

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-56				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 4 Jars	UNDISTURBED 2 Cont
5. NAME OF DRILLER Eck				14. TOTAL NUMBER CORE BOXES			
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		18. TOTAL CORE RECOVERY FOR BORING %	
8. DEPTH DRILLED INTO ROCK				19. SIGNATURE OF INSPECTOR			
9. TOTAL DEPTH OF HOLE 54.0							

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	42.0		Dark gray silty mucky clay v/soft, wet, w/ oyster shell sample from following run		Jar 1	
42.0	44.0		Same as above sampled at face weight of 3 rods, cube and Kelly		Jar 2	
44.0	45.5		Dark gray sand w/small shell 44.0-44.5 No blows 44.5-45.0 3 blows/loose 45.0-45.5 5 blows		Jar 3	
45.5	48.0		Washed, same as above as below, no recovery		No sample	
48.0	49.5		Dark gray fine sand w/small shell and cal nod		No sample	
49.5	50.0		Washed, same as above 49.5-50.0 8 blows		Jar 4	
50.0	52.0		Light gray clay w/med grain sand layers, hard		Cont. 1	4.5
52.0	54.0		Light gray clay, washed away		Cont. 2	4.5
54.0	55.0		Bottomed Water 40.0 Tide 2.3 @ 5:00 PM		Cont. 1	4.5
55.0	56.0		Washed, sand tan, no recovery			
56.0	57.5		Cal nod, chalky cal nod shell, occ, black quartz, gravel cemented sand w/clay blunder to 57.4 57.0-57.5 11 blows 57.5-58.0 13 blows 58.0-58.5 40 blows		Jar 4	
			Bottomed Water 40.0 Tide 2.3 @ 7:00 AM			

Port Aransas
Corpus Christi
water way

LOG OF BORING NO. 35T-57

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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 +2.0 @ 6:00 AM									
	M		Black sandy silt oily									
	L											
			0-43-57									
45	C		Light TAN clay, w/ sand layers									
	L											
			TAN sandy clay, clayey sand w/ layer of cemented sandstone 8-51-41	115								
	S											
	C		Calc Nods									
50												
	C		TAN sandy clay calc. nod. v. stiff 5-28-57	110								
	H											

oily
Black Sandy Silt (ML)
62 V/Stiff

Tan Clay (CL)
Stiff

clayey sand
Tan Sandy Clay (SC)
11 Stiff to V/Stiff
w/ cemented sandstone
layers

Tan Sandy Clay (CH)
15 V/Stiff

COMPLETION DEPTH 52.0'
DATE 11 MAY 64

DEPTH TO WATER
IN BORING

DATE