	Ш	$\parallel$	Ш			ı
<b>-</b> 50.0 <b>-</b>			Д		_							Ш	#	#	$\mu$	Щ	Щ	#	#	+		
				90 EEET	CDOLIN	ID 14/4-		LIDINIC	יוםט נ	LINC (	ET,	Щ. . "кі	/ <u>/</u>	11	Ш	Ш	Щ	11	Ш	$\perp$		1
	TH OF E DRILI				GROUN GROUN										SU	IRE	ΞD	ΑТ	6'6	6"		
				110								•										1
DELAYED GROUND WATER (FT): N/A NOTES: LOCATION: BUILDING AREA												1										

## **LOG OF BORING B-4**

## **GUSTE III RESIDENTIAL DEVELOPMENT** NEW ORLEANS, LOUISIANA

TYPE OF BORING: WET ROTARY PSI Project No.: 0254232 DRY UNIT WEIGHT (pcf) MOISTURE CONTENT (%) PASSING 200 SIEVE Ħ. **USCS SYMBOL** PLASTICITY INDEX SAMPLES SHEAR STRENGTH N-BLOWS/FT. LIQUID LIMIT (%) PLASTIC LIMIT (%) DEPTH, (tons/square foot) SOIL  $\bigcirc$  HP  $\bigcirc$  UC  $\triangle$  TV  $\bigcirc$  UU 0.0 0.5 1.0 1.5 2.0 2.5 SOIL DESCRIPTION PL ΡI Very loose gray Silty Sand, with shell fragments 52.5 16 1 26 55.0-Firm gray Fat Clay, with silt and sand seams CH 48 43 77 Medium dense brown Poorly Graded Sand with Silt 67.5 SP 21 24 70.0 72.5 -very dense with shell fragments below 73' 55 18 75.0 77.5 69 23 8 0.08 Boring terminated at 80 feet -82.5**--**85.0**-**87.5 90.0 92.5 **-**95.0**-**97.5 100.0 DEPTH OF BORING: 80 FEET GROUND WATER DURING DRILLING (FT): N/A GROUND WATER UPON COMPLETION (FT): MEASURED AT 6'6" DATE DRILLED: 7/9/10 DELAYED GROUND WATER (FT): N/A NOTES: LOCATION: BUILDING AREA