

BORING LOG

Boring No. 3ST-142
 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	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS	CLASSIFICATION	SYMBOL	NAT WC %
		FROM	TO	FROM	TO	FROM	TO							
	29 OCT 1971	0.0	26.7								WATER DEPTH			
											TIDE +2.0' @ 0830 HOURS			
1		26.7		26.7	29.0	27.8	29.0	3" SHELBY TUBE	TUBE	1.00	GRAY SANDY CLAY WITH TRACE SHELL, STIFF			
				29.0	35.0	-	-	FISHTAIL						
2		32.0	36.0	35.0	36.0	35.0	35.8	3" SHELBY TUBE	TUBE	1.00	BROWN GRAY SANDY CLAY, STIFF			
		36.0		36.0	40.0						GRAY SAND			
3				40.0	40.5	40.5	42.5	DRIVE SAMPLER	JAR					
				40.5	41.0						13 BLOWS			
				41.0	41.5						15 BLOWS			
				41.5	42.0									
			48.5	42.0	48.5			FISHTAIL						
4		48.5		48.5	50.0	48.6	49.8	3" SHELBY TUBE	TUBE	2.00	GRAY BROWN SANDY CLAY WITH SHELL AND SMALL CEMENTED SANDSTONE NODULES, VERY STIFF			
			50.0											
5		50.0	52.0	50.0	52.0	50.8	52.0	3" SHELBY TUBE	TUBE	4.25	GRAY BROWN SANDY CLAY, HARD			
NO. WATER TABLE/AT								TOTAL DEPTH		52.0'				
WEIGHT OF HAMMER														
DROP DISTANCE														
DRIVE SAMPLER														

NO. 138 (D)
 17 May 1971

GDLR NO. 138

PROJECT: Port Aransas-Corpus Christi Waterway

BORING NO. 3ST-142

LOCATION: Inner Basin

TEST DATA SUMMARY

DATE COMPLETED 01-29-1971

HOLE 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.	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	27.8	22	Gray Sandy Clay	CL	S	225		33	89	37		2457		0	42	58	50	0	0	0	21
2-C	35.35	28	Brown Clayey Sand	SC	ST	150		19	109			2457	7	0	74	26	50	0	0	0	37
3-J	40.5	42.5	Brown Silty Sand	SM	D		28	25				2458	1	0	78	22	50	0	0	0	37
4-C	48.6	42.8	Gray Clayey Sand Layers	CH	VST	200		31	90	77		2459		0	2	98	100	0	0	0	1
5-C	50.8	52	Brown Sandy Clay	CL	VST	250		21	104	40		2460		0	24	76	50	0	0	0	12

CONSISTENCY - COHESIVE SOILS
 VL L 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. Retd. & Init. Wt. x 100 = % Retd.

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Bottomed at 52 Water at 27.7 Tide Receding