

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>			1. PROJECT <u>Viola Ship Channel</u>		SHEET OF	
DRILLING LOG			2. LOCATION (coordinates or Station) <u>230' N. of centerline Sta. 1545+00</u>			
4. HOLE NO. (As shown on drawing title and file No.) <u>3ST-17</u>			3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			5. NAME OF DRILLER <u>Ross</u>		7. THICKNESS OF OVER-BURDEN	
10. SIZE AND TYPE OF BIT			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		8. DEPTH DRILLED INTO ROCK	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED UNDISTURBED			14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
17. ELEV. TOP OF HOLE			18. TOTAL CORE RECOVERY FOR BORING (%)		16. DATE HOLE STARTED 8 Dec COMPLETED 8 Dec 1961	
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	4.5		Water			
4.5	8.0		Gray silty sand v/soft med grained w/shell			Cont. 1 0.0
8.0	10.0		Washed same as above			No sample
10.0	12.0		Gray sandy clay v/soft w/shell No test 1 blow drove tube past test			Jar 1
10.0	15.0		Washed, same as above			No sample
15.0	17.0		Gray sandy clay v/soft w/shell No test 1 blow drove tube past test			Jar 2
17.0	20.0		Washed, same as above			No sample
20.0	22.0		Gray sandy clay soft w/shell			Cont. 2 0.25
22.0	25.0		Washed, same as above			No sample
25.0	27.0		Light gray sandy clay soft bottom 0.5 ft. gray silty sand coarse grained			Cont. 3 0.25
27.0	30.0		Washed, same as above			No sample
30.0	32.0		Gray silty sand w/pea gravel w/shell No recovery washed sample 30.0-30.5 No count 30.5-31.0 5 blows 31.0-31.5 11 blows 31.5-32.0 No count			Jar 3
32.0	35.0		Washed, same as above			No sample
35.0	36.5		35.0-35.5 No count 35.5-36.0 16 blows 36.0-36.5 19 blows Gray silty sand w/pea gravel some clay at bottom of sample			Jar 4
36.5	40.0		Washed light gray sandy clay w/cemented sand layers			No sample
40.0	41.5		Light gray sandy clay v/stiff w/cemented sand layers			Cont. 4 3.00
41.5	45.5		Washed, same as above			No sample
45.5	47.5		Light gray sandy clay hard w/cemented sand layers			Cont. 5 4.50
Bottomed in above Tide gage 3.7 @ 8:15 AM Tide gage 2.6 at 4:15 P.M. Water depth 4.5						