

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>				1. PROJECT		SHEET OF	
				Port Aransas-Corpus Christi WW			
DRILLING LOG 4. HOLE NO. (As shown on drawing title and file No.) 3ST-111				2. LOCATION (Coordinates or Station)			
				Aransas Pass			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL				3. DRILLING AGENCY			
				U. S. Army Corps of Engineers			
10. SIZE AND TYPE OF BIT Shelby Tube - 3"				5. NAME OF DRILLER		9. TOTAL DEPTH OF HOLE	
				Smith		52.0	
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)				7. THICKNESS OF OVERBURDEN	8. DEPTH DRILLED INTO ROCK	12. MANUFACTURER'S DESIGNATION OF DRILL	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN				14. TOTAL NO. CORE BOXES	15. ELEV. GROUND WATER	16. DATE HOLE	
DISTURBED 5 Jars UNDISTURBED 3 Cont						STARTED 29 Apr	COMPLETED 29 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	28.0		Water				
28.0	30.0		4-10' rods, 3" ST No resistance Gray muck v/soft w/sand clayey @ 30.0			Jar 1	
30.0	32.0		Gray, sand, clayey, med to v/stiff			Cont. 1 Top 0.75 Bottom 3.0	
32.0	34.5		Gray and rust sand, clayey v/stiff w/some sandstone nod			v/stiff Cont. 2 3.5	
34.5	37.0		Gray, sand w/sand nod and tr clay, soft			Cont. 3 0.25	
37.0	39.0		37.5-38.0 12 blows 38.0-38.5 13 blows Gray sand, med, fine, w/sandstone nod			Jar 2	
39.0	42.0		Washed, same as above				
42.0	44.0		42.5-43.0 17 Blows 43.0-43.5 19 blows Gray and brown sand w/clay seams and sandstone nod			Jar 3 v/dense	
44.0	46.0		Washed, same as above				
46.0	47.0		Washed, same as below				
47.0	49.0		47.5-48.0 13 blows 48.0-48.5 19 blows Gray and brown sand w/clay seams and sandstone nod			Jar 4	
49.0	50.5		Washed, same as above				
50.5	52.5		51.0-51.5 22 blows 51.5-52.0 24 blows Gray and brown sand w/sandy clay seams			Jar 5	
Bottom Tide 2.0 @ 7:00 PM Tide 1.9 @ 9:10 PM Weight of hammer 140# Drop Distance - 30"							