

DEPARTMENT OF THE ARMY DIVISION Southwestern INSTALLATION Galv Dist, Eng Div DRILLING LOG			1- PROJECT Port Aransas-Corpus Christi WW		SHEET OF	
4- HOLE NO. (As shown on drawing title and file No.) 3ST-22			2- LOCATION (Coordinates or Station) Corpus Christi Bay			
6- DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			3- DRILLING AGENCY U. S. Army Corps of Engineers		5- NAME OF DRILLER Smith	
10- SIZE AND TYPE OF BIT Shelby Tube - 3"			7- THICKNESS OF OVER-BURDEN		8- DEPTH DRILLED INTO ROCK	
11- DATUM FOR ELEVATION SHOWN (TBM or MSL)			9- TOTAL DEPTH OF HOLE 52.0			
12- MANUFACTURER'S DESIGNATION OF DRILL			13- TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED 1 Jar UNDISTURBED 6 Cont		14- TOTAL NO. CORE BOXES	
15- ELEV. GROUND WATER			16- DATE HOLE STARTED 24 Apr COMPLETED 24 Apr 1963		17- ELEV. TOP OF HOLE	
18- TOTAL CORE RECOVERY FOR BORING (%)			19. SIGNATURE OF INSPECTOR			
ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOVERY	BOX OR SAMPLE NO.	REMARKS (drilling time, water loss, depth of weathering, etc., if significant)
0.0	32.5		Water			
32.5	37.0		4-10' rods, and 3: ST went to 37.0, No resistance Gray, clay, mucky, w/some shell frag.			Jar 1
37.0	39.5		4-10' rods, 3"ST kelly No resistance Gray, clay v/soft w/tr shell frag.			Cont. 1
39.5	42.0		4-10' rods, 3" ST and kelly No resistance Gray clay, v/soft			Cont. 2
42.0	44.5		5-10' rods, 3" ST and kelly No resistance Same as above, v/soft			Cont. 3
44.5	47.0		5-10' rods, 3" ST and kelly No resistance Gray clay, v/soft			Cont. 4
47.0	49.5		Same as above, No resistance v/soft			Cont. 5
49.5	52.0		5-10' rods, 3" ST and kelly No resistance Gray clay, v/soft			Cont. 6
			Bottom Tide #1.6 @ 6:15 PM #1.5 @ 7:30 PM Wind 22-28 MPH			

Port of New Orleans Corps Christi
Waterway

LOG OF BORING NO. 3ST-22

Tide 1.6 @ 6:15 PM

1.5 @ 7:30 PM

TYPE: 3" Shelby T

LOCATION:

DEPTH FT	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	BLOWS PER FT	UNIT DRY WT LBS / CU FT	POCKET PENETROMETER - TONS / SQ. FT						ELEVATION FT
						0.5	1.0	1.5	2.0	2.5	3.0	
						PLASTIC LIMIT	WATER CONTENT, %				LIQUID LIMIT	
			SURF. EL.			+						
10												
15												
20			Water									
25												
30												
35												
40			Gray, clay, v/soft		51.2							82.5
41					51.5							
42			0-1-99		50.3							
43					49.7							
44					51.2							86.2
45					51.2							82.5
50					48.2							90.2
55												

COMPLETION DEPTH 52.0'
DATE 24 APR 61

DEPTH TO WATER
IN BORING

DATE