

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>1</u> OF <u>1</u>	
DRILLING LOG			2. LOCATION (Coordinates or Station) <u>Aransas Pass Sta. 424700</u>			
4. HOLE NO. (As shown on drawing title and file No.) <u>3ST-101</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 <u>Black</u>		8. DEPTH DRILLED INTO ROCK <u>53.5</u>	
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>7 Jars</u> UNDISTURBED			14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
17. ELEV. TOP OF HOLE			18. TOTAL CORE RECOVERY FOR BORING (%)		16. DATE HOLE STARTED <u>6 May</u> COMPLETED <u>6 May 1963</u>	
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	33.0		Dark gray coarse sand, soft			Jar 1
33.0	35.0		Dark gray coarse sand, w/cal nod, soft			Jar 2
35.0	36.5		35.0-35.5 No blows 35.5-36.0 1 blow 36.0-36.5 3 blows Dark gray soft, coarse sand w/cal nod			Jar 3
36.5	39.0		Light gray fine sand w/traces of clay			Jar 4
39.0	40.0		Same as above, washed			
40.0	42.0		40.5-41.0 15 blows Gray sand, fine w/tr clay and cal nod 41.0-41.5 23 blows Gray sand w/tr clay			Jar 5
42.0	45.0		Same as above, sand fine, w/tr clay, washed			
45.0	47.0		Gray sand, fine w/clayey sand seams and tr cal nod, small			Jar 6
47.0	50.0		Same as above, washed			
50.0	52.0		Sand, fine, no recovery			
52.0	52.5		52.5-53.0 23 blows 53.0-53.5 42 blows Gray sand, fine w/thin seam cemented sand Bottomed Tide 1.8 @ 4:00 PM Weight of hammer 140# Drop Distance - 30"			Jar 7

Port Aransas - Corpus Christi WW

LOG OF BORING NO. 3 St-101
Tide +1.8 @ 4:00 PM

TYPE: 3" Shelby Tube

LOCATION: Aransas Pass Sta. 425+00

DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	BLOWS PER FT.	UNIT DRY WT. LBS./CU.FT.	POCKET PENETROMETER - TONS / SQ. FT.			ELEVATION FT.		
						PLASTIC LIMIT	WATER CONTENT, %	LIQUID LIMIT			
SURF. EL.						0.5	1.0	1.5	2.0	2.5	3.0
						10	20	30	40	50	60
10											
15											
20			Water								
25											
30											
32											
35	S		Dark Gray Gravelly Silty Sand, Loose								
	P		- W/Cal Nod 33.0' to 36.5'								
	S		L.S. = 1.5	20-68-12							
	M		34.5	4							
38	SC		Light Gray Silty Clayey Sand								
	SM		L.S. = 3.0	0-74-26							
40											
43				38							
45	S		Gray Clayey Sand,								
	C		W/tr Cal Nod								
50											
52	S		Gray Silty Sand,	65							
	M		V/ Dense	G-83-11							
55											

COMPLETION DEPTH 52.5'
DATE: G MAY 1963

DEPTH TO WATER
IN BORING

DATE