

	ایرا			~	LOCATION: See Plate 2			CLA	SSIF	ICAT	ION		,	SHEA	AR ST	ΓREN	IGTH	ł
ОЕРТН, FT	WATER LEVE	SYMBOL	SAMPLES	BLOWS PER FOOT	COORDINATES: 29° 43' 44" N 95° 03' 17" 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)	⇔To ⊖Re M.			Miniat R SQ F	ture Va	xial ● ane ▲
					CLAY, very soft, dark gray, with organic material		_					_						
 - 5 - 							- - - - -	97	127	120	22	- - 98_ - -	\$					
- 10 - 					SILTY CLAY atiff grow with gapdy ailt pockets	13.0	- - -					-						
- 15 - - 15 -	- - - -				SILTY CLAY, stiff, gray, with sandy silt pockets		- _111 -		18	48	12	36_ -						•
- - - 20 -					- very stiff below 18'	21.0	- - -					-						
			X	9	SILTY SAND, loose, brown	21.0	- - -	16				-						
– 25 –	7						F					_						
- · · · · · · · · · · · · · · · · · · ·					CLAY, very stiff, red, brown, and gray, with siltstone nodules and silt pockets	27.0	- - - 98		28			-				•		
- ·	- - -				SILTY CLAY, stiff, gray, and brown, with sandy silt pockets	31.5	- - -					- -						
- 35 -							Ļ					_						
	- - -				CLAY, very stiff, red, gray, and brown, with sandy silt pockets	36.0	- - -					-						□ +

- 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.

TOTAL DEPTH: 75'

CAVED DEPTH: Not Applicable DRY AUGER: Not Applicable WET ROTARY: Mudline to 75' BACKFILL: Cuttings and Drilling Mud

LOGGER: T. Mireles

LOG OF BORING NO. B-20

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





	ایر		~	LOCATION: See Plate 2 COORDINATES: 29° 43' 44" N 95° 03' 17" W SURFACE EL.: -8.0' (Assumed)			CLA	ASSIF	ICAT	ION		SHEAR STRENGTH				
DEPTH, FT	WATER LEVE	SYMBOL SAMPLES	BLOWS PER FOOT		STRATUM DEPTH, FT	UNIT DRY WT, PCF	PASSING NO. 200 SIEVE, %	WATER CONTENT, %	LIQUID	PLASTIC LIMIT	PLASTICITY INDEX (PI)	□ Penetrometer Unconfined ▼				
			Ф	STRATUM DESCRIPTION] " "	3						0.5	KIPS P			. 5
45 -	_			CLAY, stiff to very stiff, red, gray, and brown, with sandy silt pockets - with siltstone nodules, 40' to 45'		- - - _ 106		22			- - - -			•		+
50 –				- gray and brown below 48' - slickensided, 48' to 53'		- - - -					- - - -					_+
55 -				- with calcareous nodules, 53' to 58'		- - -					- - -					_+
60 -				- with silt seams, 58' to 63'		- - - _108		21			- - -				•	_+
35 -						- - -					- - - -					_+
70 -				SILTY CLAY, very stiff, brown and gray, with silt pockets	67.0	- - -		18			- - -					_+
75 –	-			- red, brown, and gray below 73'	75.0	- - - 					- - - 			<u></u>		+
				is 8' at time of drilling.		- - -					- - ril 13, i PTH:					
 Terms and symbols defined on Plates A-32a and A-32b. Coordinates were obtained by our field technician with a hand held GPS devi 						vice.	CAVED DEPTH: Not Applicable							d		

LOG OF BORING NO. B-20

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



LOGGER: T. Mireles