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 DAM SITE

TEST DATA SUMMARY

FEATURE LOG OF SOIL BORINGS

TABLE I

BORING NO.	SAMPLE NO.	DEPTH OR ELEV. OF SAMPLE	MECHANICAL ANALYSIS GRAVEL %	SAND %	FINES %	D* %	ATTERBERG LIMITS LL	PL	BAR L.S. %	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS./CU.FT.	LABORATORY CLASSIFICATION
GST-7	58-891	13.0	0	0-2-96 / 98	2	—	—		—	22.9	—	T, Sa (SP), sat'd., so.
	892	18.0	0	0-25-73 / 98	2	—	—		—	26.3	—	T, Sa (SP), sat'd., so.
	893	28.0	0	0-2-97 / 99	1	—	—		—	26.2	—	T, Sa (SP), sat'd., so.
	894	31.0	0	0-9-89 / 98	2	—	—		—	22.4	24 —	T, Sa (SP), sat'd., so.
	895	40.0	0	2	98	3.9	—		—	27.0	98.0	MoH T-G, Cl (CH), v/st.
	896	42.0	0	1	99	3.5	66.1		23.0	25.8	26 98.8	MoH T-G, Cl (CH), v/st.
		44.0										
		Bottomed @ 44.0' in Mott T-G, Cl (CH), v/st.										
		Water bearing sand @ 13.5'										
GST-8	58-873	0.0	0	0-2-48 / 50	50	3.3	—		3.0	14.5	107.6	Dk Br, SaSi (ML), w/shell, v/st.
	874	2.5	0	0-1-50 / 51	49	3.1	—		6.0	15.7	110.2	O-T, ClSa (SC), firm
	875	4.5	0	42	58	4.0	—		4.0	15.4	110.2	T, SaCl (CL-ML), hd
	876	7.0				2.0	—		—	16.7	16 108.7	T, SaCl (CL-ML), v/st.
	877	10.0	0	0-2-75 / 77	23	—	—		0.5	26.8	—	T, Si Sa (SM), sat'd., so.
	878	15.0	0	0-0-88 / 88	12	—	—		0.0	30.8	—	T, Si Sa (SM), sat'd., so.
	879	22.0	0	0-0-80 / 80	20	—	—		0.0	30.0	29 —	T, Si Sa (SM), sat'd., so.
	880	31.3				3.8	—		—	21.9	105.9	MoH T-G, Cl (CL), v/st.
	881	33.0	0	13	87	4.5+	46.3		18.5	19.3	21 110.1	MoH T-G, Cl (CL), Hd.
		35.0										
		Bottomed @ 35.0' in MoH T-G, Cl (CL), Hd.										
		Water level @ 8.0'										
GST-9	58-897	0.0	28	55	17	3.0	—		—	7.8	124.7	L, Gr Cl Sa (SC), w/shell, firm
	898	2.0	0	23	77	3.7	55.7		20.0	27.1	96.8	R-G, SaCl (CH), v/st.
	899	4.0				2.9	—		—	23.2	102.1	Gn-T-G, Cl (CL), v/st.
		6.0										

*- 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

SWDN-B-752

Corps of Engineers
ENGINEERING DIVISION
FOUNDATIONS AND PAVING
GALVESTON TEXAS

Project: Wallisville Dam **Site:** Trinity River

County, near: Wallisville, Texas

LOG OF SOIL BORING

BORING NO. 6ST-7 **STA. NO.** _____

Type of Drill: Shelby Tube **Size of Drill:** 6"

Elevation Datum 14.5 (Estimated)

Made By: O. A. Thornton **Date:** 4 April 1958

Number of Samples Taken: _____ **Size of Samples** _____

Depth	Penet. Elevation Reading	Sample No.	Classification	Remarks
0.0-2.0		Jar 1	Dark gray sandy topsoil	
2.0-4.0	2.25	Cont. 1	Tan clay-sand, v/stiff	
4.0-5.5	3.50	Cont. 2	Tan clay-sand, v/stiff	
5.5-7.0	2.50	Cont. 3	Tan clay-sand, v/stiff	
7.0-13.5		Jar 2	Tan sand, loosely packed dry	
13.5-17.0		Jar 3	Tan water sand, loose, v/fine	
17.0-28.0		Jar 4	Tan water sand, loosely packed coarse	
28.0-31.0		Jar 5	Tan water sand, loosely packed coarse	
31.0-40.0		Jar 6	Tan water sand, loosely packed, v/fine	
40.0-42.0	3.50	Cont. 4	Gray, tan clay, v/stiff	
42.0-44.0	3.50	Cont. 5	Gray, tan clay, v/stiff	
	Hole bottomed in gray tan clay, v/stiff at 44.0'			
	Water bearing sand at 13.5'			

Ralph E. Minor
RALPH E. MINOR