

BORING LOG

Boring No. 35T 147

Levee District GALVESTON

Job No. 1381

FIELD DATA

Project PORT ARANSAS-CORPUS CHRISTI WATERWAY Location INNER BASIN

Drill Rig ARCO 550 Inspector BLACK Operator SMITH Surface Elev. _____
#4

Natural Ground Elev. _____

LABORATORY DATA

Date _____ Classified by _____

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	Natural Ground Elev.	CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %
		FROM	TO	FROM	TO	FROM	TO								
	1 Nov.	0.0	25.5									WATER DEPTH			
												TIDE + 2.0' @ 0830 HOURS			
1		25.5	28.5	25.5	28.0	26.8	28.0	3" SHELBY TUBE	TUBE	0.0		GRAY SANDY CLAY WITH TRACE SHELL, SOFT.			
		28.5		28.0	35.0			FISHTAIL				GRAY SANDY CLAY WITH TRACE CALCAREOUS NODULES.			
			32.0												
2		32.0		35.0	35.5	35.0	36.5	DRIVE SAMPLER	JAR			GRAY SAND, DENSE			
				35.5	36.0							13 BLOWS			
				36.0	36.5							11 BLOWS			
				36.5	37.0										
			40.0	37.0	40.0			FISHTAIL							
3		40.0		40.0	40.5	40.0	41.0	DRIVE SAMPLER	JAR			BROWN SAND WITH SHELL AND SMALL CALCAREOUS NODULES, FIRM			
				40.5	41.0							19 BLOWS			
				41.0	41.5							21 BLOWS			
				41.5	42.0										
			47.0	42.0	47.0										
		47.0	49.0	47.0	50.0							GRAY SAND WITH CLAY LAYERS			
4		49.0	52.0	50.0	52.0	50.8	52.0	3" SHELBY TUBE	TUBE	1.75		GRAY CLAY WITH SAND LAYERS, STIFF.			
WEIGHT OF HAMMER		140 #										TOTAL DEPTH	52.0'		
DROP DISTANCE		30"													

12 July 1971

PROJECT: Port Aransas-Corpus Christi Waterway

LOCATION: Inner Basin

GDLR NO. 1381

BORING NO. 35T-197

TEST DATA SUMMARY

DATE COMPLETED Nov. 1, 1971

FIELD NO.	Sample Depth, Feet		CLASSIFICATION	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							
	From	To												PERCENT			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)			
														GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200
1-C	26.8	28	Gray Sandy Clay w/ shell fragments	CH	S	0.25		41	78	53		2488		0	40	60	50	0	1	1	20
2-J	35	36.5	Gray Silty Sand	SM	D		24	24				2489	1.5	0	86	14	50	0	0	0	43
3-J	40	41	shell fragments		VD		40	18				2490									
4-C	50.8	52	Gray Clay w/ sand layers	CH	VST	2.25		37	86	75		2491		0	2	98	50	0	0	0	1

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

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

Bottomed at 52' Water at 25.5' Tide Reading 2.0' @ 0830

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