

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>			1- PROJECT <u>Port Aransas-Corpus Christi WW</u>		SHEET <u>OF</u>	
DRILLING LOG			2- LOCATION (Coordinates or Station) <u>Corpus Christi Bay</u>			
4- HOLE NO. (As shown on drawing title and file No.) <u>3ST-19</u>			3- DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>			
6- DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED			5- NAME OF DRILLER <u>Smith</u>		9- TOTAL DEPTH OF HOLE <u>54.0</u>	
10- SIZE AND TYPE OF BIT <u>Shelby Tube - 3"</u>			11- DATUM FOR ELEVATION SHOWN (TBM or MSL)		12- MANUFACTURER'S DESIGNATION OF DRILL	
13- TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED <u>1 Jar</u> UNDISTURBED <u>9 Cont</u>			14- TOTAL NO. CORE BOXES		15- ELEV. GROUND WATER	
17- ELEV. TOP OF HOLE			18- TOTAL CORE RECOVERY FOR BORING (%)		16- DATE HOLE STARTED <u>26 Apr</u> COMPLETED <u>26 Apr 1963</u>	
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	23.5		Water			
23.5	29.0		4-10' rods, and 3" ST No resistance Gray clay, mucky, w/some shell v/soft			Cont. 1
29.0	32.0		3-10' rods, 3" ST and kelly No resistance Gray clay, mucky v/soft			Jar 1
32.0	34.5		4-10' rods, 3" ST and kelly No resistance Gray clay, v/soft w/tr shell			Cont. 2
34.5	37.0		Same as above No resistance, v/soft			Cont. 3
37.0	39.5		4-10' rods, 3" ST, and kelly No resistance Gray clay, v/soft, w/tr shell			Cont. 4
39.5	42.0		Same as above No resistance V/soft			Cont. 5
42.0	44.5		No recovery, same as below			No sample
44.5	47.0		5-10' rods, 3" ST and kelly No resistance Gray clay, v/soft w/tr org. mat			Cont. 6
47.0	49.5		Same as above, No resistance v/soft			Cont. 7
49.5	52.0		5-10' rods, 3" ST and kelly No resistance Gray clay, v/soft			Cont. 8
52.0	54.0		5-10' rods, 3" ST and kelly No resistance Gray clay, v/soft			Cont. 9
			Bottom Tide 2.3 @ 1:15 PM Tide 2.4 @ 6:15 PM Wind 26-32 MPH			

Port Aransas Corpus Christi
Waterway

LOG OF BORING NO. 35T-19

Tide 2.2 @ 1:15 PM

2.4 @ 5:15 PM

TYPE: 3" Shelby Tube

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			Water									
15												
20												
25												
25			Gray Clay, v/soft w/shell fragments	50.4								84.3
30				50.0								81.4
35				52.0								83.2
40				58.5								68.8
40				51.1								83.8
45				59.2								74.1
45				59.4								89.0
50				49.6								88.5
50				79.3								88.5
50				50.8								85.8

0-1-99

COMPLETION DEPTH 54.0
DATE 20 APR 11 63

DEPTH TO WATER
IN BORING

DATE