



DEPTH, FT	WATER LEVEL SYMBOL	SAMPLES	BLOWS PER FOOT	LOCATION: See Plate 2 COORDINATES: 29° 43' 52" N 95° 03' 01" W SURFACE EL.: -9.0' (Assumed)	STRATUM DEPTH, FT	CLASSIFICATION						SHEAR STRENGTH				
				STRATUM DESCRIPTION		UNIT DRY WT, POF	PASSING NO. 200 SIEVE, %	WATER CONTENT, %	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX (PI)	KIPS PER SQ FT				
												□ Penetrometer Unconfined ▼ ◇ Torvane Triaxial ● ○ Remolded Miniature Vane ▲ M.Vane				
												0.5	1.0	1.5	2.0	2.5
5				CLAY, very soft, gray, with organic material and sand pockets			77	44	106	18	88					
					7.0		42									
10			PUSH	CLAYEY SAND, very loose, gray, with shell fragments												
15			WOH	CLAY, very soft to soft, gray, with silt seams, sand pockets, and shell fragments	14.0											
20								32	54	12	42					
25			4													
30					31.0											
35				SILTY CLAY, stiff to very stiff, gray, with silt pockets												
					37.0	112		18	35	11	24					
				SANDY CLAY, very stiff, brown and gray												□+

NOTES:

1. Water depth was 9' 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.
4. WOH - Weight of Hammer
5. PUSH - Split Barrel Sampler was advanced hydraulically.

DATE: April 26, 2011
 TOTAL DEPTH: 70'
 CAVED DEPTH: Not Applicable
 DRY AUGER: Not Applicable
 WET ROTARY: Mudline to 70'
 BACKFILL: Cuttings and Drilling Mud
 LOGGER: T. Mireles

R:041202011 PROJECTS\0001-0099\0412-11-0003\DRAWING\0412-11-0003.GPJ FUGRO_SO (LAB DATA)_INDUSTRIAL (WIR_MV) 6/2/2011

LOG OF BORING NO. B-17
DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS
BATTLEGROUND OIL SPECIALTY TERMINAL COMPANY
HARRIS COUNTY, TEXAS





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				STRATUM DESCRIPTION		UNIT DRY WT, POF	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
				SANDY CLAY, very stiff, brown and gray	41.5											
				CLAY, very stiff, red, brown, and gray, slickensided												□ ⁺
45																□ ⁺
50								23								□ ⁺
55				- with silt seams, 53' to 58'												□ ⁺
60				- brown and gray below 58'		103		23								3.8 ●
65				SILTY CLAY, very stiff, brown and gray, with calcareous nodules	61.5											□
70			26		70.0			26								
75																

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