

DRILLING LOG		DIVISION Southwestern		INSTALLATION Galv Dist, Eng IV		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) Tide #2.3 @5:00 PM			
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-32				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 1 Jar	
5. NAME OF DRILLER Eck				14. TOTAL NUMBER CORE BOXES		UNDISTURBED 5 Cont	
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER		16. DATE HOLE STARTED 4 May COMPLETED 4 May 1964	
7. THICKNESS OF OVERBURDEN				17. ELEVATION TOP OF HOLE			
8. DEPTH DRILLED INTO ROCK				18. TOTAL CORE RECOVERY FOR BORING %			
9. TOTAL DEPTH OF HOLE 52.0				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	42.0		Black oily clay v/soft wet			Jar 1	
			40.0-41.7 Gray clay				
42.0	44.0		Light tan clay w/traces of sand, small cal nod v/stiff			Cont. 1	3.0
44.0	46.0		Light tan clay cal nod hard			Cont. 2	4.5
46.0	48.0		Dark tan clay w/sandstreak and cal nod, hard			Cont. 3	4.25
48.0	50.0		Dark tan clay w/sand streak hard			Cont. 4	4.5
50.0	52.0		Tan clay, hard			Cont. 5	4.5
			Bottomed				

Port Aransas
Corpus Christi
Waterway

LOG OF BORING NO. 35T-27
Tide 1.8 @ 5:45 AM

52

TYPE: 3" Shelby Tube

LOCATION:

DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	BLOWS PER FT.	UNIT DRY WT. LBS./CU FT.	POCKET PENETROMETER TONS / 50. 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 39.0									
40	C		Black mucky Sandy clay w/shell frag. V/Soft (liquid)									
	L											
45	S		White & Gray silty sand w/shell fragments									
	M											
	G		L.S.-0.0 2-86-12									
	C		Gray clayey sandy Gravel									
	SC		L.S.-16.0 53-23-24									
	SM		Gray clay silty gravelly sand									
	C		L.S.-3.0 15-72-13									
			Gray sandy clay									
50			L.S.-5.0 0-35-65	91								
	S		Gray clayey gravelly sand									
	C		sandstone & cala. nodules									
	SC		L.S.-10.0 32-51-17									

Black Mucky Sandy Clay (CL)
179 V/Soft

Gray Silty Sand
24 w/shell frag

Gray Clayey Sandy Gravel (GC)
18

Gray Sandy Clay (CL)
23 V/Soft

Gray clayey Gravelly Sand (SC)
130 w/s.s. & cala. nodules

COMPLETION DEPTH 52.0
DATE 7 MAY 64

DEPTH TO WATER
IN BORING

DATE

57

LOCATION:

DATE _____