





DEPTH, FT	WATER LEVEL SYMBOL SAMPLES	BLOWS PER FOOT	LOCATION: See Plate 2 COORDINATES: 29° 44' 02" N 95° 03' 14" W SURFACE EL.: -8.0' (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	
			SANDY CLAY, firm, gray				40								
45															
			SILTY CLAY, very stiff, light gray	47.0	116	17									
50															
55															
			CLAY, very stiff, reddish brown and gray, slickensided	56.5		18									
60															
65															
			SILTY CLAY, stiff, brown and gray - with silt pockets and shell fragments to 73'	66.0	103	21									
70															
75			- very stiff below 73' - with calcareous nodules, 73' to 75'												

**NOTES:**

1. Water depth was 8' 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: May 4, 2011  
 TOTAL DEPTH: 140'  
 CAVED DEPTH: Not Applicable  
 DRY AUGER: Not Applicable  
 WET ROTARY: Mudline to 140'  
 BACKFILL: Cuttings and Drilling Mud  
 LOGGER: T. Mireles

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

**LOG OF BORING NO. B-10**  
**DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS**  
**BATTLEGROUND OIL SPECIALTY TERMINAL COMPANY**  
**HARRIS COUNTY, TEXAS**







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STRATUM DESCRIPTION										0.5	1.0	1.5	2.0	2.5	
			SILTY CLAY, stiff, brown and gray			20									
			SANDY SILT, very dense, brown	133.0											
		50/10"		140.0											
125															
130															
135															
140															
145															
150															
155															

**NOTES:**

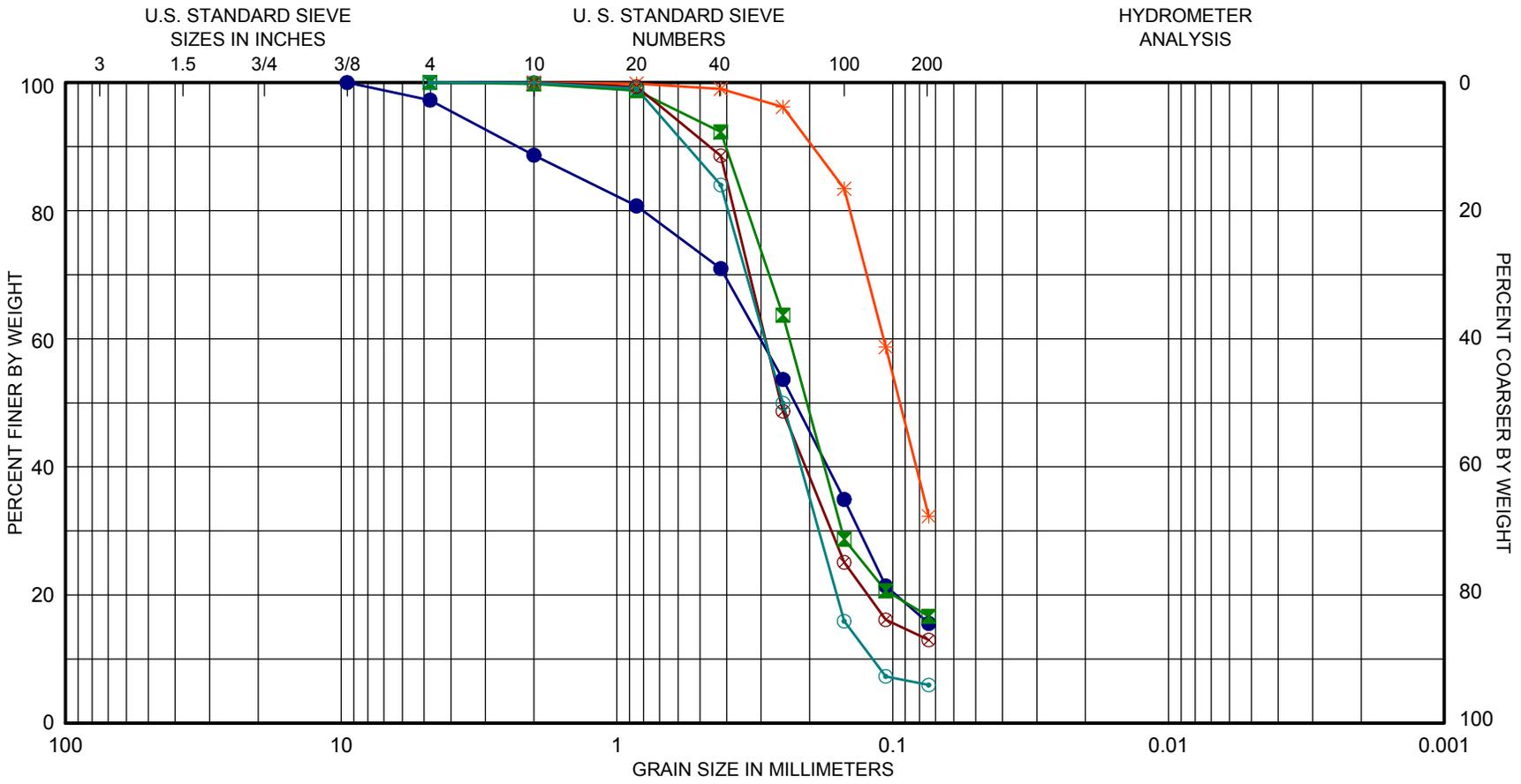
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R:041202011 PROJECTS\0001-0099\0412-11-0003\INDUSTRIAL (WIR\_MV) FUGRO\_SO (LAB DATA)\_INDUSTRIAL (WIR\_MV) 6/2/2011

**LOG OF BORING NO. B-10**  
 DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS  
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GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SYMBOL	BORING	DEPTH, FT	CLASSIFICATION
●	B-10	5	Silty Sand, loose, fine-grained, gray, with shell fragments
■	B-12	15	Sand, very loose, fine-grained, gray
*	B-13	15	Clayey Sand, loose, fine-grained, gray
⊗	B-18	20	Silty Sand, very loose, fine-grained, gray
⊙	B-23	30	Sand, medium-dense, fine-grained, dark brown, with silt seams

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

