

BORING LOG

Boring No. 3ST 138
 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	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	ROCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %	
		FROM	TO	FROM	TO	FROM	TO								
	1971														
	140GT	0.0	34.0								WATER DEPTH				
											TIDE 2.0 @ 0830 HOURS				
1		34.0	36.0	34.0	34.5	34.5	36.0	DRIVE SAMPLER	JAR		GRAY SANDY CLAY, STIFF				
				34.5	35.0						3 BLOWS				
				35.0	35.5						7 BLOWS				
				35.5	36.0										
2		36.0		36.0	38.0	36.5	38.0	3" SHELBY TUBE	JAR		GRAY SAND, LOOSE				
				38.0	40.0			FISHTAIL			WASHED				
3				40.0	40.5	40.0	40.7	DRIVE SAMPLER	JAR						
				40.5	41.0						7 BLOWS				
				41.0	41.5						9 BLOWS				
				41.5	42.0										
				44.0	42.0	45.5		FISHTAIL							
4		44.0		45.5	46.0	45.5	47.0	DRIVE SAMPLER	JAR		BROWN SAND WITH SHELL, FIRM				
	DRIVE SAMPLER 2" X 1 3/8" X 24"			46.0	46.5						9 BLOWS				
	NO/WATER TABLE/AT			46.5	47.0						15 BLOWS				
	WEIGHT OF HAMMER	140#		47.0	47.5										
	DROP DISTANCE	30"		47.5	50.0			FISHTAIL			AS ABOVE WITH SANDSTONE 47.0'				
5				50.0	50.5	50.0	52.0	DRIVE SAMPLER	JAR						
				50.5	51.0						14 BLOWS				
				51.0	51.5						9 BLOWS				
				52.0	51.5	52.0					TOTAL DEPTH 52.0'				

12 July 1971

PROJECT: Port Aransas-Corpus Christi Waterway

LOCATION: Inner Basin

GDLR NO. 138

BORING NO. 3ST-138

TEST DATA SUMMARY

DATE COMPLETED Oct. 19, 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-J	34.5	36	Gray Sandy Clay with calcareous nodules 34'-36'	CL	M		10	22		46			2430		0	44	56	50	0	1	4	22
2-J	36.5	38	Gray Silty Sand 36'-52'	SM				25		23			2431	1.5	0	86	14	50	0	0	0	43
3-J	40	40.7	calcareous nodules 40'-40.7'		M		16	16					2432	0	0	82	18	50	0	0	1	42
4-J	45.5	47	shell fragments 44'-52'		D		24	23					2433	0	0	86	14	50	0	0	1	43
5-J	50	52			D		23	19					2434	0	10	70	20	50	5	7	12	40
																	</					

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

(1) Test 1/4 ft. Unconfined Compressive Strength
 (2) Sp. 18 Barrel Sampler
 (3) Acc. Wt. Rtd ÷ Init. Wt. x 100 = % Rtd.

Bottomed at 52 Water at +34' Tide Reading 2' @ 0830

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