

LOG OF SOIL BORING

Project Name: Houston Ship Channel, Galveston Bay

Boring No.: MB-20

Water Depth: 13 feet

Time Water Depth Measured: 05:26

Date: 7/03/00

Station: 43 + 570

Offset: -582.0

Project No. 99-217G-00

Approx. Elev.: -11.6 MLT

Northing: 654934.3

Easting: 3293980.7

ELEV. DEPTH, FEET	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	SOIL DESCRIPTION	% PASSING NO. 200 SIEVE	DRY DENSITY PCF	SPECIFIC GRAVITY	SHEAR STRENGTH, TSF		MOISTURE CONTENT, %											
						0.3	0.6	0.9	1.2	1.5	PLASTIC LIMIT	LIQUID LIMIT							
0		Very soft olive gray CLAY w/ shell and sandy clay seams to 5'	78		2.70														
5		stiff to very stiff reddish brown below 5'			2.69														
10	15/24"	Medium dense to dense reddish brown SILT	99																
15	30/24"				2.59														
20	25/24"																		
25	25/24"		99																
30	30/24"	w/ clay inclusions below 30'																	
35		Stiff reddish brown and olive gray CLAY w/ silt inclusions	86																
40		olive gray w/ calcareous nodules below 40'																	
45			89																
50		Gray SILTY SAND	40																
55	30/12"	dense light brown sand below 60'	5																
60																			
65																			
70																			
75																			
80																			

Shear Types: ● = Hand Penetrometer ◆ = Torvane ■ = Minivane ▼ = Field Vane
▲ = Unconfined Compression ◆ = UU Triaxial Compression ◆ = CU Triaxial Compression

Note: The blow counts shown are for wire line hammer sampler penetration, not for the Standard Penetration Test (see Key to Terms and Symbols Used on Boring Logs).

See Plate 2 for boring location

Plate A-20