

DEPARTMENT OF THE ARMY Southwestern DIVISION INSTALLATION Galv Dist, Eng Div			1. PROJECT Pt. Aransas, Corpus Christi WW		SHEET OF	
DRILLING LOG			2. LOCATION (Coordinates or Station) Corpus Christi Bay			
4. HOLE NO. (As shown on drawing title and file no.) 3ST-31			3. DRILLING AGENCY U. S. Army Corps of Engineers			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			7. THICKNESS OF OVER-BURDEN		8. DEPTH DRILLED INTO ROCK	
10. SIZE AND TYPE OF BIT Shelby Tube - 3"			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		9. TOTAL DEPTH OF HOLE 52.0	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED 2 Jars UNDISTURBED 3 Cont		14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER		16. DATE HOLE STARTED 23 Apr COMPLETED 23 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	25.5		Water			
25.5	32.0		4-10' rods, 3" ST to 29.5 No recovery 4-10' rods and 3" ST fell to 32.0 No resistance Gray mucky clay w/silt and tr shell			Jar 1
32.0	37.0		4-10' rods, 3" ST and kelly Went to 37.0 No resistance Gray clay w/silt			Cont. 1
37.0	39.5		4-10' rods, 3" ST and kelly No resistance, No recovery Same as above			No sample
39.5	42.0		4-10' rods, 3" ST and kelly v/little resistance Gray clay, v/soft			Cont. 2
42.0	44.5		Same as above, No recovery			
44.5	47.0		5-10' rods, 3" ST and kelly v/little resistance Gray clay, v/soft w/shell at 46.0			Cont. 3
47.0	49.5		No recovery, same as below Shell w/tr clay and silt			No sample
49.5	52.0		Gray, shell small w/silt and tr clay			Jar 2
			Bottom Wind 16-22 MPH Tide 1.6 @ 3:20 PM Tide 2.0 at 1:15 PM, Corpus Christi deck Water 25.5 Weight of hammer 140# Drop Distance - 30"			

Port Aransas Corpus Christi
Waterway

LOG OF BORING NO. 35T-31

Tide +1.6 @ 3:30 PM
3.0 @ 1:15 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.			
						WATER CONTENT, %						
						PLASTIC LIMIT	LIQUID LIMIT					
			SURF EL.			0.5	1.0	1.5	2.0	2.5	3.0	
						10	20	30	40	50	60	
5												
10			Water									
15												
20												
25												
30			Gray, Clay, v/soft w/shell fragments									107.0
35	C		Gr Clay (cu) 97 w/shell fragments 0-1-99	47.5								93.5
40	H			41.8								107.9
45				57.6								80.6
50			Gray Clayey Shelly Sand (SC)									+67.7

DATE

SWN 266 (C)
22 AUG 62

Completion 52.9
Date 23 APRIL 63