

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>Aransas Pass</u>				
4. HOLE NO. (As shown on drawing title and file No.) <u>3ST-45</u>			3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>				
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ☐ DEGREES WITH VERTICAL			7. THICKNESS OF OVERBURDEN		8. DEPTH DRILLED INTO ROCK		
10. SIZE AND TYPE OF BIT <u>Shelby Tube - 3"</u>			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		9. TOTAL DEPTH OF HOLE <u>52.0</u>		
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED <u>1 Jar</u> UNDISTURBED <u>12 Cont</u>		14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER		16. DATE HOLE STARTED <u>19 Apr</u> COMPLETED <u>19 Apr 1963</u>	
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	20.5		Water				
20.5	23.0		4-10' rods and 3" ST went to 23.0, no resistance Gray clay v/soft, w/shell			Cont. 1	
23.0	25.5		3-10' rods, 3" ST and kelly No resistance Gray, clay, v/soft, w/silt and shell			Cont. 2	
25.5	28.0		3-10' rods, 3" ST and kelly No resistance same as above v/soft			Cont. 3	
28.0	30.0		3-10' rods, 3" ST and kelly No resistance Gray clay v/soft w/silt			Cont. 4	
30.0	32.0		3-10' rods, 3" ST and kelly No resistance Gray clay v/soft w/silt			Cont. 5	
32.0	34.5		4-10' rods, 3" ST and kelly No resistance, same as above v/soft			Cont. 6	
34.5	37.0		4-10' rods, 3" ST and kelly No resistance Gray clay v/soft w/tr shell			Cont. 7	
37.0	39.5		Same as above No resistance, v/soft			Cont. 8	
39.5	42.0		4-10' rods, 3" ST and kelly v/little resistance Gray clay v/soft			Cont. 9	
42.0	44.5		5-10' rods, 3" ST and kelly No resistance Gray clay v/soft w/tr org. mat			Cont. 10	
44.5	47.0		Same as above No resistance, v/soft			Cont. 11	
47.0	49.5		5-10' rods, 3" ST and kelly v/little resistance Gray clay, v/soft to 49.0 Sand w/shell at 49.0			Cont. 12	
49.5	50.0		Same as below, washed				
50.0	52.0		50.5-51.0 2 blows 51.0-51.5 3 blows Gray sand w/cia and shell			Jar 1	
			Bottom Water 20.5 Wind 10-15 MPH			Tide #1.5 @ 3:20 PM Tide #1.3 @ 5:45 PM	

Port Aransas Corpus Christi
Waterways

LOG OF BORING NO. 35T-45

Tide H.S. @ 3:20 PM
+ 1.3 @ 3:45 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.	
						PLASTIC LIMIT		WATER CONTENT, %		LIQUID LIMIT			
						0.5	1.0	1.5	2.0	2.5	3.0		
			SURF. EL.			10	20	30	40	50	60		
5			Water										
10													
15													
20													
25	CH		Gray, clay	0-7-93	51.1							+ 104.7	
		v/soft	57.4									92.8	
			52.3									82.1	
			50.5									86.1	
30			54.1									77.7	
			52.8									80.2	
35			50.3									87.2	
			41.2		0-3-97	41.3							86.4
40			41.3										84.1
			50.4										85.2
45		51.2									83.5		
50	SC		Gray clayey sand		57.4								
DATE													

DATE