

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-42		13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 3 Jars	
5. NAME OF DRILLER Black				14. TOTAL NUMBER CORE BOXES		UNDISTURBED 2 Cont	
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER			
7. THICKNESS OF OVERBURDEN				16. DATE HOLE		STARTED 6 May	
8. DEPTH DRILLED INTO ROCK				17. ELEVATION TOP OF HOLE		COMPLETED 6 May 1964	
9. TOTAL DEPTH OF HOLE 52.5				18. TOTAL CORE RECOVERY FOR BORING		%	
				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		Gray muck sandy clay Unable to recover, had to catch sample on following run, v/soft weight of 5 rods, tube and Kelly No resistance			Jar 1
43.0	45.5		Light gray clayey sand, medium w/cal nod, stiff			Cont. 1 1.75
45.5	48.0		Tan clayey sand, medium w/cal nod, v/stiff			Cont. 2 3.25
48.0	49.5		Tan sandy clay, cal nod, drove 48.0-48.5 9 blows 48.5-49.0 11 blows 49.0-49.5 16 blows			Jar 2
49.5	51.0		Same as above, washed away			No sample
51.0	52.5		Tan sandy clay w/cal nod drove 51.0-51.5 8 blows 51.5-52.0 16 blows 52.0-52.5 35 blows			Jar 3
			Bottomed Water 40.0 Tide 2.2 @ 11:30 AM			

Port Aransas
Corpus Christi
Waterway

LOG OF BORING NO. 35T-42

(67)

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				+	
			water 40.0'									
			Tide + 2.2' @ 11:30 AM									
40	C	H	Gray sandy clay									
			No Resistance, 5 rods, tube & Kelly									
			0-22-78									
45	C	L	Light Gray sandy clay, stiff	97								
			calc. nod.									
			0-14-64									
	S		Tan clayey sand	109								
			v. stiff									
			calc nod									
	C		L.S. = 6.0	27								
			0-52-48									
50												
	C	L	Tan sandy clay	51								
			hard									
			calc. nod									
			0-26-74									

Gray Sandy Clay (CH)
94 v. soft

54 70

Gray Sandy Clay (CL)
27 stiff, w/calc nod

Tan Clayey Sand (SC)
15 v. stiff, w/calc nod

Tan Sandy Clay (CL)
19 Hard, w/calc nod

COMPLETION DEPTH 52.5
DATE 6 MAY 64

DEPTH TO WATER
IN BORING

DATE