

DEPARTMENT OF THE ARMY				1. PROJECT Port Aransas-Corpus Christi		SHEET <u>WW</u> OF	
DIVISION <u>Southwestern</u>				2. LOCATION (Coordinates or Station) Aransas Pass			
INSTALLATION <u>Galv Dist, Eng Div</u>				3. DRILLING AGENCY U. S. Army Corps of Engineers			
DRILLING LOG				5. NAME OF DRILLER Smith			
4. HOLE NO. (As shown on drawing title and file No.) 3ST-51				7. THICKNESS OF OVER-BURDEN		8. DEPTH DRILLED INTO ROCK	
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL						9. TOTAL DEPTH OF HOLE 52.0	
10. SIZE AND TYPE OF BIT Shelby Tube - 3"		11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		12. MANUFACTURER'S DESIGNATION OF DRILL			
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED 1 Jar		UNDISTURBED 8 Cont		14. TOTAL NO. CORE BOXES		15. ELEVATION GROUND WATER	
						16. DATE HOLE STARTED 12 Apr 63 COMPLETED 12 Apr 63	
17. ELEVATION 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	27.5		Water			
27.5	30.0		4-10' rods and 3 ST No resistance Gray clay w/silt, and tr shell			Jar 1
30.0	32.5		Gray clay v/soft, w/silt			Cont. 1
32.5	35.0		4-10' rods and 3" ST and kelly No resistance No recovery to 35.0			
35.0	37.5		4-10' rods, 3" ST and kelly No resistance Gray, clay, v/sfot, w/silt and tr org. mat			Cnt. 2
37.5	40.0		4-10' rods, 3" ST and kelly No resistance Gray, clay v/soft			Cont. 3
40.0	42.0		Same as above No resistance			Cont. 4
42.0	44.5		5-10' rods, 3" ST and kelly No resistance Gray clay v/soft			Cont. 5
44.5	47.0		Same as above No resistance, v/soft			Cont. 6
47.0	49.5		Gray clay, v/soft, w/tr shell v/little resistance			Cont. 7
49.5	52.0		Gray clay, v/soft, v/little resistance			Cont. 8
			Bottom Wind 6-10 MPH Tide 1.3 9:20 PM Water 27.5 Weight of hammer 140# Drop Distance - 30"			

Port Aransas Corpus Christi
Waterway LOG OF BORING NO. 35T-51

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.	
						0.51.01.52.02.53.0 PLASTIC LIMITWATER CONTENT, %LIQUID LIMIT + • +							
						10	20	30	40	50	60		
5													
10													
15													
20			Water										
25													
30			Gray Clay (CH) v/soft to medium									• 71.4	
35			ft v/soft to soft		58.8								
40					50.8							• 85.6	
45					51.0							• 84.4	
50					49.9							• 92.1 + 95.3	
55					52.2							• 86.9	
60					52.0							• 83.4	
65					55.9							• 77.5	

COMPLETION DEPTH 52 ft
DATE 12 Apr. 1963

DEPTH TO WATER
IN BORING

DATE

Port Aransas Corpus Christi
waterways

LOG OF BORING NO. 35T-51

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	
	C H				5.1	10						77.9
55												
60												
65												
70												
75												
80												
85												
90												
95												
100												

COMPLETION DEPTH
DATE

DEPTH TO WATER
IN BORING

DATE