

DEPARTMENT OF THE ARMY			1. PROJECT		SHEET OF	
DIVISION <u>Southwestern</u>			Port Aransas-Corpus Christi			
INSTALLATION <u>Galv Dist, Eng Div</u>			2. LOCATION (Coordinates or Station)			
ARANSAS PASS, TEX			3. DRILLING AGENCY			
DRILLING LOG			U. S. Army Corps of Engineers			
4. HOLE NO. (As shown on drawing title and file No.)			5. NAME OF DRILLER			
3ST-57			Smith			
6. DIRECTION OF HOLE			7. THICKNESS OF OVER-BURDEN		8. DEPTH DRILLED INTO ROCK	
☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL					9. TOTAL DEPTH OF HOLE	
					52.0	
10. SIZE AND TYPE OF BIT			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		12. MANUFACTURER'S DESIGNATION OF DRILL	
Shelby Tube - 3"						
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN			14. TOTAL NO. CORE BOXES		15. ELEVATION GROUND WATER	
DISTURBED 1 Jar			UNDISTURBED 4 Cont		16. DATE HOLE	
					STARTED 11 Apr COMPLETED 11 Apr 1963	
17. ELEVATION 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	34.0		Water			
34.0	42.0		50' rod, 3" ST and kelly went to 42.0, no resistance Dark gray, muck, v/soft			Jar 1
42.0	44.5		Gray and rust sand, clayey stiff			Cont. 1 1.25
44.5	47.0		Gray and rust sand, clayey v/stiff			Cont. 2 3.5
47.0	49.5		Same as above, stiff			Cont. 3 1.5
49.5	52.0		Gray and rust sand, med, fine w/tr clay, med			Cont. 4 0.75
			Bottom			
			Water 34.0			
			Tide 1.5 @ 7:15			
			Tide 1.3 9:20 PM			
			Weight of hammer 140#			
			Drop Distance - 30"			
			Wind - 15 to 20 MPH			

Port Aransas - Corpus Christi WW

LOG OF BORING NO. 3 St-57

TYPE: 3" Shelby Tube

LOCATION: Aransas Pass, Tex

Energy 1032												
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												
30												
35			3+									
40	C H		Dark Gray Clay, v/soft			(124)						124.0
45	C L		+2 Gray & Rust Sandy Clay, Hard to v/stiff		115.1							4.5 f
50	S C		+9.5 Gray & Rust Clayey Sand		102.7 106.4 101.9	(21)						4.0 3.5
						(24) stiff						

COMPLETION DEPTH 52.0'
DATE 11 April 1963

DEPTH TO WATER
IN BORING

DATE