

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>Corpus Christi Bay</u>			
4. HOLE NO. (As shown on drawing title and file No.) <u>3ST-16</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	
8. DEPTH DRILLED INTO ROCK		9. TOTAL DEPTH OF HOLE <u>54.0</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>3 Jars</u> UNDISTURBED <u>6 Cont</u>		14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER		16. DATE HOLE STARTED <u>25 Apr</u> COMPLETED <u>25 Apr 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	24.5		Water				
24.5	30.0		4-10' rods and 3" ST went to 40', no resistance Gray muck, clayey, w/silt v/soft			Jar 1	
30.0	34.5		4-10' rods, 3" ST and kelly went to 34.5, No resistance Gray clay, mucky, w/silt, v/soft			Cont. 1	
34.5	37.0		4-10' rods, 3" ST and kelly No resistance Gray clay, v/soft, w/silt and shell			Cont. 2	
37.0	39.5		4-10' rods, 3" ST and kelly No resistance Gray, clay, v/soft, shelly @ 39.0			Cont. 3	
39.5	42.0		4-10' rods, 3" ST and kelly Some resistance Gray, clay, shelly w/silt v/soft			Jar 2	
42.0	44.0		5-10' rods, 3" ST and kelly Some resistance Gray, clay, shelly w/silt			Jar 3	
44.0	47.0		Made 2 runs to get recovery Jar 3 continued				
47.0	49.5		5-10' rods, 3" ST and kelly v/little resistance Gray, clay, v/soft, and shelly			Cont. 4	
49.5	52.0		Same as above, v/little resistance, v/soft and shelly			Cont. 5	
52.0	54.0		55" rods, 3" ST and kelly some resistance Gray clay, v/soft, and shelly			Cont. 6	
			Bottom Tide +2.3 @ 4:30 PM Wind 18-24 MPH				

Port of New Orleans Corps of Engineers
Waterway

LOG OF BORING NO. 357-16

Time 12:13 @ 4:30 PM

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.
						PLASTIC LIMIT		WATER CONTENT, %		LIQUID LIMIT		
						10	20	30	40	50	60	
5												
10			water									
15												
20												
25			Gray, clay, mucky v/soft									
30			Gray Clay (CH) 176 Mucky									175.5
35	C H		Gray Clay (CH) 83 v/soft		89.9			97.9				87.6
40			Gray, clayey shelly sand (SL) 15-21-99		50.8			+		98.2		84.2
45	S C		53 v/soft v/soft		50.8							75.8
50					14.0							84.6
												79.5

COMPLETION DEPTH 54.0

DEPTH TO WATER

DATE 25 April 53

IN BORING

DATE

Port Gonzales Corpus Christi
Waterway

LOG OF BORING NO. 35T-16

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.		
						PLASTIC LIMIT	WATER CONTENT, %	LIQUID LIMIT			
										0.5	1.0
			SURF. EL.			10	20	30	40	50	60
5	SW				81.9 73.7				40		
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