

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist. Eng Div</u> DRILLING LOG				1. PROJECT <u>Port Aransas-Corpus Christi WW</u>		SHEET <u> </u> OF <u> </u>	
2. LOCATION (Coordinates or Station) <u>Aransas Pass - 435700</u>				3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>			
4. HOLE NO. (As shown on drawing title and file no.) <u>3ST-102</u>				5. NAME OF DRILLER <u>Black</u>			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL				7. THICKNESS OF OVERBURDEN		8. DEPTH DRILLED INTO ROCK	
10. SIZE AND TYPE OF BIT <u>Shelby Tube - 3"</u>				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		12. MANUFACTURER'S DESIGNATION OF DRILL	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED <u>9 Jars</u> UNDISTURBED <u> </u>				14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
16. DATE MOLE STARTED <u>3 May</u> COMPLETED <u>3 May 1963</u>				17. ELEV. TOP OF MOLE			
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	28.0		Water				
28.0	30.0		Dark gray sand w/traces of shell			Jar 1	
30.0	32.0		Dark gray clayey sand w/traces of shell			Jar 2	
32.0	34.5		Dark gray sand w/shell traces			Jar 3	
34.5	37.0		Dark gray tan sandy clay			Jar 4	
37.0	39.5		Light gray tan sandy clay			Jar 5	
39.5	42.0		Light tan sandy clay, v/stiff			Cont. 1 2.5	
42.0	44.5		Light tan clayey sand, hard			Cont. 2 4.5+ and Jar 6	
44.5	46.0		44.5-45.0 No blows 45.0-45.5 1 blow 45.5-46.0 4 blows Light tan sand, loose			Jar 7 <i>Loose</i>	
46.0	48.0		Washed				
48.0	50.0		Light tan sand w/cemented shell			Jar 8	
50.0	52.0		Light tan sand w/traces of clay			Jar 9	
Bottom Tide 2.0 @ 6:15 AM Weight of hammer 140# Drop Distance - 30"							

Port Aransas - Corpus Christi WW

LOG OF BORING NO. 3 St-102

Tide +2.0 @ 6:15 AM

TYPE: 3" Shelby Tube

LOCATION: Aransas Pass 435+00

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			Water									
25												
28												
30	S		Dark Gray Silty Sand 0-86-14									
	M											
34.5												
35	C		L.S. = 12.0 1-42-57									
	L		Gray Tan Sandy Clay w/cal Nod									
39.5												
40	SC		Light Tan Silty Clayey Sand									
	SM		L.S. = 4.0 V/S+ff 0-78-22									
			Light Tan Silty Sand, V/Dense									
45	S		L.S. = 0.0 1-77-22									
	M		-Loose 44.5 to 46.0 1-85-14									
48												
50	SC		Light Tan Silty Clayey Sand, w/shell 8-59-33									
	SM		L.S. = 4.0 SL 0-52-48									
55												

COMPLETION DEPTH 52.0'
DATE 3 May 1963

DEPTH TO WATER
IN BORING

DATE