

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galveston District</u>			1. PROJECT <u>Channel to Viola</u>		SHEET 1 OF	
DRILLING LOG			2. LOCATION (Coordinates or Station) <u>Sta 1475+00 130' N Q</u>			
4. HOLE NO. (As shown on drawing title and file No.) <u>3ST-3</u>			3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>			
5. NAME OF DRILLER <u>Smith</u>			6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			
7. THICKNESS OF OVERBURDEN			8. DEPTH DRILLED INTO ROCK		9. TOTAL DEPTH OF HOLE <u>52.5'</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 DISTURBED			14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
16. DATE HOLE STARTED <u>20 Jan</u> COMPLETED <u>20 Jan 62</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	2.5		Brown & gray silty Cl. sand w/grass roots			Jar #1
2.5	13.0		Very loose packed silty Cl. sand w/decayed veg. No resistance to push			No sample
13.0	15.0		13.5-14.0 5 blows 14.0-14.5 9 blows Fine brown & gray silty Cl. sand w/decayed veg.			Jar #2
15.0	18.0		Med brown & gray silty sand w/some small gravels			No sample
18.0	20.0		Same as above			Cont #1
20.0	25.0		Same as above			No sample
25.0	27.5		Very stiff gray Cl. sand w/cal nod			Cont #2 3.75
27.5	30.0		Hard brown sandy cl. w/sand stone nod.			Cont #3 4.50
30.0	32.5		Same as above			Cont #4 4.50
32.5	35.0		Hard gray sandy Cl w/cal nod.			Cont #5 4.50
35.0	38.0		Fine to med. gray hard packed sand w/cal nod.			No sample
38.0	40.0		Med. gray silty cl. sand w/cal nod			Jar #3
40.0	42.5		Hard gray sandy cl. w/cal nod			Cont #6 4.50
42.5	44.0		Hard gray Cl. sand w/cal nod			Cont #7
44.0	48.0		Hard packed gray silty sand w/cal nod.			No sample
48.0	50.0		48.5-49.0 30 blows 49.0-49.5 70 blows Hard packed gray silty sand			Jar #4
50.0	52.5		Hard packed gray silty Cl. sand w/sandstone nod.			Cont #8
			Bottom at 52.5' Water at 7.0' Weight of Hammer 140# Drop distance 30"			