

DRILLING LOG		DIVISION Southwestern	INSTALLATION Galv Dist, Eng Div		SHEET OF SHEETS	
1. PROJECT Port Aransas-Corpus Christi Waterway			10. SIZE AND TYPE OF BIT			
2. LOCATION (Coordinates or Station)			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY U. S. Army Corps of Engineers			12. MANUFACTURER'S DESIGNATION OF DRILL			
4. HOLE NO. (As shown on drawing title and file number) 3ST-51			13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN DISTURBED 1 Jar UNDISTURBED 4 Cont	
5. NAME OF DRILLER Eck			14. TOTAL NUMBER CORE BOXES			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.			15. ELEVATION GROUND WATER			
7. THICKNESS OF OVERBURDEN			16. DATE HOLE		16. DATE HOLE STARTED 11 May COMPLETED 11 May 1964	
8. DEPTH DRILLED INTO ROCK			17. ELEVATION TOP OF HOLE			
9. TOTAL DEPTH OF HOLE 52.0			18. TOTAL CORE RECOVERY FOR BORING %			
			19. SIGNATURE OF INSPECTOR			

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOV- ERY	BOX OR SAMPLE NO.	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant)
a	b	c	d	e	f	g
0.0	40.0		Water			
40.0	44.0		Black oily redeposited material w/tan, v/fine grained sand, fell under weight of 5 drill rods, 3" ST and Kelly			Jar 1
44.0	46.0		Light tan clay w/sand layers v/stiff			Cont. 1 3.25
46.0	48.0		Light tan clay w/sand layers cemented sandstone and cal nods on bottom, hard			Cont. 2 4.57
48.0	50.0		Same as above, v/stiff			Cont. 3 3.25
50.0	52.0		Same as above, hard			Cont. 4 4.57
			Bottomed Tide 72.0 @ 6:00 AM			

PACCCWW

LOG OF BORING NO. 3ST-46 (71)

TYPE: 3 in. Shelby Tube LOCATION:

DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	SLOWS-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	
40			WATER 40.0'									
			TIDE +2.4 @ 7:00 A.M.									
			DARK GRAY SILTY SAND									
	S		40° - 43°									
			No Resistance, 5 rods									
			Tube & Kelly 0-62-38		43							
			WHITE SILTY SAND									
	M		w/ CAL NOD 43° - 45°									
45												
			LIGHT TAN CLAYEY SILTY SAND	1								
	SM		sandstone nodules	1								
			✓/STIFF 4-56-40	7								
			Light Gray sandy silt									
	M		w/sandstone & calc. nodules									
50			Laminated cemented sand w/ clay seams									
	L		from 49.0' - 51.0'									
			6-43-51									
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