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DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galveston District</u>				1. PROJECT <u>Viola Channel</u>		SHEET 1 OF	
DRILLING LOG				2. LOCATION (Coordinates or Station) <u>194° N Q</u>			
4. HOLE NO. (As shown on drawing title and file No.) <u>3ST-1</u>				3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>			
5. NAME OF DRILLER <u>Smith</u>				7. THICKNESS OF OVERBURDEN		8. DEPTH DRILLED INTO ROCK	
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED		DEGREES WITH VERTICAL		9. TOTAL DEPTH OF HOLE <u>62.5</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		UNDISTURBED		14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
				16. DATE HOLE STARTED <u>19 Jan</u> COMPLETED <u>19 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		Fine gray & brown silty cl. sand Spoil			Jar #1	
2.5	5.0		Same as above			Jar #2	
5.0	10.0		Wash, same as above				
10.0	12.5		Gray sand, medium to coarse grained w/clay laminae. Spoil material			Cont #1	
12.5	20.0		Wash, same as above				
20.0	22.5		Same as above w/CaCO ₃ nod.			Jar #3	
22.5	28.5		Wash, same as above w/gravel				
28.5	31.0		Greenish gray sandy clay w/alternate sand laminae. Sandy clay hard, sand v/stiff w/cal nod			Cont #2	
31.0	40.0		Wash, same as above				
40.0	41.5		Greenish gray sand packed w/many thin bentonitic clay laminae w/small CaCO ₃ nodules. Could not push past 41.5			Jar #4	
41.5	46.0					No sample	
46.0	48.5		From a very stiff gray sandy cl. to a gray silty cl. sand at 47.0			Cont #3	
48.5	52.5		Hard packed gray silty sand			No sample	
52.5	54.0		Hard packed gray silty sand			Jar #5	
54.0	60.0		Same as above w/some sand stone nod.			No sample	
60.0	62.5		Hard packed gray silty cl. sand w/some cal & sand stone nod.			Cont #4	
Bottomed at 62.5' Water at 12.0' Weight of hammer 140# Drop distance 30"							