



DEPTH, FT	WATER LEVEL SYMBOL	SAMPLES	BLOWS PER FOOT	LOCATION: See Plate 4a COORDINATES: N 29°6'36.66" W 94°9'56.52" SURFACE EL.: Not Available	STRATUM DEPTH, FT	CLASSIFICATION						SHEAR STRENGTH				
				STRATUM DESCRIPTION		UNIT DRY WT, PCF	PASSING NO. 200 SIEVE, %	WATER CONTENT, %	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX (PI)	KIPS PER SQ FT				
												0.5	1.0	1.5	2.0	2.5
			6	SILTY SAND, loose, brown												
			8													
5			9				20	38	21	12	9					
			15	- with clay seams at 6' - medium dense, olive gray, with shell fragments below 6.5'												
			13													
10																
			12	SAND, medium dense, fine-grained, olive gray, with shell fragments	13.0		6									
15																
			2	SANDY CLAY, very soft, olive gray, with shell fragments	18.5											
20																
			2				66		27	15	12					
25																
			WOH													
30																
				CLAY, firm to stiff, olive gray	33.0											
35						97	85	28	72	15	57					
			4	- soft, tan and greenish gray, with sand seams, 38.5' to 43'												
NOTES: 1. ▽: Water First Noticed. ▼: Depth To Water after 15 minutes. 2. WOH: Weight of Hammer. 3. Boring coordinates were obtained with a hand-held GPS device. 4. Terms and symbols are presented on Plates D-9a and D-9b.												DATE: May 12, 2017 TOTAL DEPTH: 50' CAVED DEPTH: 3' DRY AUGER: Surface to 6' WET ROTARY: 6' to 50' BACKFILL: Cement-Bentonite Grout LOGGER: E. Schulak				

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LOG OF BORING NO. BH-01

STORM SURGE SUPPRESSION STUDY - GCCPRD

BRAZORIA, CHAMBERS, GALVESTON, HARRIS, JEFFERSON AND ORANGE COUNTIES, TEXAS

PLATE D-1a



DEPTH, FT	WATER LEVEL SYMBOL	SAMPLES	BLOWS PER FOOT	LOCATION: See Plate 4a COORDINATES: N 29°6'36.66" W 94°9'56.52" SURFACE EL.: Not Available	STRATUM DEPTH, FT	CLASSIFICATION						SHEAR STRENGTH				
				STRATUM DESCRIPTION		UNIT DRY WT, PCF	PASSING NO. 200 SIEVE, %	WATER CONTENT, %	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX (PI)	KIPS PER SQ FT				
												0.5	1.0	1.5	2.0	2.5
				CLAY, soft, tan and greenish gray - with sand seams to 43' - stiff to very stiff below 43' - brown and gray, 43' to 48' - brown below 48'												
45																
50					50.0	97	98	28	76	21	55					
55																
60																
65																
70																
75																
NOTES: 1. ∇ : Water First Noticed. $\blacktriangledown$: Depth To Water after 15 minutes. 2. WOH: Weight of Hammer. 3. Boring coordinates were obtained with a hand-held GPS device. 4. Terms and symbols are presented on Plates D-9a and D-9b.												DATE: May 12, 2017 TOTAL DEPTH: 50' CAVED DEPTH: 3' DRY AUGER: Surface to 6' WET ROTARY: 6' to 50' BACKFILL: Cement-Bentonite Grout LOGGER: E. Schulak				

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LOG OF BORING NO. BH-01
STORM SURGE SUPPRESSION STUDY - GCCPRD
BRAZORIA, CHAMBERS, GALVESTON, HARRIS, JEFFERSON AND ORANGE COUNTIES, TEXAS
PLATE D-1b