BORING LOG

Boring No. 3ST 155
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 %
	17 Nov.	0.0	24.0								WATER DEPTH			
											TIDE +2.1' @ 1300 HOURS			
1		24.0		24.0	25.0	24.0	25.0	3" SHELBY TUBE	TUBE	4.5+	GRAY CLAYEY SAND, HARD			
2				25.0	27.0	25.8	27.0		TUBE	3.50	VERY STIFF			
			28.0	27.0	30.0			FISHTAIL						
3		28.0		30.0	30.5	30.0	32.0	DRIVE SAMPLER	JAR		GRAY SAND, DENSE			
				30.5	31.0						14 BLOWS			
				31.0	31.5						18 BLOWS			
				31.5	32.0									
			34.5	32.0	40.0			FISHTAIL						
4		34.5		40.0	40.5	40.0	41.0	DRIVE SAMPLER	JAR		BROWN SAND WITH SHELL, FIRM			
				40.5	41.0						4 BLOWS			
				41.0	41.5						8 BLOWS			
				41.5	42.0									
			48.0	42.0	50.2			FISHTAIL						
5		48.0	52.2	50.2	52.2	51.0	52.2	3" SHELBY TUBE	TUBE	4.00	GRAY LAYERED SAND AND CLAY,			
											VERY STIFF			
NO WATER TABLE AT														
WEIGHT OF HAMMER				140#					TOTAL DEPTH 52.2					
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 1581

PROJECT: Port Aransas-Corpus Christi Waterway

BORING NO. 3ST-155

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. 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	24	25	Gray Clayey Sand 24'-28'	SC	H	1.50+		21	107			2521									
2-C	25.5	27			VST	3.00		19	109			2522		0	78	22	50	0	0	0	39
3-J	30	32	Gray Silty Sand 28'-34.5'	SM	VD		32	20				2523	1.5	0	78	22	50	0	0	0	39
4-J	40	41	Light Silty Sand 34.5'-52.2'		M		12	23				2524	.0	0	70	30	50	0	1	5	35
5-C	51	52.2	shell fragments 40'-42'		VST	2.50		22	107			2525	0.5	0	72	28	50	0	0	0	36

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. 3ST-155

Bottomed at 52.2' Water at 24' Tide Reading +2.1 @1300

Sheet 1 of sheets 1