

DRILLING LOG		DIVISION Southwestern	INSTALLATION Galv Dist, Eng v		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-22	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 5 Jars	UNDISTURBED 2 Cont
5. NAME OF DRILLER Black			14. TOTAL NUMBER CORE BOXES			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.			15. ELEVATION GROUND WATER			
7. THICKNESS OF OVERBURDEN			16. DATE HOLE		STARTED 1 May	COMPLETED 1 May 1964
8. DEPTH DRILLED INTO ROCK			17. ELEVATION TOP OF HOLE			
9. TOTAL DEPTH OF HOLE 52.0			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	35.0		Water			
35.0	36.0		No recovery, same as below			
36.0	38.0		Dark gray and black clay v/soft, wet			Jar 1
38.0	40.0		Dark gray silt w/fine sand and shell			Jar 2
40.0	42.0		Gray fine sand w/shell and small amount of clay			Jar 3
42.0	44.0		Same as above			Jar 4
44.0	46.0		Fine small gravel			Jar 5
46.0	48.0		Small gravel cemented w/sand and clay, hard			Cont. 1 4.5'
48.0	50.0		No recovery, same as above			
50.0	52.0		Small gravel w/sandstone cal nod, held together w/clay and sand, hard			Cont. 2 4.5'
			Bottomed The fact that there were no drive test has been noted and called to the Driller's attention.			

PORT ARANSAS
CORPUS CHRISTI
WATERWAY

LOG OF BORING NO. 357-22

47

TYPE:

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 35.0'									
35	C		Black soupy clay									
	L											
			Gray Clayey Gravelly Sand									
40	S		L.S.=7.0 16-58-16									
	C											
			L.S.=11.0 17-54-29									
44	G		L.S.=11.0 19-57-24									
	M		Gray Silty Sandy Gravel									
45			43-34-23									
			Tan Clayey Gravelly Sand									
			cemented sand, hard									
	S		L.S.=5.0 23-52-25									
	C		Samples Crumbled									
			No Densities									
50			sandstone & calcareous nodules									
			L.S.=7.0 35-36-29									
55												

COMPLETION DEPTH 52.0'

DATE 1 May 64

DEPTH TO WATER IN BORING.

DATE