

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, Texas, Sta 415/00</u>			
4. HOLE NO. (As shown on drawing title and file no.) <u>3ST-100</u>				3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL				5. NAME OF DRILLER <u>Smith</u>		7. THICKNESS OF OVERBURDEN	
10. SIZE AND TYPE OF BIT <u>Shelby Tube - 3"</u>		11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		8. DEPTH DRILLED INTO ROCK		9. TOTAL DEPTH OF HOLE <u>52.0</u>	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED <u>8 Jars</u> UNDISTURBED <u>3 Cont</u>		14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER		16. DATE HOLE STARTED <u>6 May</u> COMPLETED <u>6 May 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	25.0		Water				
25.0	27.0		4-10' rods, & 3" ST No resistance Gray muck, sandy w/tr clay and cal nod			v/soft Jar 1	
27.0	28.0		Greenish gray sand clayey, w/cal nod, v/stiff			Jar 2 SC v/stiff	
28.0	29.5		No recovery Sand w/tr clay			No sample	
29.5	32.0		Greenish gray, sand w/tr clay and cal nod, clayey at 32.0			Jar 3 SM	
32.0	33.0		Gray and rust sand w/tr clay			Jar 4	
33.0	34.0		Gray sand, no recovery				
34.0	36.0		Gray and rust sand clayey hard, w/some cal nod, small			Cont. 1 4.5'	
36.0	38.0		36.5-37.0 13 blows 37.0-37.5 18 blows Gray and rust sand clayey			Jar 5 SC	
38.0	40.0		Gray and rust sand, clayey hard			Cont. 2 4.5'	
40.0	42.0		Gray and rust sand w/tr clay stiff			Cont. 3 1.75	
42.0	44.0		42.5-43.0 19 blows 43.0-43.5 17 blows Rust and gray sand, fine w/tr clay			Jar 6 SM	
44.0	47.0		Same as above, washed			Dense to v/Dense	
47.0	49.0		47.5-48.0 16 blows 48.0-48.5 17 blows Gray sand, fine and silty w/shell, frag.			Jar 7	
49.0	50.0		Same as above, washed				
50.0	52.0		50.5-51.0 11 blows 51.0-51.5 16 blows Gray sand, fine w/shell frag			Jar 8	
Bottom Weight of hammer 140# Drop Distance - 30" Tide 1.8 @ 4:00 PM Tide 1.5 @ 7:30 PM							

Port Aransas - Corpus Christi WW

LOG OF BORING NO. 3 St-100

Tide +1.8 @ 4:00 PM

+1.5 @ 7:30 PM

TYPE: 3" Shelby Tube

LOCATION: Aransas Pass, Tex. Sta. 415+00

