

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>			1. PROJECT <u>Port Aransas-Corpus Christi WW</u>		SHEET <u>OF</u>		
DRILLING LOG			2. LOCATION (Coordinates or Station) <u>Aransas Pass</u>				
4. HOLE NO. (As shown on drawing title and file no.) <u>3ST-42</u>			3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>				
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 <u>Shelby Tube - 3"</u>			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		9. TOTAL DEPTH OF HOLE <u>52.0</u>		
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED <u>2 Jars</u> UNDISTURBED <u>5 Cont</u>		14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER		16. DATE HOLE STARTED <u>19 Apr</u> COMPLETED <u>19 Apr 1963</u>	
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	32.0		Water				
32.0	34.5		4-10' rods and 3" ST no resistance Dark gray muck, v/soft w/tr shell			Jar 1	
34.5	39.5		4-10' rods, 3" ST and kelly No resistance Dark gray muck, clayey w/shell v/soft			Jar 2	
39.5	42.0		4-10' rods, 3" ST and kelly No resistance Gray clay v/soft w/silt and shell			Cont. 1	
42.0	44.5		5-10' rods, 3" ST and kelly No resistance Gray clay v/soft w/silt			Cont. 2	
44.5	47.0		5-10' rods, 3" ST and kelly v/little resistance Gray clay v/soft			Cont. 3	
47.0	49.5		Same as above, v/soft			Cont. 4	
49.5	52.0		6-10' rods, 3" ST and kelly No resistance Gray clay v/soft w/tr org. mat			Cont. 5	
			Bottom Wind 10-16 MPH Water 32.0 Weight of hammer 140# Drop Distance - 30" Tide 1.6 @ 5:45 Tide 1.7 @ 8:50 PM				

Port Moresby Corps Christi
Waterway

LOG OF BORING NO. 35T-42

Tide +1.6 @ 5:45
1.7 @ 8:50 PM

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			Gray, clay v/soft									182.2
40	C H											104.7
45												125.1
50												106.1
												77.6
												90.4
												85.5
												90.0

DATE