

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>		
		2. LOCATION (Coordinates or Station) <u>Sta. 1505/00 83.0 N centerline</u>				
DRILLING LOG 4. HOLE NO. (As shown on drawing title and file No.) 3ST-9		3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>				
		5. NAME OF DRILLER <u>Ross</u>				
6. DIRECTION OF HOLE		7. THICKNESS OF OVERBURDEN		8. DEPTH DRILLED INTO ROCK		
<input type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED DEGREES WITH VERTICAL				9. TOTAL DEPTH OF HOLE <u>46.5</u>		
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		14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER		
DISTURBED		UNDISTURBED		16. DATE HOLE		
				STARTED <u>2 Jan</u> COMPLETED <u>2 Jan 1962</u>		
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	9.3 11.0		Water			
11.0	14.0		Gray silty sand plastic w/shell w/some clay			Cont. 1 0.50
14.0	13.3 15.0		Same as above			Washed
15.0	17.0		Gray sandy clay v/soft w/shell No test 1 blow drove tube 0.7' 2nd blow drove tube below 17'			Jar 1
17.0	20.0		Same as above			Washed
20.0	22.0		Gray sandy clay soft w/shell w/silty sand pockets			Cont. 2 0.25
22.0	23.3 25.0		Same as above			Washed
25.0	27.0		Gray silty sand v/soft w/some clay pockets w/shell w/some gravel			Cont. 3 0.0
27.0	30.0		Same as above			Washed
30.0	32.0		Gray silty sand coarse grained w/gravel washed sample No recovery 30.0-30.5 No count 30.5-31.0 3 blows 31.0-31.5 4 blows 31.5-32.0 No count			Jar 2
32.0	35.0		Same as above			Washed
35.0	37.0		Gray silty sand med grained w/gravel Washed sample No test 100 blows penetrated less than 0.5'			Jar 3
37.0	40.0		Gray silty sand w/gravel w/some sandstone nod w/some clay balls			Washed
40.0	41.5		Light gray clay hard w/silty sand layers w/caliche and cal nod 40.0-40.5 No count 40.5-41.0 48 blows 41.0-41.5 79 blows			Jar 4
41.5	45.0		Same as above			Washed
45.0	44.8 46.5		Light gray hard w/sandy clay pockets w/caliche and cal nod 45.0-45.5 No count 45.5-46.0 25 blows 46.0-46.5 42 blows			Tide gage 0.2 9:30 AM Tide gage 1.3 4:50 PM
			Hole bottomed in above			
			Weight of hammer 140# Drop Distance = 30"			