



DEPTH, FT	WATER LEVEL SYMBOL SAMPLES	BLOWS PER FOOT	LOCATION: See Plate 4b COORDINATES: N 28°8'38.12" W 95°1'32.18" SURFACE EL.: Not Available	STRATUM DEPTH, FT	CLASSIFICATION						SHEAR STRENGTH				
					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
			FILL: SANDY CLAY, stiff to hard, dark brown - red below 2'												4.5
5			CLAY, soft to firm, red	4.0											
10					88	95	35	42	14	28					
15			- dark brown, 13' to 18'												
20			- stiff to very stiff, 18' to 28.5' - brown and greenish gray, with ferrous nodules, 18' to 23' - with calcareous nodules below 18'		107	91	22	47	12	35					
25			- red, tan and brown, with sand pockets and seams below 23'												
30		4	- firm to stiff below 28.5'												
35		10													
			SILTY SAND, medium dense, brown	37.0											
		18													
NOTES: 1. Free water was not encountered during drilling to a depth of 25'. 2. Boring coordinates were obtained with a hand-held GPS devices. 3. Terms and symbols are presented on Plates D-9a and D-9b.										DATE: May 11, 2017 TOTAL DEPTH: 50' CAVED DEPTH: Not Applicable DRY AUGER: Surface to 25' WET ROTARY: 25' to 50' BACKFILL: Cement-Bentonite Grout LOGGER: E. Schulak					

R:\04100\2016 PROJECTS\0100-0199\04.10160148 - GCCPRD STORM SURGE PHASE 4\00_GIS\GINT\FINAL GINT04.10160148_(1).GPJ 0415-1415 10/18/2017

LOG OF BORING NO. BH-07
STORM SURGE SUPPRESSION STUDY - GCCPRD
BRAZORIA, CHAMBERS, GALVESTON, HARRIS, JEFFERSON AND ORANGE COUNTIES, TEXAS
PLATE D-7a



DEPTH, FT	WATER LEVEL SYMBOL SAMPLES	BLOWS PER FOOT	LOCATION: See Plate 4b COORDINATES: N 28°8'38.12" W 95°1'32.18"	STRATUM DEPTH, FT	CLASSIFICATION						SHEAR STRENGTH				
			SURFACE EL.: Not Available		UNIT DRY WT, PCF	PASSING NO. 200 SIEVE, %	WATER CONTENT, %	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX (PI)	KIPS PER SQ FT				
			STRATUM DESCRIPTION								0.5	1.0	1.5	2.0	2.5
			SILTY SAND, medium dense, brown												
			CLAY, stiff, red	42.0											
45															
50			- very stiff at 50'	50.0	101		25	55	15	40					3.9
55															
60															
65															
70															
75															
NOTES:					DATE: May 11, 2017 TOTAL DEPTH: 50' CAVED DEPTH: Not Applicable DRY AUGER: Surface to 25' WET ROTARY: 25' to 50' BACKFILL: Cement-Bentonite Grout LOGGER: E. Schulak										
1. Free water was not encountered during drilling to a depth of 25'. 2. Boring coordinates were obtained with a hand-held GPS devices. 3. Terms and symbols are presented on Plates D-9a and D-9b.															

R:\04100\2016 PROJECTS\0100-0199\04.10160148 - GCCPRD STORM SURGE PHASE 4\00_GIS\GINT\FINAL GINT\04.10160148_(1).GPJ 0415-1415 10/18/2017

LOG OF BORING NO. BH-07
STORM SURGE SUPPRESSION STUDY - GCCPRD
BRAZORIA, CHAMBERS, GALVESTON, HARRIS, JEFFERSON AND ORANGE COUNTIES, TEXAS
PLATE D-7b