BORING LOG

Boring No. 35T - 143
Levee District GALVESTON
Job No. 1381

FIELD DATA

Project PORT ARANSAS - CORPUS CHRISTI WATERWAY Location INNER BASIN
Drill Rig ARCO 550 #4 Inspector BLACK Operator SMITH Surface Elev. _____
Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

SAMPLE NUMBER	DATE TAKEN 1971	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %
	18 OCT	0.0	24.5								WATER DEPTH. TIDE +2.0'			
											@ 0830 HOURS.			
1		24.5		24.5	27.0	25.8	27.0	3" SHELBY TUBE	TUBE	0.0	GRAY SANDY CLAY WITH SHELL,			
			30.0	27.0	30.0			FISHTAIL			VERY SOFT.			
2		30.0		30.0	30.5	30.0	31.0	DRIVE SAMPLER	JAR		GRAY SANDY CLAY			
				30.5	31.0						5 BLOWS			
				31.0	31.5						7 BLOWS			
				31.5	32.0									
		32.5	35.0	32.0	35.0			FISHTAIL			GRAY SANDY CLAY WITH SMALL			
											SANDSTONE NODULES.			
3		35.0	40.0	35.0	37.0	35.0	36.0	3" SHELBY TUBE	JAR		GRAY SAND			
		40.0		37.0	45.0			FISHTAIL			BROWN SAND WITH TRACE SHELL.			
4				45.0	45.5	45.0	46.0	DRIVE SAMPLER	JAR					
				45.5	46.0						9 BLOWS			
				46.0	46.5						16 BLOWS			
			47.0	46.5	47.0									
		47.0		47.0	48.0			FISHTAIL			BROWN SAND WITH SHELL.			
5			50.0	48.0	50.0	48.0	49.0	3" SHELBY TUBE	JAR					
6		50.0	52.0	50.0	52.0	50.8	52.0		TUBE	1.50	GRAY SANDY CLAY, STIFF.			
NO WATER TABLE AT											TOTAL DEPTH 52.0'			
WEIGHT OF HAMMER			140 #											
DROP DISTANCE			30 "					DRIVE SAMPLER			2" X 1 3/8" X 24"			

WES Form No. 819
April 1954

Sheet 1 of 1 Sheets

12 July 1971

GDLR NO 1381

PROJECT: Port Aransas-Corpus Christi Waterway

BORING NO. 35T-143

LOCATION: Inner Basin

TEST DATA SUMMARY

DATE COMPLETED Oct. 18, 1971

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. 71	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
1-C	25.8	27	Gray Sandy Clay w/shell fragments 24.5'-35'	CL	VI	0.50		30	92	42		2450		0	44	56	50	0	0	0	22
2-J	30	31			VI		12	24				2451									
3-J	35	36	Grey Silty Sand 35'-45'	SPSM				28				2452	0	0	90	10	50	0	0	0	45
4-J	45	46	Brown Silty Sand w/shell fragments & Calcareous Nods. 45'-48'	SM	D		25	24				2453	0	0	76	24	50	0	0	1	38
5-J	48	49	Brown Clayey Silt w/shell fragments 48'-50'	CL-ML				22		25		2454	3	0	46	54	50	0	0	0	23
6-C	50.8	52	Gray Sandy Silt w/shell fragments 50'-52'	ML	ST	1.00		24	104			2455	0	0	46	54	50	0	0	1	23

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. 35T-143

Bottomed at 52' Water at +24.5' Tide Reading +2' @0830

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