

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>			1- PROJECT Matagorda Reservoir Site		SHEET <u> </u> OF <u> </u>	
DRILLING LOG			2- LOCATION (coordinates or Station) Offset 8.0 E on line			
4- HOLE NO. (As shown on drawing title and file No.) 3ST-10			3- DRILLING AGENCY U. S. Army Corps of Engineers			
6- DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			7- THICKNESS OF OVERBURDEN		8- DEPTH DRILLED INTO ROCK	
10- SIZE AND TYPE OF BIT Shelby Type - 3"			11- DATUM FOR ELEVATION SHOWN (TBM or MSL)		9- TOTAL DEPTH OF HOLE 30.0	
13- TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED 6 Jars UNDISTURBED 4 Cont			14- TOTAL NO. CORE BOXES		15- ELEV. GROUND WATER	
17- ELEV. TOP OF HOLE +17.2			18- TOTAL CORE RECOVERY FOR BORING (%)		16- DATE HOLE STARTED 16 Dec COMPLETED 16 Dec 1963	
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		Gray and rust sandy clay w/grass roots, med to hard			Cont. 1 Top 0.5 Bottom 4.5
2.5	5.0		Tan w/gray sandy clay hard w/tr cal nod			Cont. 2 4.5
5.0	7.5		Same as above, hard			Cont. 3 4.5
7.5	10.0		Tan sandy silt w/sandstone nod, med			Cont. 4 0.75
10.0	12.5		Tan fine sandy silt w/tr sandstone, nod, saturated			Jar 1
12.5	15.0		12.5-13.5 washed 13.5-14.0 5 blows 14.0-14.5 6 blows Tan sandy silt w/thin clay seams			Jar 2
15.0	18.0		Washed, same as above			
18.0	20.0		18.5-19.0 9 blows Tan fine, silty sand 19.0-19.5 Fine silty sand w/clay seam			Jar 3
20.0	22.5		Tan v/fine silty sand w/thin clay seam			Jar 4
22.5	25.0		22.5-23.0 Washed 23.0-24.0 15 blows fine silty sand w/hard clay seam 24.0-24.5 16 blows tan fine silty sand			Jar 5
25.0	28.0		Washed			
28.0	30.0		28.5-29.0 19 blows 29.0-29.5 26 blows Fine tan silty sand w/thin sandy clay seam			Jar 6
			Bottom Water 9.0 Weight of hammer 140# Drop Distance - 30"			