

DEPARTMENT OF THE ARMY				1. PROJECT Viola Channel		SHEET OF	
DIVISION <u>Southwestern</u>				2. LOCATION (Coordinates or Station) centerline			
INSTALLATION <u>Calv Dist, Eng Div</u>				Corpus Christi Sta. 1535/00 110' N			
DRILLING LOG				3. DRILLING AGENCY U. S. Army Corps of Engineers			
4. HOLE NO. (As shown on drawing title and file No.) 3ST-15				5. NAME OF DRILLER			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL				7. THICKNESS OF OVERBURDEN		8. DEPTH DRILLED INTO ROCK	
						9. TOTAL DEPTH OF HOLE 47.0	
10. SIZE AND TYPE OF BIT				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		12. MANUFACTURER'S DESIGNATION OF DRILL	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED UNDISTURBED				14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
						16. DATE HOLE STARTED COMPLETED 13 Dec 1961	
17. ELEV. TOP OF HOLE				18. TOTAL CORE RECOVERY FOR BORING (%)		19. SIGNATURE OF INSPECTOR	
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	10.0		Water Tide gage 2.7 @ 8:50-AM				
10.0	12.0		Gray silty sand v/soft w/shell Tide gage 2.3 @ 3:25 PM			Cont. 1	0.00
12.0	15.0		Washed, same as above Tide gage 2.1 @ 9:15 AM				
15.0	17.0		Gray sandy clay w/some shell No test tube went to bottom of test avg wt			Jar 1	
17.0	20.0		Washed, same as above				
20.0	22.0		Gray sandy clay v/soft w/some shell			Cont. 2	0.0
22.0	25.0		Washed, same as above				
25.0	27.0		First 0.5 same as above Gray silty sand med grained w/some shell,			Washed sample Jar 2	
27.0	30.0		Washed same as above			No sample	
30.0	31.5		Gray silty sand med grained w/pea gravel washed sample 30.0-30.5 No count 30.5-31.0 43 blows 31.0-31.5 46 blows			Jar 3	
31.5	34.5		Washed, same as above				
34.5	36.0		Gray silty sand med grained w/gravel w/clay pockets 34.5-35.0 No count 35.0-35.5 5 blows 35.5-36.0 9 blows			Jar 4	
36.0	37.0		Washed, Gray silty sand w/gravel - No recovery 36.0-36.5 17 blows 36.5-37.0 15 blows			Jar 5	
37.0	40.0		Washed				
40.0	42.0		Washed, gray silty sand				
42.0	43.5		Light gray silty sand med grained 42.0-42.5 No count 42.5-43.0 35 blows 43.0-43.5 80 blows			Jar 6	
43.5	45.5		Washed, same as above			No sample	
45.5	47.0		Light gray silty sand w/clay pockets w/gravel 45.4-46.0 No count 46.0-46.5 32 blows 46.5-47.0 67 blows			Jar 7	