SWG Form 207
12 July 1971

GDLR NO 1423

PROJECT: WALLISVILLE LAKE-SLOPE PROTECTION

BORING NO. 72-158

TEST DATA SUMMARY

LOCATION: Mile 5 to 6.5

DATE COMPLETED 21 September 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
			Water 0.0-0.2'																		
1C	0.8	2.0	Gray Clay 0.2'-6'	CH	S	0.25		57	62			2552									
2C	3.2	4.0	sand lenses 4'-6'		S	0.25		48	71	80	18	2553		0	0	100	50	0	0	0	0
3C	4.8	6.0			S	0.25		32	86			2554									
4C	6.8	8.0	Gray Silty Sand w/shell fragments 6'-10'	SM	M	0.50		24	*			2555									
5C	8.8	10.0			VS	0.0		27	*	22		2556	2.5	0	54	46	50	0	0	0	27
6C	10.8	12.0	Gray Sandy Clay w/shell fragments 10'-16'	CL	VS	0.0		35	*	39	12	2557		0	46	54	50	0	0	0	23
7C	13.0	14.0	sand pockets 14'-16'		VS	0.0		37	82			2558									
8C	14.8	16.0			S	0.25		48	70	49	19	2559		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. 72-158

Bottomed at 16.0' Water at _____ Tide Reading _____

Sheet 1 of sheets 1

BORING LOG
FIELD DATA

X= 3,349,000
y= 749,885

Project WALLISVILLE LAKE - SLOPE PROTECTION Location MILE 5 to 6.5 Date 21 SEPTEMBER 1972
Drill Rig ARCO 550 #5 Inspector BLACKWELL Operator SMITH Surface elev. +1.7
Levee District GALVESTON Job No. 1423 Boring No. 72-158

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
	21 SEPT	0.0	0.2								WATER DEPTH
1		0.2		0.2	2.0	0.8	2.0	3" SHELBY TUBE	TUBE	.25	GRAY ORGANIC CLAY WITH GRASS ROOTS, SOFT.
2			4.0	2.0	4.0	3.2	4.0		TUBE	.25	
3		4.0	6.0	4.0	6.0	4.8	6.0		TUBE	.50	GRAY CLAY WITH SAND SEAMS AND POCKETS, MEDIUM.
4		6.0		6.0	8.0	6.8	8.0		TUBE	0.0	GRAY SAND WITH CLAY AND SHELL, VERY SOFT.
5				8.0	10.0	8.8	10.0		TUBE	.25	SOFT.
6				10.0	12.0	10.8	12.0		TUBE	.25	
7			15.0	12.0	14.0	13.0	14.0		TUBE	0.0	VERY SOFT.
8		15.0	16.0	14.0	16.0	14.8	16.0		TUBE	.25	GRAY CLAYEY SAND, SOFT.
											TOTAL DEPTH 16.0

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

Sheet 1 of 1 Sheets

SWG Form 267
12 July 1971

GDLR NO 1423

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BORING NO. 72-158

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