TRIAXIAL and Direct Shear

SUMMARY OF ~~UNCONFINED~~ COMPRESSION TEST DATA
on UNDISTURBED SAMPLES
"S" Tests TABLE

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 P.S.F	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.

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

TO: Soils Design Sec FROM: SWGED-FG DATE: 4 Jan 84 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	STA.	Elevation		
83-368				3.8		
83-369				3.6		
83-370				2.4		
83-371				7.0		
83-372				8.3		
83-373				8.5		
83-374				6.4		
83-375				8.9		
83-376				6.5		
83-377				7.9		
83-378	3,342,098.78	752,430.13	5+00	5.4	✓	5+00 2.7
83-379	3,342,216.23	752,006.10	10+00	8.5	✓	10+00 4.3
83-380	3,342,462.07	751,575.25	15+00	1.9	✓	15+00 1.0
83-381	3,342,760.45	751,309.32	19+00	2.3	✓	1.2
83-382	3,343,141.70	750,985.83	24+00	3.9	✓	1.8
83-383	3,343,522.95	750,662.34	29+00	4.0	✓	2.0
83-384	3,343,904.21	750,338.85	34+00	4.1	✓	2.0
83-385	3,344,285.46	750,015.36	39+00	3.3	✓	1.6
83-386	3,344,666.72	749,691.87	44+00	2.1	✓	1.0
83-387	3,345,047.97	749,368.39	49+00	1.4	✓	

SWG FL 24
26 Nov 68

SUMMARY OF LABORATORY TEST DATA

PROJECT Corp of Engineers/Wallisville
DATE 83-431N

BORING NO.	DEPTH IN FEET	TYPE OF MATERIAL	MOISTURE CONTENT %	DRY DENSITY pcf	ATTERBERG LIMITS LL	PL	PI	COMPRESSION TEST: COMPRESSION tsf	STRAIN %	LATERAL PRESSURE psi	TYPE FAILURE	Sieve Analysis % Passing #4	#10	#40	#200
381 1	0-2	Gray and tan silty clay with roots (CL)	33	82											
2	2-4	Gray and tan clay with sand pockets and organics, slightly sandy (CH)	32	88	55	23	32	.22 .5	4.9	0	SHEAR	-	100	99	75
3	4-6	Gray and tan sandy clay with clay and sand pockets (CL)	30	89				.5							
4	6-8	Light gray and tan sand with clay pockets and partings and seams (SM)	22	92				.5							
	8-9.5	Light gray sand with gray clay pockets (SM)	19												
6	13.5-15	Light gray and gray sandy clay with silty clay pockets (CL)	38									100	99	94	10
	18.5-20	Light gray sand with gray silty clay pockets (SM)	17												
8	23.5-25	Tan and gray sandy clay (CL)	26												
382	0-2	Gray and dark gray silty clay with roots and wood fragments (CL)	31												
	2-4	Gray and tan clay with ferrous nodules, roots and silt partings (CH)	35	84	77	27	50	.74 .5	3.1	0	SHEAR	-	-	100	99
	4-6	Gray and tan silty clay with sand layer (CL)	44	78				.25							
	6-8	Dark gray and gray silty clay with sand layer and organic (CL)	52	65				1.00							
	8.5-10	Gray sandy clay, slightly silty (CL)	30					.5							
	10-12	Gray sandy clay (CL)	28					.5							

SOUTHWESTERN LABORATORIES