BORING LOG

Boring No. 3ST 141
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 %
	14 OCT	0.0	24.0								WATER DEPTH			
											TIDE 1.9' @ 0830 HOURS			
1		24.0	33.0	24.0	26.5	25.3	26.5	3" SHELBY TUBE	TUBE	.25	GRAY SANDY CLAY, SOFT.			
		33.0		26.5	35.0			FISHTAIL			GRAY SAND, DENSE			
2				35.0	35.5	35.0	36.0	DRIVE SAMPLER	JAR					
				35.5	36.0						15 BLOWS			
				36.0	36.5						19 BLOWS			
				36.5	37.0									
			42.0	37.0	45.5			FISHTAIL			WASHED			
3		42.0		45.5	46.0	45.5	47.0	DRIVE SAMPLER	JAR		BROWN SAND, DENSE			
				46.0	46.5						19 BLOWS			
				46.5	47.0						25 BLOWS			
			48.0	47.0	47.5									
		48.0	50.0	47.5	50.0			FISHTAIL			BROWN SAND WITH HEAVY SHELL			
											AND FEW CEMENTED SAND NODULES			
4		50.0	52.0	50.0	52.0	50.8	52.0	3" SHELBY TUBE	TUBE	1.50	GRAY TAN SANDY CLAY WITH			
											SHELL, STIFF.			
NO/WATER TABLE/AT														
WEIGHT OF HAMMER		140 #												
DROP DISTANCE		30"									TOTAL DEPTH 52.0'			
DRIVE SAMPLER 2" x 1 3/8" x 24"														

WES Form No. 819
April 1954

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12 July 1971

GDLR NO 1381

PROJECT: Port Aransas Corpus Christi Waterway

TEST DATA SUMMARY

BORING NO. 3ST-141

LOCATION: Inner Basin

DATE COMPLETED Oct. 14, 1971

FIELD NO.	Sample Depth, Feet From	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	WT. INIT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
1-C	25.3	26.5	Gray Clayey Sand w/shell fragments 24'-35'	SC	S	3.25		30	91	39		2446		0	52	48	50	0	0	0	26
2-J	35	36	Gray Silty Sand 35'-50'	SM	VD		34	24				2447	0	0	86	14	50	0	0	0	43
3-J	45.5	47			VD		44	23				2448	0	0	74	26	50	0	0	0	37
4-C	50.8	52	Brown Sandy Clay w/layers & shell fragments 50'-52'	CL	ST	1.50		31	93	36		2449		0	16	84	50	0	0	2	8

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-141

Bottomed at 52' Water at +24' Tide Reading 1.9' @0830

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