

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-52				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 4 Jars	
5. NAME OF DRILLER Black				14. TOTAL NUMBER CORE BOXES		UNDISTURBED	
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER		16. DATE HOLE 7 May	
7. THICKNESS OF OVERBURDEN				17. ELEVATION TOP OF HOLE		STARTED 7 May 1964	
8. DEPTH DRILLED INTO ROCK				18. TOTAL CORE RECOVERY FOR BORING		COMPLETED 7 May 1964	
9. TOTAL DEPTH OF HOLE 53.0				19. SIGNATURE OF INSPECTOR		%	

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOV- ERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g
0.0	40.0		Water			
40.0	43.0		Dark gray sandy clay, v/soft dropped 3', weight of 5 rods, tube and kelly, no resistance			Jar 1
43.0	43.5		Tan-gray sandy clay w/cal nod			Jar 2
43.5	44.0		Same as below, washed away			No sample
44.0	45.5		White brown clayey sand w/cal mat. 44.0-44.5 44.5-45.0 51 blows 45.0-45.5 50 1/2 blows			Jar 3
45.5	49.0		White brown clayey sand w/cal nod and thin clay seams washed			No recovery
49.0	50.5		Medium sand w/cal nod, tr of clay 49.0-49.5 6 blows 49.5-50.0 27 blows 50.0-50.5 52 blows			Jar 4
50.5	53.0		Same as above, washed but would not push All material from 50.5-53.0 wash freely w/o spudding Bottomed Water 40.0 Tide +2.5 @ 11:15 AM			No recovery

Port Aransas
Corpus Christi
Waterway

LOG OF BORING NO. 35T-52

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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.			+					+	
						10	20	30	40	50	60	
40			Water 40.0 Tide +2.5 @ 11:15 AM									
41	C		Dark Gray Sandy Clay No. Resistance, 5 rods, Lupe & Kelly Calc. nod. 43.0' - 43.5'									
42			0-41-59									
43			0-34-66									
45	S		White & Brown silty sand V/Dense 0-69-31	101								
46	M		Thin clay seams from 44.0' - 45.5'									
47			Calc. nod.									
48			very dense									
50			0-82-18	79								
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COMPLETION DEPTH 530'
DATE 7 May 64

DEPTH TO WATER
IN BORING

DATE