

DEPARTMENT OF THE ARMY			1. PROJECT		SHEET OF	
DIVISION <u>Southwestern</u>			Port Aransas-Corpus Christi WW			
INSTALLATION <u>Galv Dist, Eng Div</u>			2. LOCATION (Coordinates or Station)			
DRILLING LOG			Aransas Pass			
4. HOLE NO. (As shown on drawing title and file No.)			3. DRILLING AGENCY			
3ST-24			U. S. Army Corps of Engineers			
6. DIRECTION OF HOLE			7. THICKNESS OF OVER-BURDEN		8. DEPTH DRILLED INTO ROCK	
☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL					9. TOTAL DEPTH OF HOLE 52.0	
10. SIZE AND TYPE OF BIT			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		12. MANUFACTURER'S DESIGNATION OF DRILL	
Shelby Tube - 3"						
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN			14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
DISTURBED 2 Jars			UNDISTURBED 6 Cont		16. DATE HOLE	
					STARTED 25 Apr COMPLETED 25 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	35.0		Water			
35.0	38.0		Dark gray silty redeposit material, fell under weight of 3ST and 4 drill rods			Jar 1
38.0	40.0		Dark gray silty clay w/shell traces			Jar 2
40.0	42.0		Same as above, v/soft			Cont. 1
42.0	44.0		Dark gray silty clay, v/soft			Cont. 2
44.0	46.5		Dark gray silty clay, v/soft			Cont. 3
46.5	49.0		Dark gray silty clay, soft			Cont. 4
49.0	50.5		Dark gray silty clay, v/soft			Cont. 5
50.5	52.0		Dark gray silty clay, v/soft			Cont. 6
			From 35.0-38.0 3ST penetrated underweight of 4 drill rods 38.0-40.0 - 42 - 44 - 46.5 to 49.0, to 50.5 to 42.0 Runs made as scale shows and 3" ST penetrated material under weight of 5 drill rods and kelly.			
			Bottom Tide +1.9 @ 6:00 AM Wind 20 MPH			

Port Aransas - Corpus Christi WW

LOG OF BORING NO. 3 St - 24

Tide +1.9 @ 6:00 AM

TYPE: 3" Shelby Tube

LOCATION: Aransas Pass

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
						WATER CONTENT, %						
			SURF. EL.			PLASTIC LIMIT						
						+						
						10	20	30	40	50		
5												
10												
15												
20			Water									
25												
30												
35												
40			Gray Clay, V/Soft							201.0		
			Sandy 35' to 42'							86.1		
			3-35-62							+ 100.6		
			W/tr Shell 38' to 42'							109.5		
						NO DENSITY				81.2		
45					52.6					86.9		
					50.9					78.1		
					53.3							
50					51.9							
					53.4							
COMPLETION DEPTH 52.0'						79.0						
DATE 25 APRIL 1963						81.4						
0-5-95						+ 92.6						