

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>			1. PROJECT <u>Viola Ship Channel</u>		SHEET <u> </u> OF <u> </u>	
DRILLING LOG			2. LOCATION (Coordinates or Station) <u>Corpus Christi, Sta 1515+00 90' N. centerline</u>			
4. HOLE NO. (As shown on drawing title and file No.) <u>3ST-11</u>			3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL <u> </u>			7. THICKNESS OF OVERBURDEN <u> </u>		8. DEPTH DRILLED INTO ROCK <u> </u>	
10. SIZE AND TYPE OF BIT <u> </u>			11. DATUM FOR ELEVATION SHOWN (TBM or MSL) <u> </u>		9. TOTAL DEPTH OF HOLE <u>47.0</u>	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED <u> </u> UNDISTURBED <u> </u>			14. TOTAL NO. CORE BOXES <u> </u>		15. ELEV. GROUND WATER <u> </u>	
17. ELEV. TOP OF HOLE <u> </u>			18. TOTAL CORE RECOVERY FOR BORING (%) <u> </u>		16. DATE HOLE STARTED <u>28 Dec</u> COMPLETED <u>28 Dec 1961</u>	
19. SIGNATURE OF INSPECTOR <u> </u>						
ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOVERY	BOX OR SAMPLE NO.	REMARKS (drilling time, water loss, depth of weathering, etc., if significant)
0.0	8.3		Water			
8.3	10.0		Gray sandy clay soft w/shell			Cont. 1 0.25
10.0	13.0		Gray sandy clay soft w/some shell			Cont. 2 0.25
13.0	15.0		Same as above			Washed
15.0	17.0		Gray sandy clay soft w/shell w/clay pockets			Cont. 3 0.25
17.0	20.0		Same as above			Washed
20.0	22.0		Gray sandy clay plastic w/shell			Cont. 4 0.75
22.0	25.0		Same as above w/some cemented sand nod			Washed
25.0	27.0		Gray sandy clay v/soft w/some shell w/some cemented sand nod			Cont. 5 0.0
27.0	30.5		Gray silty sand w/sandy clay layers w/some shell, w/some cemented sand nod			Washed
30.5	32.0		Gray silty sand w/small gravel w/some cemented sand nod 30.5-31.0 No count 31.0-31.5 11 blows 31.5-32.0 14 blows			Jar 1
32.0	35.0		Same as above			Washed
35.0	36.5		Gray sandy gravel w/some sandstone nod 35.0-35.5 No count 35.5-36.0 16 blows 36.0-36.5 20 blows			Jar 2
36.5	39.5		Same as above			Washed
39.5	41.5		Light gray clay hard w/some cemented sand nod			Cont. 6 4.00
41.5	45.0		Same as above			Washed
45.0	47.0		Light gray clay hard w/cemented sand nod w/silty sand pockets w/some gravel			Cont. 7 4.50+
Bottomed in above Weight of hammer 140# Drop Distance - 30" Tide gage 1.8 @ 8:35 AM Tide gage 1.5 @ 4:00 PM						