

**DIVISION**  
**DEPARTMENT OF THE ARMY**  
**Western**  
**Salveston District**

**INSTALL DRILLING LOG**  
Shown on drawing (Title and File No.)

**DIRECTION OF HOLE**  
 INCLINED     DEGREES WITH VERTICAL

**TYPE OF BIT**    **11. DATUM FOR ELEVATION SHOWN (TBM or MSL)**

**13. OVERBURDEN SAMPLES TAKEN**  
 UNDISTURBED

**14. TOTAL NO. CORE BOXES**

**15. ELEV. GROUND WATER**

**16. DATE HOLE STARTED**    **17. COMPLETED**  
 22 Jan    22 Jan 62

**1. PROJECT**  
 Viola Channel

**2. LOCATION (Coordinates or Station)**  
 Sta 1484+00 150' N E

**3. DRILLING AGENCY**  
 U. S. Army Corps of Engineers

**5. NAME OF DRILLER**  
 Smith

**7. THICKNESS OF OVERBURDEN**    **8. DEPTH DRILLED INTO ROCK**    **9. TOTAL DEPTH OF HOLE** 54.5'

**12. MANUFACTURER'S DESIGNATION OF DRILL**

**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	2.5		Fine brown & gray silty sand w/sandy cl. parts & grass roots			Jar #1
2.5	5.5		Same as above			No sample
5.5	8.0		Fine gray & brown silty sand w/sandy cl. parts			Jar #2
8.0	10.0		8.5-9.0 6 blows 9.0-9.5 7 blows Fine damp brown silty cl sand			Jar #3
10.0	12.5		Same as above			Cont #1
12.5	15.0		Fine light brown wet silty sand			Jar #4
15.0	18.0		Same as above			No sample
18.0	20.0		18.5-19.0 17 blows 19.0-19.5 20 blows Very fine gray silty sand w/thin layers of hard sandy cl.			Jar #5
20.0	21.5		Same as above			No sample
21.5	24.0		Fine gray silty sand with layers (0.5) of hard gray cl. sand w/cal nod			Cont #2    4.50
24.0	27.0		Wash, same as above			No sample
27.0	29.5		Very fine gray silty cl. sand, Hard packed			Cont #3
29.5	31.0		Same as above			No sample
31.0	32.5		31.5-32.0 35 blows 32.0-32.5 76 blows Very fine hard packed gray silty sand			Jar #6
32.5	35.0		Same as above			No sample
35.0	37.0		Very fine gray silty sand Hard packed			Cont #4
37.0	38.0		Same as above			No sample
38.0	40.0		38.5-39.0 42 blows 39.0-39.5 75 blows Hard packed gray silty sand w/thin cemented sand seams			Jar #7

DEPARTMENT OF THE ARMY		1. PROJECT <b>Viola Channel</b>		SHEET <b>2F</b>
DIVISION _____		2. LOCATION (Coordinates or Station)		
INSTALLATION _____		3. DRILLING AGENCY		
<b>DRILLING LOG</b>		5. NAME OF DRILLER		
4. HOLE NO. (As shown on drawing title and file No.)		7. THICKNESS OF OVER-BURDEN		
6. DIRECTION OF HOLE		8. DEPTH DRILLED INTO ROCK	9. TOTAL DEPTH OF HOLE	
<input type="checkbox"/> VERTICAL	<input type="checkbox"/> INCLINED	DEGREES WITH VERTICAL		
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	16. DATE HOLE
DISTURBED		UNDISTURBED	STARTED	COMPLETED
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)
40.0	43.0		Wash, same as above			No sample
43.0	45.0		Very fine gray silty sand			Jar #8
45.0	47.0		45.5-46.0 29 blows 46.0-46.5 39 blows Very fine gray silty sand w/thin layers of Cl. sand & Cal nod.			Jar #9
47.0	50.0		Wash, same as above			No sample
50.0	52.0		50.5-51.0 14 blows 51.0-51.5 15 blows Very fine gray silty sand			Jar #10
52.0	53.0		Wash, same as above			No sample
53.0	54.5		Same as above with layers (0.5) of hard Cl. sand & cal. nod.			Cont #5
			Bottom at 54.5' Weight of hammer 140# Drop distance 30" Water at 13.0'			