

DEPARTMENT OF THE ARMY				1. PROJECT <u>Pt. Aransas, Corpus Christi WW</u>		SHEET OF	
DIVISION <u>Southwestern</u>				2. LOCATION (Coordinates or Station) <u>Aransas Pass, Texas</u>			
INSTALLATION <u>Galv Dist, Eng Div</u>				3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>			
DRILLING LOG				5. NAME OF DRILLER <u>Smith</u>			
4. HOLE NO. (As shown on drawing title and file No.) <u>3ST-53</u>				9. TOTAL DEPTH OF HOLE <u>52.0</u>			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL				7. THICKNESS OF OVER-BURDEN		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>4 Jars</u> UNDISTURBED <u>4 Cont</u>				14. TOTAL NO. CORE BOXES		15. ELEVATION GROUND WATER	
17. ELEVATION TOP OF HOLE				18. TOTAL CORE RECOVERY FOR BORING (%)		16. DATE HOLE STARTED <u>12 Apr</u> COMPLETED <u>12 Apr 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	26.0		Water			
26.0	28.5		40' rod, & 3" ST to 28.5 No resistance No recovery Dark gray, muck, v/soft			
28.5	31.0		40' rod & 3" ST went to 31.0 No resistance Gray clay mucky, v/soft			Jar 1
31.0	33.5		Same as above, v/soft			Jar 2
33.5	36.0		40' rod, 3" ST & kelly No resistance Dark gray clay w/silt, v/soft			Cont. 1
36.0	38.5		Same as above, no resistance			Jar 3
38.5	41.0		40' rod, 3" ST and kelly No resistance Gray clay, w/silt, v/ soft			Cont. 2
41.0	43.5		Same as above, No resistance No recovery			
43.5	46.0		50' rod, 3" ST and kelly No resistance No recovery, same as below			No sample
46.0	48.0		Gray sand w/clay seams v/soft, no resistance			Jar 4
48.0	50.0		Gray, sand, fine clayey v/soft, some resistance			Cont. 3
50.0	52.0		Gray clay sandy v/soft			Cont. 4
			Bottomed in above Water 26.0 Wind 8-15 MPH Tide +1.5 @ 3:00 PM +1.5 @ 4:10 PM			

Port Aransas Corpus Christi
Waterway

LOG OF BORING NO. 35T-52

TYPE: 3" Shelby Tube

LOCATION:

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.			+					+	
5						10	20	30	40	50	60	
10												
15												
20												
25			Water									
30												
35	C H		Gray Clay v/soft		54.8						75.8	
40			Gray, sand Loose to v/dense	4								
45	S P			0-97-3 29								
				11								

COMPLETION DEPTH 52 ft
DATE 12 April 63

DEPTH TO WATER
IN BORING

DATE

Port Aransas Corpus Christi
Waterway

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DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	BLOWS PER FT.	UNIT DRY WT. LBS./CU. FT.	POCKET PENETROMETER TONS / SQ. FT.						ELEVATION FT.
						WATER CONTENT, %						
						PLASTIC LIMIT					LIQUID LIMIT	
			SURF. EL.			0.5	1.0	1.5	2.0	2.5	3.0	
						10	20	30	40	50	60	
			Gray, sand	1								
55												
60												
65												
70												
75												
80												
85												
90												
95												
100												

SWN 266(C)
22 AUG '62