



DEPTH, FT	WATER LEVEL SYMBOL	SAMPLES	BLOWS PER FOOT	LOCATION: See Plate 2 COORDINATES: 29° 43' 39" N 95° 03' 08" W SURFACE EL.: 10.5'	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				
			7	SILTY SAND, loose, fine-grained, tan, with wood and shell fragments												
			5				16									
5			4													
			13	- medium dense below 6'												
			8	CLAYEY SAND, loose, fine-grained, gray	8.0		54									
10			4	SANDY CLAY, loose, gray and black, with organic material and wood fragments	10.0											
			8	- gray below 13'												
15			9				71									
			8				84									
20																
			9													
25																
			27	- medium dense below 28'	30.0											
30																
35																

NOTES:

1. ▽: Water First Noticed. ▼: Depth To Water after 15 minutes.
2. Terms and symbols defined on Plates A-32a and A-32b.
3. 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

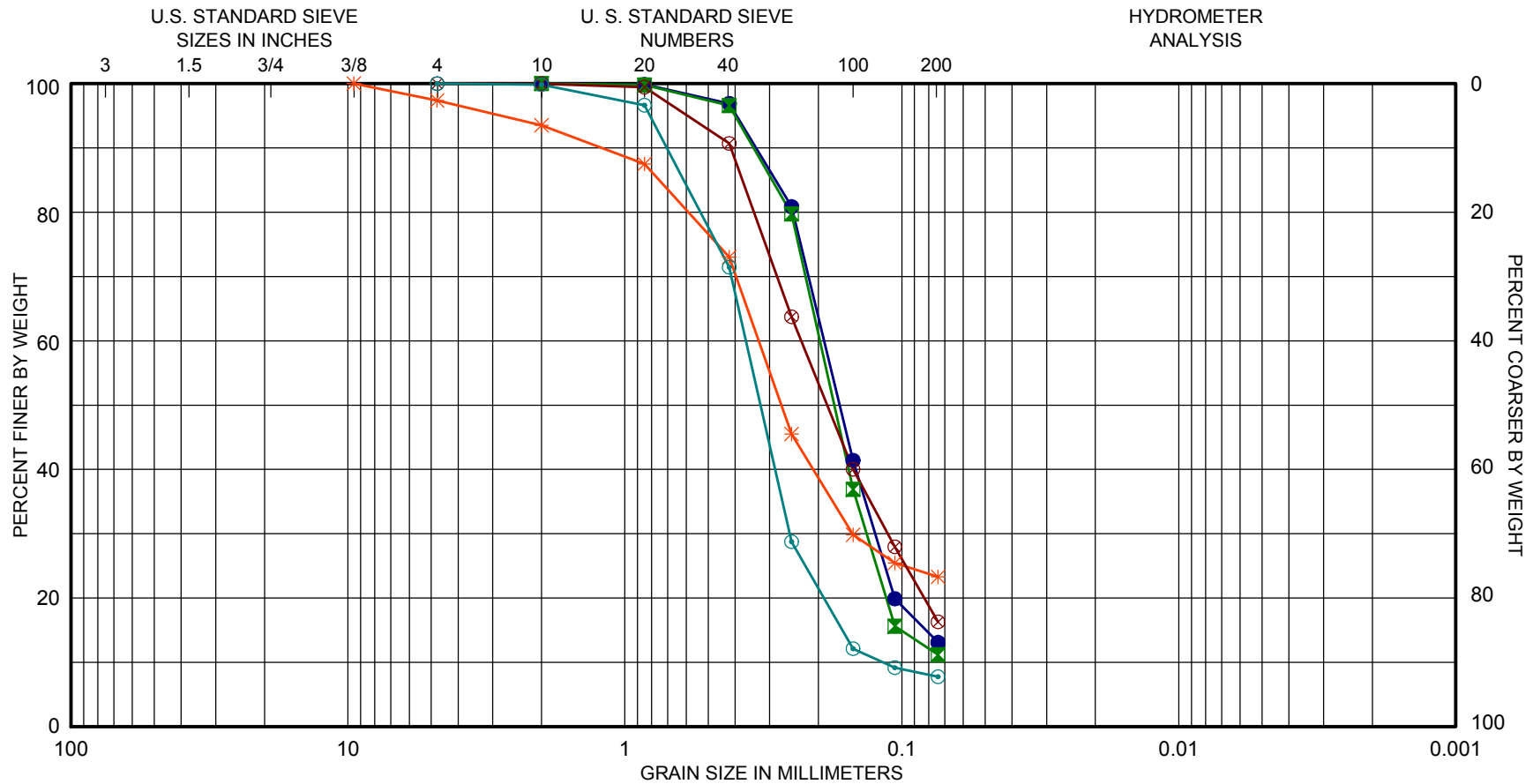
LOGGER: B. Burkett

R: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-38

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
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HARRIS COUNTY, TEXAS