



DEPTH, FT	WATER LEVEL SYMBOL SAMPLES	BLOWS PER FOOT	LOCATION: See Plate 2 COORDINATES: 29° 43' 45" N 95° 03' 11" W SURFACE EL.: -6.0' (Assumed)	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										0.5	1.0	1.5	2.0	2.5	
5			SANDY SILT, loose, gray, with clay pockets	13.5	63	28	19	16	3						
10		7													
15			SAND, very loose, fine-grained, gray, with silt pockets  - with shell fragments at 18'	32.5	11	21									
20		3													
25			- medium-dense, with shell fragments and clay pockets below 28'		12										
30		13													
35			CLAY, stiff, gray and brown  - very stiff below 38'												
					112		18							3.4	

**NOTES:**

1. Water depth was 6' at time of drilling.
2. Terms and symbols defined on Plates A-32a and A-32b.
3. Coordinates were obtained by our field technician with a hand held GPS device.

DATE: April 23, 2011  
 TOTAL DEPTH: 75'  
 CAVED DEPTH: Not Applicable  
 DRY AUGER: Not Applicable  
 WET ROTARY: Mudline to 75'  
 BACKFILL: Cuttings and Drilling Mud  
 LOGGER: E. Schulak

R:041202011 PROJECTS\0001-0069\0412-11-0003\INDUSTRIAL\INDUSTRIAL (WIR\_MV) 6/2/2011

**LOG OF BORING NO. B-19**  
 DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS  
 BATTLEGROUND OIL SPECIALTY TERMINAL COMPANY  
 HARRIS COUNTY, TEXAS



