SWG Form 267
12 July 1971

GDLR NO 1423

PROJECT: WALLISVILLE LAKE-SLOPE PROTECTION

BORING NO. 72-167

TEST DATA SUMMARY

LOCATION: Mile 5 to 6.5

DATE COMPLETED 6 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
1J	0.0	1.0	Shell w/clay binder, roadbase 0'-4'	SM				6				2621									
2J	1.5	2.0						5				2622		38	43	19	662	252	343	432	537
3J	3.5	4.0						7				2623									
4C	4.8	6.0	Gray Sandy Clay 4'-8'	CH	M	0.75		29	94			2624									
5C	6.8	8.0	calcareous pebbles 4'-6'		ST	1.25		29	98	55	16	2625		0	16	84	50	0	0	0	8
6C	8.8	10.0	Gray Sandy Clay 8'-11.5'	CL	VST	2.00		22	104	33		2626		4	40	56	50	2	3	5	22
7J	11.5	12.0	Brown Sandy Silt 11.5'-13'	ML				19				2627	2	0	48	52	50	0	0	0	24
8C	12.8	14.0	Gray Sandy Clay w/silt layers 13'-16'	CH				21	*			2628									
9C	14.8	16.0						25	96	60	23	2629		0	20	80	50	0	0	0	10

* 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. 72-167

Bottomed at 16.0' Water at _____ Tide Reading _____

Sheet 1 of sheets 1

BORING LOG
FIELD DATA

X = 3,348,740
Y = 752,450

Project WALLISVILLE LAKE - SLOPE PROTECTION Location MILE 5 to 6.5 Date 5 OCTOBER 1972
Drill Rig ARCO 550 #5 Inspector BLACKWELL Operator SMITH Surface elev. +5.0 MSL
Levee District GALVESTON Job No. 1423 Boring No. 72-167

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	5 OCT.	0.0	1.0	0.0	1.0	0.0	1.0	3" SHELBY TUBE	JAR	0.0	SHELL WITH BROWN CLAY.
2		1.0		1.0	2.0	1.5	2.0		JAR	1.50	BROWN ORGANIC CLAY WITH SHELL, STIFF.
3			4.0	2.0	4.0	3.5	4.0		JAR	1.25	
4		4.0		4.0	6.0	4.8	6.0		TUBE	.50	GRAY, BROWN CLAY WITH SHELL
											AND SAND, MEDIUM.
5				6.0	8.0	6.8	8.0		TUBE	1.25	STIFF.
6	6 OCT.		11.5	8.0	10.0	8.8	10.0		TUBE	1.25	
7		11.5		10.0	12.0	11.5	12.0		JAR	1.25	BROWN SAND WITH CLAY LAYERS
			13.0								AND SEAMS, STIFF.
8		13.0		12.0	14.0	12.8	14.0		TUBE	.75	BROWN CLAY WITH SAND SEAMS
											AND POCKETS, MEDIUM.
9			16.0	14.0	16.0	14.8	16.0		TUBE	.25	SOFT
											TOTAL DEPTH 16.0'
											WATER COMING IN AT 10.0'

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

Sheet 1 of 1 Sheets

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