

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galveston District</u> DRILLING LOG			1. PROJECT <u>Viola Channel</u>		SHEET <u>1</u> OF	
4. HOLE NO. (As shown on drawing title and file No.) <u>3ST-21</u>			2. LOCATION (Coordinates or Station) <u>Sta 1561/50 148' N L</u>			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			7. THICKNESS OF OVER-BURDEN		8. DEPTH DRILLED INTO ROCK	
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			14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
17. ELEV. TOP OF HOLE			18. TOTAL CORE RECOVERY FOR BORING (%)		19. SIGNATURE OF INSPECTOR	
16. DATE HOLE STARTED <u>26 Jan</u> COMPLETED <u>26 Jan 62</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	2.5		Gray sandy clay medium			Cont #1 .50
2.5	5.0		Silty sand very soft clay			Cont #2
5.0	7.5		Silty clayey sand w/broken shell particles			Jar #1
7.5	10.0		Silty clayey sand w/shell particles			Jar #2
10.0	12.5		Silty clayey sand w/shell particles			Cont #3
12.5	15.0		Wash, same as above			No sample
15.0	17.5		Stiff green sandy clay, w/gray silty sand seams			Cont #4 1.75
17.5	20.0		Stiff green sandy clay			Cont #5 2.00
20.0	22.5		Same as below			No sample
22.5	24.5		23.0-23.5 12 blows 23.5-24.0 14 blows gray silty sand, some small gravel & clayey sand			Jar #3
24.5	27.0		Clayey sand gray, green thin layers of silty sand stiff			Cont #6 3.00
27.0	30.0		Wash, same as above			No sample
30.0	32.5		Layers of brown & gray silty sand & gray & brown sandy clay w/cal nod.			Cont #7 4.00
32.5	35.0		Wash, same as above			No sample
35.0	37.5		Same as above			Cont #8 4.50
37.5	41.5		Same as above w/sandstone nodules			Cont #9 4.50
41.5	44.0		Wash, same as above			No sample
44.0	46.0		Hard packed gray silty sand w/small gravel			Jar #4
46.0	47.0					No sample
47.0	49.0		47.5-48.0 14 blows 48.0-48.5 19 blows from as above w/small gravel to hard brown & gray sandy clay at 47.5			Jar #5
Bottom at 49.0 Water @ 5.5' Weight of Hammer 140#, Drop Distance 30"						