

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) Corpus Christi Bay			
4. HOLE NO. (As shown on drawing title and file No.) 3ST-14				3. DRILLING AGENCY U. S. Army Corps of Engineers			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL				5. NAME OF DRILLER Smith		7. THICKNESS OF OVERBURDEN	
10. SIZE AND TYPE OF BIT Shelby Tube - 3"		11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		8. DEPTH DRILLED INTO ROCK		9. TOTAL DEPTH OF HOLE 54.5	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED		14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER		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	30.0		Water				
30.0	32.0		4-10' rods and 3" ST - no resistance Gray clay, mucky v/soft, w/shell			Cont. 1	
32.0	34.5		4-10' rods, 3" ST and kelly No resistance Gray clay, v/soft, w/silt			Cont. 2	
34.5	37.0		Same as above No resistance V/soft, w/tr shell			Cont. 3	
37.0	39.5		4-10' rods 3" ST and kelly No resistance Gray clay v/soft w/silt and tr shell			Cont. 4	
39.5	42.0		4-10' rods, 3" ST and kelly No resistance Gray clay, v/soft			Cont. 5	
42.0	44.5		5-10' rods, 3" ST and kelly No resistance Gray clay v/soft, w/tr shell			Cont. 6	
44.5	47.0		Same as above, No resistance w/tr org. mat			Cont. 7	
47.0	49.5		5-10' rods, 3" ST and kelly No resistance Gray clay v/soft, w/tr org. mat			Cont. 8	
49.5	52.0		Same as above No resistance, v/soft			Cont. 9	
52.0	54.5		5-10' rods, 3" ST and kelly v/little resistance Gray clay v/soft, w/tr org. mat Bottomed at 54.5 Tide +2.1 @ 8:10 PM Wind 22-28 MPH			Cont. 10	

Port Mansuet Corpus Christi

Waterway

LOG OF BORING NO. 35T-14

Tide 2.1 @ 810pm

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							
10																		
15																		
20																		
25																		
30																		
35			Gray, Clay, v/soft w/ shell fragments	59.1								67.1						
40				48.8								71.0						
45				51.4								83.8						
50			0-2-98	48.2								89.8						
55				49.1								88.9						
60				51.2								83.7						
65				49.8								87.5						
70				47.8								85.1						
75				53.3								78.8						
80				54.9								75.9						

COMPLETION DEPTH 52.0

DATE 25 April 63

DEPTH TO WATER IN BORING

DATE