TRIAXIAL and Direct Shear

SUMMARY OF ~~UNCONFINED~~ COMPRESSION TEST DATA
on UNDISTURBED SAMPLES

"S" Tests TABLE I

Boring No.	Depth Ft.	Density Data M.C. %	Density Data U.D.W. P.C.F.	Gradation Gr	Gradation Sa	Gradation Fines	L.L.	P.L.	Shear Data Φ	Shear Data C PSF	Classification
83-393	10 - 12	21.7	102		5	95	21	12	33.5	400	Light Grey Sandy Clay (CL), Soft
83-393	14 - 16	27.7	95		39	60	32	16	30.3	500	Grey Sandy Clay (CL), Very Soft
83-387	2 - 4	71.6	56		5	95	81	26	14.0	140	Grey Clay (CH), Soft
83-402	10 - 12	28.9	94		15	65	29	20	29.3	0	Light Grey and Tan Sandy Clay (CL), Soft
						"R"	Tests				
83-387	4 - 6	71.6	57		5	95	61	28	5.0	200	Grey Clay (CH), Very Soft
83-402	8 - 10	23.5	101		34	66	28	18	13.5	480	Grey Silty Clay (CL), Soft
						"Q"	Tests				
83-394	12 - 14	42.3	78		24	76	58	18	0	400	Grey Clay (CH), Soft
83-392	16 - 18	32.7	90	3	57	40	66	21	0	200	Grey Clayey Sand (SC), Very Soft
83-393	12 - 14	22.0	100		29	71	20	14	19.8	720	Grey Sandy Clay (CL), Soft
83-401	10 - 12	33.0	89	1	30	69	52	19	0	400	Grey Clay (CH), Very Soft
83-406	14-16	18.3	104	1	50	49	31	13	13	200	Grey Sandy Clay (CL), Soft

SUMMARY OF UNCONFINED COMPRESSION TEST DATA

WALLISVILLE RESERVOIR

NON-OVERFLOW DAM

Boring No.	Depth Ft.	Density Data M.C. %	Density Data U.D.W. P.C.F.	Gradation Gr	Gradation Sa	Gradation Fines	L.L.	P.L.	% Strain @ Max. Stress	Max. Stress T.S.F.	Classification
378	2-4	25	103	0	19	81	59	22	10.2	1.53	Tan, Red-Brown and Light Gray Clay, Stiff (CH)
381	2-4	32	88	0	25	75	55	23	4.9	.22	Gray and Tan Clay, Soft (CH)
382	2-4	35	84	0	1	99	77	27	3.1	.14	Gray and Tan Clay, Medium (CH)
385	2-4	35	90	0	5	95	50	19	5.5	.36	Gray Clay, (Stiff) (CH)
"	6-8	63	62	0	0	100	73	23	6.8	.37	Gray Clay, Soft (CH)
"	12-14	86	52	0	0	100	90	39	3.1	.22	Gray Clay, Very Soft (CH)
387	6-8	95	60	0	11	89	65	28	4.7	.12	Gray Clay, Very Soft (CH)
"	13-15	84	51	0	0	100	97	38	4.2	.19	Gray Clay, Soft (CH)
390	2-4	46	73	0	2	98	99	36	2.4	.49	Black Clay, (Soft) (CH)
392	2-4	43	80	0	4	96	87	20	5.1	.38	Gray and Tan Clay, Soft (CH)
393	0-2	47	72	0	2	98	91	31	5.4	.43	Gray Clay, Soft (CH)
"	22-24	57	67	0	6	94	76	30	4.0	.23	Gray Clay, Very Soft (CH)
"	34-36	48	80	0	14	86	72	27	6.3	.34	Gray Clay, Very Soft (CH)
395	12-14	61	61	0	21	79	110	27	3.4	.51	Dark Gray & Gray Clay, Med (CH)
"	18-20	65	63	0	12	88	82	27	3.4	.61	Gray Clay, (Stiff) (CH)
400	2-4	45	77	0	1	99	91	33	4.4	1.34	Gray Clay, Stiff (CH)
401	2-4	45	77	0	2	98	89	32	3.8	.60	Gray, Dark Gray & Tan Clay, (Stiff) (CH)
402	4-6	28	101	0	10	90	35	22	14.3	.64	Gray Sandy Clay, Soft (CL)
"	14-16	33	91	—	—	—	56	19	7.9	.22	Gray Clay, Soft (CH)
"	22-24	68	67	0	0	100	85	33	3.0	.21	Gray Clay, Very Soft (CH)
"	26-28	63	68	0	0	100	89	31	3.9	.40	Gray Clay, Very Soft (CH)
405	2-4	32	91	0	9	91	65	20	5.2	.52	Gray & Tan Clay, (Med) (CH)
407	2-4	33	91	0	9	91	56	24	4.8	.28	Gray & Tan Clay, Soft (CH)
410	2-4	35	90	0	5	95	62	32	6.6	.57	Dark Gray & Tan Clay, (Soft) (CH)
412	0-2	37	84	0	4	96	76	26	5.0	.30	Gray & Tan Clay, Soft (CH)
"	22-24	15	62	0	12	88	84	27	6.1	.45	Gray Clay, Soft (CH)
"	30-32	34	90	0	1	99	76	24	7.5	1.74	Gray & Tan Clay, Stiff (CH)

SWGED-FG
SUBJECT: Wallisville Lake, Texas - Staking Request

TO: Soils Design Sec FROM: SWGED-FG DATE: 4 Jan 83 CMT 2
ATTN: John M. Cleveland

Subject request for boring stake-outs has been completed as of this date. The following are coordinates and elevations for the respective borings:

Boring No.	X	Y		Elevation
83-388	3,345,479.92	749,137.59	54+00	1.6
83-389	3,345,935.97	749,300.53	59+00	1.3
83-390	3,346,196.03	749,604.38	63+00	0.9
83-391	3,346,519.00	749,986.08	68+00	1.4
83-392	3,346,841.97	750,367.77	73+00	1.3
83-393	3,347,164.95	750,749.46	78+00	1.5
83-394	3,347,491.45	751,127.89	83+00	1.2
83-395	3,347,953.72	751,272.24	88+00	1.4
83-396	3,348,383.65	751,033.11	93+00	1.0
83-397	3,348,774.08	750,720.76	98+00	1.3
83-398	3,349,140.06	750,382.57	103+00	1.4
83-399	3,349,346.17	749,931.38	108+00	1.3
83-400	3,349,396.10	749,585.03	111+50	1.2
83-401	3,349,462.67	749,089.48	116+50	2.0
83-402	3,349,522.51	748,643.51	121+50	1.5
83-403	3,349,595.80	748,098.38	126+50	1.1
83-404	3,349,662.37	747,602.84	131+50	0.9
83-405	3,349,728.93	747,107.29	136+50	1.1
83-406	3,349,795.50	746,611.74	141+50	0.9
83-407	3,349,862.06	746,116.19	146+50	1.1

DTS FD 24
26 Nov 68