

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)			
4. HOLE NO. (As shown on drawing title and file No.) <u>6ST-6</u>			3. DRILLING AGENCY <u>U. S. Army Corps of Engineers</u>			
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL			7. THICKNESS OF OVERBURDEN		8. DEPTH DRILLED INTO ROCK	
10. SIZE AND TYPE OF BIT <u>Shelby tube - 8 1/2"</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>3 Jars</u> UNDISTURBED <u>35 Cont.</u>			14. TOTAL NO. CORE BOXES		15. ELEV. GROUND WATER	
17. ELEV. TOP OF HOLE <u>+ 11.7</u>			18. TOTAL CORE RECOVERY FOR BORING (%)		16. DATE HOLE STARTED <u>6 Dec 63</u> COMPLETED <u>11 Dec 63</u>	
19. SIGNATURE OF INSPECTOR			20. REMARKS (Drilling time, water loss, depth of weathering, etc., if significant)			
ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOVERY	BOX OR SAMPLE NO.	REMARKS
0.0	2.0		L. tan, v/fine, silty sand w/roots, topsoil dry			Jar #1
2.0	4.0		Tan, fine, silty sand, dry	SM		Cont. 1 1.5
4.0	6.0		Same as above, dry			Jar 2
6.0	8.0		Tan, dry, v/sandy silt 6.5 to 7.0 9 blows 7.0 to 7.5 8 blows Hard clay at 8.0	SM		Jar 3
8.0	10.0		Brown clay, hard & dry			Cont. 2 4.5
10.0	12.0		Tannish brown clay, v/stiff	CL		Cont. 3 2.75
12.0	14.0		Brown clay, stiff & moist			Cont. 4 1.25
14.0	16.0		Brown sandy silty clay, soft			Cont. 5 0.25
16.0	18.0		Bluish gray sandy silty clay w/shell frag. v/soft	AL		Cont. 6 0.0
18.0	20.0		Bluish gray sandy clay w/shell frag, soft	SC		Cont. 7 0.25
20.0	22.0		Tan w/gray clay w/silt seams, med to stiff	CL		Cont. 8 Top 0.5 Bottom 1.5
22.0	24.0		Same as above w/sand seams, stiff			Cont. 9 1.75
24.0	26.0		Tan w/gray clay, v/stiff			Cont. 10 2.25
26.0	28.0		Tan w/gray clay, v/stiff			Cont. 11 2.5
28.0	30.0		Tan clay, v/stiff			Cont. 12 2.25
30.0	32.0		Tan clay, v/stiff			Cont. 13 2.75
32.0	34.0		Same as above, v/stiff			Cont. 14 2.5
34.0	36.0		Tan clay, v/stiff w/silt pockets, silt at bottom	CL		Cont. 15 2.0
36.0	38.0		Tan clay w/silt pockets, v/stiff silt layer at top			Cont. 16 2.75
38.0	40.0		Tan clay v/stiff w/silt seams			Cont. 17 3.5
40.0	42.0		Same as above, w/tra embedded shell at bottom, v/stiff			Cont. 18 3.0
42.0	44.0		Tan clay, v/stiff w/thin silt seams			Cont. 19 3.75
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DEPARTMENT OF THE ARMY			1. PROJECT Matagorda Reservoir Site		SHEET OF	
DIVISION _____			2. LOCATION (coordinates or station)			
INSTALLATION _____			3. DRILLING AGENCY			
DRILLING LOG			5. NAME OF DRILLER			
4. HOLE NO. (As shown on drawing title and file No.)			12. MANUFACTURER'S DESIGNATION OF DRILL			
6. DIRECTION OF HOLE			7. THICKNESS OF OVERBURDEN		9. TOTAL DEPTH OF HOLE	
☐ VERTICAL ☐ INCLINED DEGREES WITH VERTICAL						
10. SIZE AND TYPE OF BIT			11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN			14. TOTAL NO. CORE BOXES		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)
44.0	46.0		Tan w/gray clay, v/stiff w/silt seam at bottom			Top 3.0 Cont. 20 Bottom 2.5
46.0	48.0		Gray w/tan clay, v/stiff w/embedded shell			Cont. 21 2.25
48.0	50.0		Gray clay w/stiff w/tra sand			Cont. 22 2.75
50.0	52.0		Gray & rust sandy clay, v/stiff			Cont. 23 3.75
52.0	54.0		Same as above, v/stiff			Cont. 24 3.5
54.0	56.0		Gray and rust sandy clay, v/stiff w/tra cal. nod.			Cont. 25 3.75
56.0	58.0		Gray and rust clayey sand w/cal. nod., v/stiff			Cont. 26 3.0
58.0	60.0		Same as above, hard			Cont. 27 4.5
60.0	61.0		Gray and rust sandy clay, hard w/cal. nod.			Cont. 28 4.5
61.0	63.0		Gray and tan sandy clay, hard w/silty sand seam			Cont. 29 Bottom 4.0
63.0	65.0		Tan and gray sandy clay, hard w/sand pockets			Cont. 30 4.5
65.0	67.0		Tan w/gray clay, hard w/tra, cal. nod.			Cont. 31 4.5
67.0	69.0		Tan and gray clay, hard w/sand pockets & cal. nod.			Cont. 32 4.5
69.0	71.0		Same as above, hard			Cont. 33 4.5
71.0	73.0		Tan clay w/silt seams & silt layer at bottom, hard to stiff			Top 4.5 Cont. 34 Bottom 2.5
73.0	75.0		Tan w/gray clayey silt w/sandstone nod, stiff			Cont. 35 Top 1.75 Bottom 1.0
			Bottomed at 75.0 Water 11.5'			