

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-47	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 1 Jar	UNDISTURBED 6 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 STARTED 6 May COMPLETED 6 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 54.0			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 redeposited material to 41.5 Light tan clay w/sand 41.5-42.0			Jar 1
42.0	44.0		Light tan clay w/sand layered cal nod, stiff			Cont. 1 1.25
44.0	46.0		Light tan clay w/silt layers v/stiff			Cont. 2 3.25
46.0	48.0		Tan clay w/silt layers, v/stiff			Cont. 3 2.25
48.0	50.0		Light tan clay w/silt layers v/stiff			Cont. 4 3.0
50.0	52.0		Light tan clay w/silt layers and cal nod, some cemented sandstone, hard			Cont. 5 4.57
52.0	54.0		Same as above, v/stiff			Cont. 6 3.0
			Bottomed Water 40.0 Tide +2.8 @ 1:15 PM			

PORT AVANZADO
corpus christi
waterway

LOG OF BORING NO. 35T-47

72

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 + 3.8 @ 1:15 PM									
40	S		BLACK OILY REDEPOSIT									
	M		Tan SILTY SAND 41 ⁵ -42 ³									
			LS=20 0-64-36									
	C		LIGHT TAN SANDY	1								
	L		CLAY w/CAL. NODS.	0								
			HARD 0-25-75	2								
	C		LIGHT TAN SANDY	1								
45	H		CLAY STIFF	0								
			0-27-73	3								
	C		TAN SANDY CLAY	9								
	L		1/2 STIFF	8								
			LS=10.0 0-49-51									
	C		LIGHT TAN SANDY	1								
	H		CLAY HARD	5								
50			3-35-62									
	C		LIGHT TAN SANDY	1								
	L		CLAY w/CAL. NODS.	1								
			0-46-54	6								
			HARD									
55												

Tan Sandy Clay (CL)
22 1/2 STIFF to Hard

w/cemented
sandstone

COMPLETION DEPTH
DATE

DEPTH TO WATER
IN BORING

DATE