BORING LOG

Boring No. 3ST 153
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 %
	17Nov	0.0	17.0								WATER DEPTH			
											TIDE +2.1 @ 1000 HOURS			
1		17.0		17.0	19.0	18.5	19.0	3" SHELBY TUBE	JAR	0.0	GRAY SANDY CLAY WITH SHELL,			
			20.5	19.0	20.5			FISHTAIL						
2		20.5		20.5	22.5	21.1	22.3	3" SHELBY TUBE	TUBE	0.0	CLAYEY SAND WITH CALICHE, VERY			
			26.0	22.5	30.0			FISHTAIL			SOFT.			
3		26.0		30.0	30.5	30.0	31.5	DRIVE SAMPLER	JAR		BROWN SAND WITH TRACE CALICHE, FIRM			
				30.5	31.0						12 BLOWS			
				31.0	31.5						10 BLOWS			
				31.5	32.0									
		33.0	33.0	32.0	40.0			FISHTAIL			BROWN SAND			
			40.0											
4		40.0		40.0	40.5	40.0	41.0	DRIVE SAMPLER	JAR		BROWN SAND WITH SHELL, TRACE CLAY			
				40.5	41.0						18 BLOWS			
				41.0	41.5						12 BLOWS			
				41.5	42.0									
			44.5	42.0	51.0			FISHTAIL						
5		44.5	"	51.0	51.5	51.0	52.5	DRIVE SAMPLER	JAR		GRAY LAYERED CLAY AND SAND			
				51.5	52.0						3 BLOWS			
			—	52.0	52.5						4 BLOWS			
	140	#	53.0	52.5	53.0						TOTAL DEPTH 53.0'			
	30	"									DRIVE SAMPLER			

NO/WATER TABLE/AT _____
WEIGHT OF HAMMER 140 #
DROP DISTANCE 30 "

WES Form No. 819
April 1954

12 July 1971

GDLR NO 1781

PROJECT: Port Aransas-Corpus Christi Waterway

BORING NO. 35T-153

LOCATION: Inner Basin

TEST DATA SUMMARY

DATE COMPLETED Nov 17, 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.	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-J	18.5	19	Gray Clayey Sand 17'-26'	SC				26				2514									
2-C	21.1	22.3	Calcareous Nodules 20.5'-22.5'		S	0.25		25	101	33		2515		0	64	36	50	0	0	1	32
3-J	30	31.5	Brown Silty Sand 26'-44.5'	SM	D		22	22				2516	0	2	82	16	50	1	2	4	42
4-J	40	41	shell fragments 40'-41'		VD		30	21				2517									
5-J	51	53.5	Brown Clayey Sand 44.5'-53'	SC	L		7	33		26		2518		4	46	50	50	2	2	2	25

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-153

Bottomed at 53' Water at 17' Tide Reading +2.1 @1000

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