

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>			1. PROJECT <u>Matagorda Reservoir Site</u>		SHEET <u> </u> OF <u> </u>	
DRILLING LOG			2. LOCATION (coordinates or Station)			
4. HOLE NO. (As shown on drawing title and file No.) 6ST-7			3. DRILLING AGENCY U. S. Army Corps of Engineers			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			7. THICKNESS OF OVER-BURDEN		8. DEPTH DRILLED INTO ROCK	
10. SIZE AND TYPE OF BIT Shelby Tube - 6"			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		9. TOTAL DEPTH OF HOLE 40.0	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED 7 Jars UNDISTURBED 6 Cont.			14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
17. ELEV. TOP OF HOLE + 10.6			18. TOTAL CORE RECOVERY FOR BORING (%)		16. DATE HOLE STARTED 5 Dec COMPLETED 5 Dec 1963	
19. SIGNATURE OF INSPECTOR			20. SIGNATURE OF DRILLER			
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	2.0		Brown fine silty sand, dry w/roots, clay at bottom med to v/stiff <i>SM</i>			Cont. 1 3.00
2.0	4.0		Tannish, brown clay dry w/fine sand seams, hard			Cont. 2 4.57
4.0	6.0		Brown clay dry and hard <i>CL</i>			Cont. 3 4.57
6.0	8.0		6.0-7.0 Brown clay hard 7.0-8.0 Tan sand v/fine and dry			Cont. 4 4.5
8.0	10.0		Brown w/gray silty sand fine w/thin clay seams, dry			Jar 1
10.0	12.0		10.5-11.0 3 blows <i>SM</i> 11.0-11.5 3 blows Brown w/gray fine silty sand w/clay seams, dry			Jar 2
12.0	14.0		Brown clay w/sand seams and org. mat. moist, med <i>CL</i>			Cont. 5 0.5
14.0	16.0		Bluish, gray sand w/shell frag and clay seam at top w/org. mat. soft			Cont. 6 0.25
16.0	18.0		16.5-17.0 3 blows 17.0-17.5 7 blows Gray silty sand w/shell and org. mat.			Jar 3
18.0	20.0		Washed, same as above			No sample
20.0	21.0		Washed, same as below <i>SM</i>			
21.0	23.0		21.5-22.0 5 blows 22.0-22.5 5 blows Gray silty sand w/org. mat and shell frag			Jar 4
23.0	26.0		Washed, same as above			
26.0	28.0		26.5-27.0 10 blows 27.0-27.5 11 blows Gray fine silty sand			Jar 5
28.0	30.0		Washed, same as above			
30.0	31.0		Washed, same as below			
31.0	33.0		31.5-32.0 12 blows 32.0-32.5 7 blows Gray med sand w/shell frag			Jar 6
33.0	36.0		Washed, same as above			
36.0	40.0		Continued on next page			

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4. HOLE NO. (As shown on drawing title and file No.)			2. LOCATION (Coordinates or Station)			
6. DIRECTION OF HOLE			3. DRILLING AGENCY			
☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			7. THICKNESS OF OVERBURDEN		8. DEPTH DRILLED INTO ROCK	
9. TOTAL DEPTH OF HOLE			5. NAME OF DRILLER			
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			17. ELEV. TOP OF HOLE			
DISTURBED			UNDISTURBED		STARTED COMPLETED	
18. TOTAL CORE RECOVERY FOR BORING (%)			19. SIGNATURE OF INSPECTOR			
ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)		5 CORE RECOVERY	BOX OR SAMPLE NO.
36.0	40.0		Weight of 4-10' rods, hammer and kelly fell 36.0-38.0 38.0-39.0 2 blows <i>cl</i> 39.0-40.0 2 blows Gray sandy clay v/soft w/tr shell Bottom Water 12.0			
						REMARKS (Drilling time, water loss, depth of weathering, etc., if significant)
						Jan 7