



DEPTH, FT	WATER LEVEL SYMBOL	SAMPLES	BLOWS PER FOOT	LOCATION: See Plate 2 COORDINATES: 29° 43' 35" N 95° 03' 19" W SURFACE EL.: 7.0'	STRATUM DEPTH, FT	CLASSIFICATION					SHEAR STRENGTH									
						UNIT DRY WT. POF	PASSING NO. 200 SIEVE, %	WATER CONTENT, %	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX (PI)	KIPS PER SQ FT								
				STRATUM DESCRIPTION																
8				CLAY, firm to stiff, red and brown, with roots and fine gravel																
				- with shell fragments at 4'																
				- brown and dark gray, with calcareous nodules below 6'	95	26	73	16	57											
				- very soft, light brown below 10'	100	23	60	13	47											
12.0				SILTY SAND, loose, fine-grained to medium-grained, black, with fine gravel																
15			9			37														
20			6		20.0	40														

**NOTES:**

- ∇: Water First Noticed. ▼: Depth To Water after 15 minutes.
- Terms and symbols defined on Plates A-32a and A-32b.
- Coordinates obtained from handheld GPS.

DATE: March 21, 2011  
 TOTAL DEPTH: 20'  
 CAVED DEPTH: Not Applicable  
 DRY AUGER: Surface to 20'  
 WET ROTARY: Not Applicable  
 BACKFILL: Cement-Bentonite Grout  
 LOGGER: B. Burkett

R:1041202011 PROJECTS\0001-0099\0412-11-0003\INDUSTRIAL\INDUSTRIAL (WIR\_MV) 6/2/2011

**LOG OF BORING NO. B-34**  
 DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS  
 BATTLEGROUND OIL SPECIALTY TERMINAL COMPANY  
 HARRIS COUNTY, TEXAS



