



DEPTH, FT	WATER LEVEL SYMBOL	SAMPLES	BLOWS PER FOOT	LOCATION: See Plate 2 COORDINATES: 29° 43' 38" N 95° 03' 11" W SURFACE EL.: 11.5'	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				□ Penetrometer Unconfined ▼ ◇ Torvane Triaxial ● ○ Remolded M.Vane Miniature Vane ▲																
10			10	CLAY, stiff to hard, red and gray, with roots - with fine-grained sand pockets at 4'	108	20	47	12	35											
5																				
10					114	15	25													
10					98	85	54	13	41											
12.0			1	SILTY SAND, very loose, fine-grained, with organics	12.0	56														
15			3																	
20			11	- medium dense below 18'																
25			14	- with fine gravel and shell fragments at 23'																
30.0			16		30.0															

NOTES:

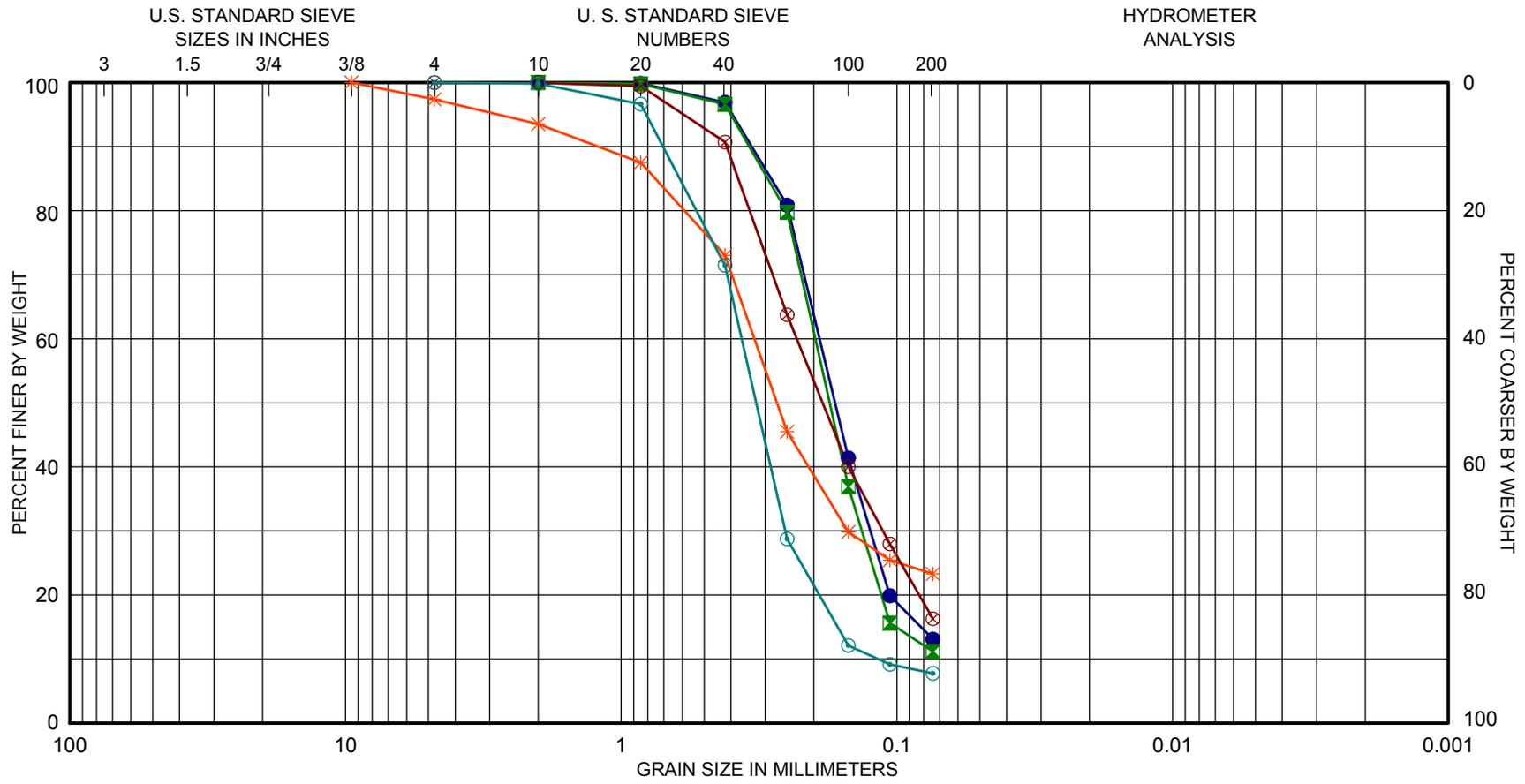
- ▽: Water First Noticed. ▼: Depth To Water after 15 minutes.
- Terms and symbols defined on Plates A-32a and A-32b.
- Coordinates obtained from handheld GPS.

DATE: March 22, 2011
 TOTAL DEPTH: 30'
 CAVED DEPTH: Not Applicable
 DRY AUGER: Surface to 30'
 WET ROTARY: Not Applicable
 BACKFILL: Cement-Bentonite Grout
 LOGGER: B. Burkett

R:1041202011 PROJECTS\0001-0069\0412-11-0003\INDUSTRIAL\WIR_MV 6/2/2011 FUGRO_SO (LAB DATA)_INDUSTRIAL (WIR_MV)

LOG OF BORING NO. B-37
 DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS
 BATTLEGROUND OIL SPECIALTY TERMINAL COMPANY
 HARRIS COUNTY, TEXAS





GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SYMBOL	BORING	DEPTH, FT	CLASSIFICATION
●	B-35	15.5	Silty Sand, loose, fine-grained, gray
■	B-35	25	Silty Sand, medium-dense, fine-grained, gray
*	B-37	24.5	Silty Sand, medium-dense, fine-grained, with fine gravel and shell fragments
⊗	B-38	3.5	Silty Sand, loose, fine-grained, tan, with wood and shell fragments
⊙	B-39	3.5	Sand, medium-dense, fine-grained, with roots

GRAIN SIZE CURVES
DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS
BATTLEGROUNDOIL SPECIALTY TERMINAL COMPANY
HARRIS COUNTY, TEXAS

