

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist. Eng Div</u>			1. PROJECT <u>Pt. A. Corpus Christi WW</u>		SHEET <u> </u> OF <u> </u>		
DRILLING LOG			2. LOCATION (Coordinates or Station) <u>Aransas Pass, Texas</u>				
4. HOLE NO. (As shown on drawing title and file no.) <u>3ST-49</u>			3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>				
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL <u> </u>			7. THICKNESS OF OVERBURDEN <u> </u>		8. DEPTH DRILLED INTO ROCK <u> </u>		
10. SIZE AND TYPE OF BIT <u>Shelby Tube - 3"</u>			11. DATUM FOR ELEVATION SHOWN (TBM or MSL) <u> </u>		9. TOTAL DEPTH OF HOLE <u>52.0</u>		
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED <u>2 Jars</u> UNDISTURBED <u>6 Cont</u>		14. TOTAL NO. CORE BOXES <u> </u>		15. ELEV. GROUND WATER <u> </u>		16. DATE HOLE STARTED <u>19 Apr</u> COMPLETED <u>19 April 1963</u>	
17. ELEV. TOP OF HOLE <u> </u>		18. TOTAL CORE RECOVERY FOR BORING (%) <u> </u>		19. SIGNATURE OF INSPECTOR <u> </u>			
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	30.0		Water				
30.0	35.0		Dark gray silty clay Redeposit, fell under weight of splitspoon and 4 drill rod Could not recover sample w/3ST on 2.0 run			Jar 1	
35.0	38.0		Dark gray silty clay			Jar 2	
38.0	40.5		Dark gray sticky silty clay v/soft			Cont. 1	
40.5	43.0		Dark gray sticky silty clay v/soft			Cont. 2	
43.0	45.5		Same as above, v/soft			Cont. 3	
45.5	48.0		Same as above, v/soft			Cont. 4	
48.0	50.5		Same as above, soft			Cont. 5	
50.5	52.0		Gray sticky sand clay slow changing to sand and shell Definite clay to 52.0 w/shell @ 51.5, soft			Cont. 6	
			Bottom Tide #1.1 @ 10:30 AM				

Port 190303 Corps Christi
waterway

LOG OF BORING NO. 35T-49

Tide +11. @ 10:30 AM

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	20	30	40	50	60	
5												
10												
15			Water									
20												
25												
30												
35			Dark Gray Clay V/soft									85.4
40												87.8
45												88.1
50												82.5
52.0												90.0
												91.4
												74.4
												52.0

DATE

SWN 266(C)
22 AUG 62

Completion Depth 52.0
Date 19 April 63