

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>			1. PROJECT Port Aransas-Corpus Christi WW		SHEET OF	
DRILLING LOG			2. LOCATION (Coordinates or Station) Aransas Pass			
4. HOLE NO. (As shown on drawing title and file No.) 3ST-21			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 UNDISTURBED 11 Cont			14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
17. ELEV. TOP OF HOLE			18. TOTAL CORE RECOVERY FOR BORING (%)		16. DATE HOLE STARTED 29 Apr COMPLETED 29 Apr 1963	
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	26.0		Water			
26.0	28.5		Dark gray silty clay, v/soft			Cont. 1
28.5	31.0		Dark gray silty clay, v/soft			Cont. 2
31.0	33.5		Dark gray silty clay, v/soft			Cont. 3
33.5	36.0		Dark gray silty clay, v/soft			Cont. 4
36.0	38.5		Dark gray silty clay, v/soft			Cont. 5
38.5	41.0		Dark gray silty clay, soft			Cont. 6
41.0	43.5		Same as above, v/soft			Cont. 7
43.5	46.0		Same as above, v/soft			Cont. 8
46.0	48.5		Dark gray silty clay, v/soft			Cont. 9
48.5	50.0		Same as above, v/soft			Cont. 10
50.0	52.0		Dark gray silty clay, v/soft			Cont. 11
			Bottom Tide 1.9 @ 7:00 AM			

Port Aransas - Corpus Christi
Waterway

LOG OF BORING NO. 35T-21

Tide 1.9 @ 7:00 A.M.

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												
20												
25			Water									
30			Dark Gray, clay (CH) V/soft	48.8	48.8							89.1
			90 V/soft	46.2	46.2							100.7
35				48.4	48.4							90.8
				47.8	47.8							94.7
40				47.1	47.1							84.6
				51.1	51.1							85.5
45				50.3	50.3							86.7
				48.7	48.7							91.9
50				47.4	47.4							95.4
				50.2	50.2							87.5

COMPLETION DEPTH 52 ft.
DATE 29 April 63

DEPTH TO WATER
IN BORING

DATE

Port Aransas Corpus Christi
Waterway

LOG OF BORING NO. 3ST-21

TYPE:		LOCATION:		POCKET PENETROMETER TONS / SQ. FT.						ELEVATION FT.		
DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	BLOWS PER FT.	UNIT DRY WT. LBS / CU. FT.	WATER CONTENT, %						
						PLASTIC LIMIT		WATER CONTENT, %			LIQUID LIMIT	
						+	+	+	+		+	+
			SURF EL.			10	20	30	40	50	60	85.7
35												
40												
45												
50												
55												
60												
65												
70												
75												
80												
85												
90												
95												
100												