

DEPARTMENT OF THE ARMY DIVISION <u>Southwestern</u> INSTALLATION <u>Galv Dist, Eng Div</u>			1. PROJECT <u>Matagorda Reservoir Site</u>		SHEET <u>OF</u>		
DRILLING LOG			2. LOCATION (Coordinates or Station) <u>NBay City, Texas</u>				
4. HOLE NO. (As shown on drawing title and file No.) 6ST-5			3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>				
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED			7. THICKNESS OF OVERBURDEN		8. DEPTH DRILLED INTO ROCK		
10. SIZE AND TYPE OF BIT <u>Shelby Tube - 6"</u>			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		9. TOTAL DEPTH OF HOLE <u>75.0</u>		
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED <u>4 Jars</u> UNDISTURBED <u>19 Cont</u>		14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER		16. DATE HOLE STARTED <u>17 Dec</u> COMPLETED <u>19 Dec 1963</u>	
17. ELEV. TOP OF HOLE <u>+10.8</u>		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	2.0		Brown silty clay w/roots topsoil med, sandy at 2.0			Cont. 1 0.5	
2.0	4.0		Brown silty sand, w/tr clay			Jar 1	
4.0	6.0		Brown fine silty sand, dry			Jar 2	
6.0	8.0		6.0-7.0 8 blows, same as above 7.0-7.5 8 blows, fine sand w/hard clay seams, clay at bottom			Jar 3	
8.0	10.0		Brown clay hard			Cont. 2 4.5	
10.0	12.0		Brown clay w/tr org. mat. moist and stiff			Cont. 3 Top 1.75 Bottom 1.25	
12.0	14.0		Brown w/gray clay, stiff w/tr org. mat.			Cont. 4 1.50	
14.0	16.0		Same as above to 15.0 15.0-16.0 Gray clayey sand med			Cont. 5 Top 1.5 Bottom 0.5	
16.0	18.0		Gray sandy clay v/soft w/tr shell			Cont. 6 0.0	
18.0	20.0		Tan w/gray sandy silty clay soft to stiff			Cont. 7 Top 0.25 Bottom 1.75	
20.0	22.0		Tan clay and silt layered stiff to v/stiff			Cont. 8 Top 1.0 Bottom 2.25	
22.0	24.0		Tan clay v/stiff			Cont. 9 3.5	
24.0	26.0		Same as above, v/stiff			Cont. 10 3.0	
26.0	28.0		Tan clay v/stiff			Cont. 11 2.75	
28.0	30.0		Same as above, v/stiff			Cont. 12 2.5	
30.0	32.0		Tan clay w/sand and silt pockets at bottom v/stiff to stiff			Cont. 13 Top 2.25 Bottom 1.75	
32.0	34.0		Tan clay v/stiff w/fine sand pockets			Cont. 14 3.25	
34.0	36.0		Tan silty clay w/fine sand seams, stiff to v/stiff			Cont. 15 Top 1.0 Bottom 2.5	
continued on next page							

DEPARTMENT OF THE ARMY			1. PROJECT		SHEET OF	
DIVISION _____			Matagorda Reservoir Site			
INSTALLATION _____			2. LOCATION (Coordinates or Station)			
DRILLING LOG			3. DRILLING AGENCY			
4. HOLE NO. (As shown on drawing title and file No.)			5. NAME OF DRILLER			
6. DIRECTION OF HOLE			7. THICKNESS OF OVERBURDEN		8. DEPTH DRILLED INTO ROCK	
☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL					9. TOTAL DEPTH OF HOLE	
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)
36.0	38.0		Tan clay v/stiff w/thin silt seams			Cont. 16 3.0
38.0	40.0		Fishtail, same as above			No sample
40.0	46.0		Fishtail and wash, v/stiff clay and silt layered			No sample
46.0	48.0		Gray w/brown clay v/stiff w/tr embedded shell			Cont. 17 3.25
48.0	50.0		Fishtail same as above			No sample
50.0	56.0		Fishtail and washed same as below			No sample
56.0	58.0		Gray w/brown clay v/stiff w/cal nod			Cont. 18 3.5
58.0	60.0		Fishtail same as above			No sample
60.0	66.0		Fishtail, gray and brown clay w/silt seams			No sample
66.0	68.0		Gray and rust clay v/stiff tr org. mat.			Cont. 19 2.0
68.0	70.0		Fishtail, same as above w/silt			No sample
70.0	73.0		Fishtail, same as below silty clay			No sample
73.0	75.0		Brown and gray silty sandy clay, sand at bottom tr sandstone nod			Jar 4
			Bottom Water 4.0			