

	ابر			LOCATION: See Plate 2			CLASSIFICATION SHEAR STF								TRE	RENGTH		
ОЕРТН, FT	WATER LEVEI SYMBOL	SAMPLES	BLOWS PER FOOT	COORDINATES: 29° 43' 52" N 95° 03' 05" W SURFACE EL.: -8.0' (Assumed) STRATUM DESCRIPTION	STRATUM DEPTH, FT	UNIT DRY WT, PCF	PASSING NO. 200 SIEVE, %	WATER CONTENT, %	LIQUID	PLASTIC LIMIT	PLASTICITY INDEX (PI)	□ Penetrometer Unconfined ♥ ◇ Torvane Triaxial ● ○ Remolded Miniature Vane M. Vane KIPS PER SQ FT					xial ● ane ▲	
				CLAY, gray).5 1.	0 1.	.5 2	.0 2	2.5	
 					3.0	-					-							
 - 5 -		X	15	SAND, medium dense, fine-grained, gray, with silt pockets		-	20				-							
 				SANDY CLAY, soft, gray, with silt seams and silt pockets	6.0	-					-							
 10 						- - -		28			- - -	*						
 						- - -					-							
 15 						- - -					- -							
 - 20 -				- firm below 18'		- - -	49	49	68	15	53_		\$					
 						- - -					-		\$					
- 25 -						<u>-</u>					_		•					
 - 30 -				- with shell fragments below 28'		-					-		\$					
- 30 						- -					-							
 - 35 —						- -		57			-		♦					
 				SILTY CLAY, very stiff, gray, with sandy silt pockets	37.0	-					-							
						113		18	33	14	19						3.8	
NOTES: 1. Water depth was 8' at time of drilling. 2. Terms and symbols defined on Plate A-32a and A-32b. 3. Coordinates were obtained by our field technician with a hand held GPS device.								9 68 15 53_ 7										

LOG OF BORING NO. B-15

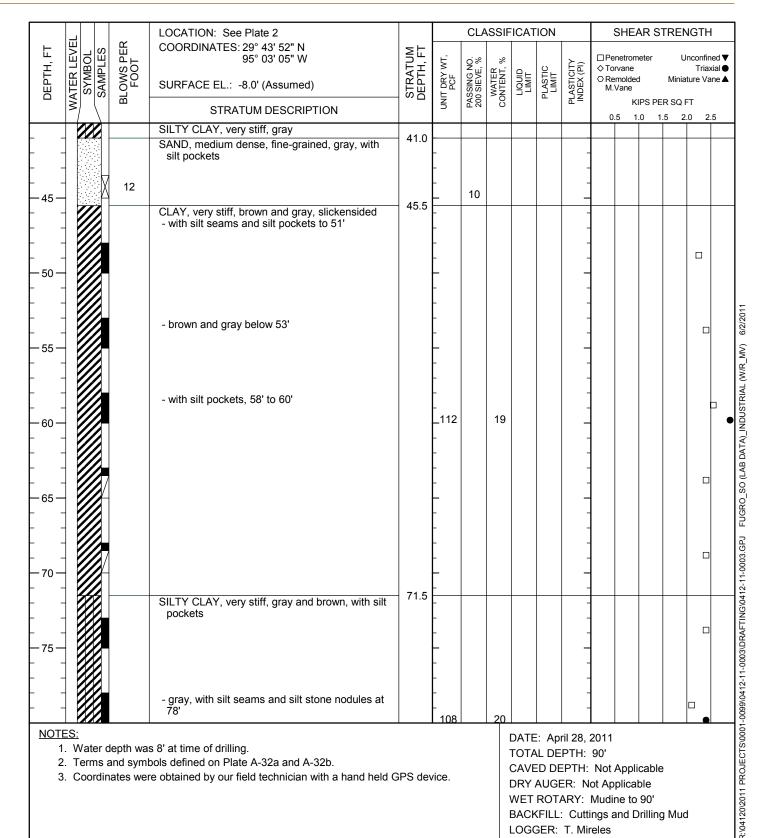
DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS BATTLEGROUND OIL SPECIALTY TERMINAL COMPANY HARRIS COUNTY, TEXAS



DRY AUGER: Not Applicable WET ROTARY: Mudine to 90' BACKFILL: Cuttings and Drilling Mud

LOGGER: T. Mireles





LOG OF BORING NO. B-15

DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS BATTLEGROUND OIL SPECIALTY TERMINAL COMPANY HARRIS COUNTY, TEXAS



WET ROTARY: Mudine to 90' BACKFILL: Cuttings and Drilling Mud

LOGGER: T. Mireles



	بر				LOCATION: See Plate 2 COORDINATES: 29° 43' 52" N 95° 03' 05" W SURFACE EL.: -8.0' (Assumed)			CLASSIFICATION SHEAR S						AR S	STRENGTH		
DEPTH, FT	WATER LEVEL	SYMBOL SAMPLES	SAIMPLES	BLOWS PER FOOT		STRATUM DEPTH, FT	UNIT DRY WT, PCF	PASSING NO. 200 SIEVE, %	WATER CONTENT, %	LIQUID	PLASTIC LIMIT	PLASTICITY INDEX (PI)	□ Penetrometer Unconfined ▼				
	≥	/ \		ш	STRATUM DESCRIPTION		5	2 2	ō				0			.5 2.	
· -					SILTY CLAY, very stiff, gray and brown - brown and gray below 83'		-					- - -		-			
- 85 - - - -					SANDY SILT, gray	86.0	_ 										
- - 90 - - -	-		X	15	SILTY CLAY, stiff, gray, with silt pockets and silt seams	90.0	- - - -		_38_			- - -					
- - - 95 - -							- - -					- - -					
- - -100	-						- - -					- - -					
- - -							- - -					- - -					
-105 - - -	-						_ - - -					- - -					
- 110- - -	-						- - -					- - -					
- - -115-							- - -					- -					
-							- - -					- -					
2	. V 2. T	Vater erms	s aı	nd syn	as 8' at time of drilling. nbols defined on Plate A-32a and A-32b. ere obtained by our field technician with a hand held (GPS de	vice.			TOTA CAVE DRY WET BACK	AL DE ED DE AUGE ROTA (FILL	ril 28, ; PTH: EPTH: ER: N ARY: : Cutti T. Mir	90' Not a ot Ap Mudii ings a	plica	able 90'		•

NOTES:

- 1. Water depth was 8' at time of drilling.
- 2. Terms and symbols defined on Plate A-32a and A-32b.
- 3. Coordinates were obtained by our field technician with a hand held GPS device.

LOG OF BORING NO. B-15

DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS BATTLEGROUND OIL SPECIALTY TERMINAL COMPANY HARRIS COUNTY, TEXAS

