TRINITY RIVER
WALLISVILLE DAMSITE

TEST DATA SUMMARY

Sheet 4 of 10

FEATURE LOG OF SOIL BORINGS

TABLE I

BORING NO.	SAMPLE NO.	DEPTH OR ELEV. OF SAMPLE	MECHANICAL ANALYSIS GRAVEL %	SAND %	FINES %	O/M	ATTERBERG LIMITS LL	PL	BAR L.S. %	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS./CU.FT.	LABORATORY CLASSIFICATION
35T-4 (cont)	58-	10.0										
	Sample Lost				Driller's Classification							G, SiSa, v/soft, Sat. ~~ML~~ SM
		20.0										
	Bottomed @ 20.0' in G, SiSa, saturated											
	Water level 10.5' above ground surface.											
65T-5	58-	0.0										
	1676		0	2	98	1.5	53.5		18.0	35.0	82.9	D, Cl(CH), w/veg. st.
		2.5										
	1677					1.3	—		—	40.4	38 76.1	D, Cl(CH), w/veg. st.
		5.0										
	1678		0	5	95	0.6	71.2		24.0	49.9	70.8	Bl-B, Cl(CH), pl.
		7.5										
	1679		0	31	69	0.2	41.9		10.0	49.8	72.6	G, SaCl(CL), v/so.
		10.0	0-10.78									
	1680		0	88	12	0.3	—		0.0	19.7	90.9	G, SiSa(SM), so.
		12.5										
	1681					—	—		—	25.6	—	G, SiSa(SM), so.
		16.5										
	1682		2	78	20	—	—		1.0	20.2	—	G, SiSa(SM), so., w/shell
		20.0										
	1683					0.9	—		—	16.4	20 113.1	G, SiSa(SM), med. dense, w/shell
		23.0										
	1684		0	10	90	4.5*	31.4		14.0	14.8	115.4	L, Cl(CL), Hd
		26.0										
	1685		0	34	66	1.2	—		4.0	19.2	108.7	O-G, SaCl(CL-ML), st. CL
		29.0										
	1686					4.3	—		—	17.2	114.0	G-T, SaCl(CL), hd
		31.5										
	1687		0	40	60	4.5	26.2		7.0	16.0	115.9	G-T, SaCl(CL), hd
		33.5										
	1688 T		3	29	68	2.7	40.2		16.0	19.3	108.4	T, SaCl(CL), w/shell, v/st.
		34.5										
	1688 B		0	40	60	4.5	26.7		7.0	15.7	17 115.1	G, SaCl(CL), hd
		35.5										
	1689					4.0	—		—	25.9	102.4	MoHT-G, Cl(CH), Hd, SL
		37.5										
	1690		0	1	99	4.5	63.2		25.0	25.3	107.0	MoHT-G, Cl(CH), Hd, SL
		39.5										
	1691					4.5	—		—	25.0	101.0	MoHT-G, Cl(CH), Hd, SL.
		41.5										
	1692					4.5*	—		—	20.9	105.0	T-Bl, Cl(CH), v/Hd. w/chalk
		43.5										
	1693					4.5*				23.0	102.6	T-Bl, Cl(CH), v/Hd. w/chalk
		45.0										
	1694		0	1	99	4.5*	58.6		21.5	25.8	100.5	T-Bl, Cl(CH), v/Hd. w/chalk
		46.5										
	1695					3.5	—		—	28.2	93.3	T-Bl, Cl(CH), v/Hd. w/chalk
		48.5										

* Laboratory Penetrometer Readings

GD FORM 053-R
23 AUG. 56

TRINITY RIVER
WALLISVILLE DAM SITE

TEST DATA SUMMARY

FEATURE LOG OF SOIL BORINGS

TABLE 1

BORING NO.	SAMPLE NO.	DEPTH OR ELEV. OF SAMPLE	MECHANICAL ANALYSIS GRAVEL %	SAND %	FINES %	* %	ATTERBERG LIMITS LL	PL	BAR L.S. %	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS./CU.FT.	LABORATORY CLASSIFICATION
GST-5 (cont)	SB-1696	48.5				4.3	—		—	25.7	99.0	T-Bl, Cl (CH), v/Hd, w/chalk
		50.0										
	1697		0	0	100	4.0	74.7		24.0	27.6	94.7	T-Bl, Cl (CH), v/Hd, w/chalk
		52.0										
	1698					3.9	—		—	30.0	94.9	T-G, Cl (CH), v/st, SL.
		54.5										
	1699		0	3	97	3.5	70.8		25.0	26.3	100.6	T-G, Cl (CH), v/st., SL.
		56.5										
	1700					3.1	—		—	25.4	102.1	T-G, Cl (CH), v/st., SL.
		59.0										
	1701		0	4	96	2.8	51.2		22.0	22.6	110.0	Bl, SaCl (CL), v/st.
		61.0										
	1702		0	7	93	3.1	37.0		15.0	18.8	116.2	T-Bl, Cl (CL), v/st.
		63.0										
	1703		0	26	74	2.5	—		—	18.4	116.1	Bl, Cl (CL), v/st.
		65.0										
	1704		0	44	56	1.5	21.0		4.5	17.4	119.8	Bl-L, SiSa (SM), dense
		67.0										
	1705					—	—		—	20.6	—	Bl-L, SiSa (SM), so.
		77.0	0-0-58									
	1706		0	58	42	—	—		1.0	22.3	—	Bl-L, SiSa (SM), so.
		82.0										
	1707					—	—		—	22.3	—	Bl-L, SiSa (SM), so.
		87.0										
	1708		0	24	76	1.7			3.5	19.7	—	Bl-L, SiSa (SM), dense
		90.0										
	1709					1.9	—		—	16.6	118.7	Bl-L, SiSa (SM), dense
		93.0										
		Bottomed @ 93.0' in Bl-L, SiSa (SM), dense										
		Water level @ 4.0'										
GST-6		BORING NOT DRILLED										
GST-7	SB-886	0.0	0-2-52									
			0	54	46	—	—		1.0	12.9	—	Br, SiSa (SM), v/so., Lo.
		2.0										
	887					3.6	—		—	18.4	100.1	R-T, SaCl (CL), v/st
		4.0										
	888		0	40	60	4.2	28.7		6.0	16.0	111.3	R-T, SaCl (CL), Hd
		5.5										
	889		0	46	54	3.9	—		3.5	16.8	111.5	Y-O, SaSi (ML), v/st.
		7.0	0-0-96									
	890		0	96	4	—	—		—	3.3	—	Y-T, Sa (SP), so., Lo.
		13.0										

*- Laboratory Penetrometer Readings

TRINITY RIVER
WALLISVILLE AND MOSS BLUFF SITES

BORING NO	SAMPLE DEPTH FT	DISTRICT SERIAL NO	DENSITY DATA M.C. %	UDW pcf	LAB. PENT.	L.L.	BAR L.S.	SIEVE ANALYSIS Gr	Sa	Fines	UNCONFINED COMPRESSION TEST DATA Max.Stress	Strain	CLASSIFICATION
6ST-3A	0.0- 2.0	58-1672	51.9	67.9	0.4	71.7	19.0	0	3	97	0.49	7.06	D, Si(OH),(organic silt) w/veg.so.
	2.0- 4.0	58-1673	34.8	87.4	0.8	50.1	19.0	0	6	94	0.46	7.06	D, Cl(CH), w/veg. Pl
6ST-5	59.0-61.0	58-1701	22.6	110.0	2.8	51.2	22.0	0	4	96	2.38	9.41	Bl,Cl(CH), v/st
	61.0-63.0	58-1702	18.8	116.2	3.1	37.0	15.0	0	7	93	3.05	10.00	T-Bl,Cl(CL), v/st
	63.0-65.0	58-1703	18.4	116.1	2.5	25.9	9.0	0	26	74	1.57	10.00	Bl-L, SaCl(CL), v/st
	65.0-67.0	58-1704	17.4	119.8	1.5	21.0	4.5	0	44	56	1.10	5.29	Bl-L, SaCl(CL), dense
	87.0-90.0	58-1708	19.7	112.1	1.7	N.0	3.5	0	24	76	1.03	3.53	Bl-L, SaCl(CL-ML)dense
6ST-7	40.0-42.0	58-895	27.0	98.0	3.9	68.3	22.0	0	2	98	2.92	2.94	Moll-T-G, Cl(CH), v/st
6ST-28	24.0-26.0	58-1734	18.7	111.2	2.8	24.9	7.5	0	10	90	1.77	10.00	G, Cl(CL), v/st
	26.0-28.0	58-1735	18.0	111.3	2.1	23.6	6.0	0	10	90	1.72	8.24	G, Cl(CL), v/st
	28.0-30.0	58-1736	17.9	110.8	2.8	24.6	6.0	0	11	89	1.01	6.59	G,Cl(CL), v/st
6ST-29	6.5- 9.0	58-1748	48.1	73.5	0.3	42.9	12.0	0	8	92	0.15	9.41	Cl(CL)
	43.0-45.0	58-1755	32.6	89.4	-	34.4	10.0	0	27	73	0.47	9.41	D, SaCl(CL)
	48.0-49.0	58-1758	26.3	99.8	3.6	67.8	22.5	0	2	98	4.19	4.71	T-G, Cl(CH), v/st
	49.0-50.0	58-1759	24.3	101.9	4.2	61.5	23.0	0	5	95	4.03	5.88	T-G, Cl(CH), hd
6ST-6ST-31	17.5-20.0	58-1768	21.3	106.4	3.5	49.9	21.0	0	6	94	3.61	4.71	R-T-G, Cl(CL), v/st

District Laboratory Report No. 741

HOLE NO. 6ST-5

DEPARTMENT OF THE ARMY
DIVISION Southwestern
INSTALLATION Galv Dist, Eng Div

DRILLING LOG

1. PROJECT: Wallisville Dam, Trinity River
SHEET OF
2. LOCATION (Coordinates or Station)
3. DRILLING AGENCY: Corps of Engineers
4. HOLE NO. (As shown on drawing title and file No.): 6ST-5
5. NAME OF DRILLER: O. A. Thornton
6. DIRECTION OF HOLE: [X] VERTICAL [ ] INCLINED; DEGREES WITH VERTICAL
7. THICKNESS OF OVER-BURDEN
8. DEPTH DRILLED INTO ROCK
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: Failing 36
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN: DISTURBED; UNDISTURBED
14. TOTAL NO. CORE BOXES
15. ELEV. GROUND WATER
16. DATE HOLE: STARTED 7 Apr 58; COMPLETED 25 Apr 58
17. ELEV. TOP OF HOLE: 2.0 Est.
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		Dark clay, stiff			Cont. 1	1.25
2.5	5.0		Dark clay, stiff			Cont. 2	1.25
5.0	7.5		Dark gray clay, plastic			Cont. 3	0.50
7.5	10.0		Dark gray silty sand, soft fine water bearing			Cont. 4	0.25
10.0	12.5		Gray water sand, soft med fine			Cont. 5	0.25
12.5	16.5		Gray water sand, soft med fine			Jar 1	
16.5	20.0		Gray water sand, w/shell coarse			Jar 2	
20.0	23.0		Gray water sand, w/shell coarse			Cont. 6	0.50
23.0	26.0		Light gray clay sand, v/stiff			Cont. 7	2.00
26.0	29.0		Gray-tan clay sand, plastic			Cont. 8	0.75
29.0	31.5		Tan-gray clay sand, v/stiff			Cont. 9	3.50
31.5	33.5		Tan-gray clay sand, v/stiff			Cont. 10	3.25
33.5	35.5		Tan sandy clay v/stiff w/shell			Cont. 11	3.50
35.5	37.5		Gray tan clay hard w/tr nodules			Cont. 12	4.50+
37.5	39.5		Gray-tan clay, v/stiff			Cont. 13	3.50
39.5	41.5		Tan-gray clay, v/stiff			Cont. 14	3.50
41.5	43.5		Tan-gray v/stiff sandy clay			Cont. 15	3.00
43.5	45.0		Tan-gray clay v/stiff			Cont. 16	3.75
45.0	46.5		Gray-tan clay, hard			Cont. 17	4.50+
46.5	48.5		Same as above			Cont. 18	4.00
48.5	50.0		Same as above			Cont. 19	4.50+
50.0	52.0		Gray-tan clay hard,			Cont. 20	4.25
52.0	54.5		Tan-clay v/stiff			Cont. 21	3.50
54.5	56.5		Gray-tan clay hard			Cont. 22	4.50+
56.5	59.0		Tan-gray clay v/stiff, tr of nodules			Cont. 23	3.00
59.0	61.0		Gray sandy clay v/stiff			Cont. 24	3.00
61.0	63.0		Gray clayey sand, v/stiff			Cont. 25	3.00
63.0	65.0		Same as above			Cont. 26	2.00
65.0	67.0		Gray water sand, plastic			Cont. 27	0.50

HOLE NO. 6ST-5 (Cont'd)

DEPARTMENT OF THE ARMY

DIVISION

INSTALLATION

DRILLING LOG

1. PROJECT: Wallisville Dam, Trinity River

SHEET OF

2. LOCATION (Coordinates or Station)

3. DRILLING AGENCY

4. HOLE NO. (As shown on drawing title and file No.)

5. NAME OF DRILLER: O. A. Thornton

6. DIRECTION OF HOLE: ☐ VERTICAL ☐ INCLINED — DEGREES WITH VERTICAL

7. THICKNESS OF OVER-BURDEN

8. DEPTH DRILLED INTO ROCK

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 — DISTURBED — UNDISTURBED

14. TOTAL NO. CORE BOXES

15. ELEV. GROUND WATER

16. DATE HOLE — STARTED 7 Apr 59 — COMPLETED 25 Apr 58

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)
	67.0-77.0		Light gray water sand, w/rotten wood tr/shell slightly clayey soft			Jar 3 0.25
	77.0-82.0		Light gray water sand soft fine slightly silty			Jar 4 0.25
	82.0-87.0		Same as above			Jar 5 0.25
	87.0-90.0		Light gray sand, stiff			Cont. 28 1.00
	90.0-93.0		Light gray sand, v/stiff			Cont. 30 2.25
			Bottomed at 93.0' in above			