SWG Form 267
12 July 1971

GDLR NO 1423

PROJECT: WALLISVILLE LAKE-SLOPE PROTECTION

BORING NO. 72-164

TEST DATA SUMMARY

LOCATION: Mile 5 to 6.5

DATE COMPLETED 4 October 1972

FIELD NO.	Sample Depth, Feet From	Sample Depth, Feet To	CLASSIFICATION / ELEVATION TOP BORING	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY P. c. f.	L.L.	P.L.	Lab Sample No.	BAR L.S.	SIEVE ANALYSIS PERCENT GRVL	SAND	FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
1C	0.0	0.8	Gray Clay 0'-2'	CL	H	4.25		23	*	39	21	2578		0	8	92	50	0	0	0	4
2C	3.0	4.0	Gray Clay w/sand layers 2'-8'	CH	ST	1.25		44	78			2577									
3C	5.0	6.0			ST	1.00		43	76	86	23	2600		0	2	98	50	0	0	0	1
4C	6.8	8.0			M	0.50		38	*			2601									
5C	9.0	10.0	Gray Sandy Clay w/sand layers 8'-10'	CL	S	0.25		44	*	28	19	2602		0	44	56	50	0	0	0	22
6J	10.5	11.5	Gray Silty Sand 10'-14'	SM				30				2603	2	0	72	28	50	0	0	1	36
7C	14.8	16.0	Gray Clay w/sand layers 14'-16'	CH	VS	0.0		74	56	99	25	2604		0	4	96	50	0	0	0	2

* Disturbed

KEY: CONSISTENCY — COHESIVE SOILS: VS Very Soft, S Soft, M Medium, ST Stiff, VST Very Stiff, H Hard
CONSISTENCY — COHESIONLESS SOILS: VL Very Loose, L Loose, M Medium, D Dense, VD Very Dense

(1) Tons/Sq.Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Rtnd ÷ Init. Wt. x 100 = % Rtnd.

BORING NO. 72-164

Bottomed at 16.0' Water at _____ Tide Reading _____

Sheet 1 of sheets 1

BORING LOG
FIELD DATA

x = 3,346,940
y = 751,810

Project WALLISVILLE LAKE - SLOPE PROTECTION Location MILE 5 to 6.5 Date 4 OCTOBER 1972
Drill Rig ARCO 550 #5 Inspector BLACKWELL Operator SMITH Surface elev. +5.4 MSL
Levee District GALVESTON Job No. 1423 Boring No. 72-164

SAMPLE NUMBER	DATE TAKEN 1972	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
1	4 OCT.	0.0		0.0	2.0	0.0	0.8	3" SHELBY TUBE	TUBE	2.50	BROWN, GRAY SANDY CLAY WITH GRASS ROOTS, VERY STIFF.
2				2.0	4.0	3.0	4.0		TUBE	1.00	STIFF.
3			6.0	4.0	6.0	5.0	6.0		TUBE	1.00	
4		6.0	8.0	6.0	8.0	6.8	8.0		TUBE	.25	GRAY CLAY WITH TRACE SAND AND SILT, SOFT.
5		8.0	11.5	8.0	10.0	9.0	10.0		TUBE	.25	GRAY SANDY CLAY, SOFT.
6		11.5	14.0	10.0	12.0	10.5	11.5		JAR	0.0	
		14.0		12.0	14.0	–	–		–	–	GRAY CLAY WITH SAND AND SHELL. NO RECOVERY.
7			16.0	14.0	16.0	14.8	16.0		TUBE	0.0	VERY SOFT.
											TOTAL DEPTH 16.0'
											WATER COMING IN AT 6.0' 3.2' IN 15 MINUTES.

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

Sheet 1 of 1 Sheets

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