

BORING LOG
FIELD DATA

Project HARBOR ISLAND, PORT ARANSAS, TEXAS
 Drill Rig FALLING 1500 Inspector LANGFORD
 Levee District GALVESTON

Location 2,541,378; 749,235 Date 4 JUNE 1974
 Operator YOUNSEN Surface elev _____
 Job No. _____ Boring No. 74-140

SAMPLE NUMBER	DATE TAKEN 1974	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS	
		FROM	TO	FROM	TO	FROM	TO					
	4 JUN	0.0	94.0								WATER DEPTH 1830 HOURS	
1				0.0	3.0	0.3	1.0	✓	POSTERBERG	TUBE	0.0	GRAY SILTY, SANDY CLAY, VERY
1						1.0	2.0	✓		TUBE		SOFT, VANE SHEAR 0.04 (20)
1						2.0	3.0	✓		TUBE		
				3.0	5.0							WASHED
2				5.0	8.0	6.0	8.0	✓		JAR	0.0	VANE SHEAR 0.04 (20) SLID FROM TUB
				8.0	10.0							WASHED
3				10.0	13.0	10.6	11.0	✓		JAR	0.0	VANE SHEAR 0.08 (40)
3						11.0	12.0	✓		TUBE		
3						12.0	13.0	✓		TUBE		
				13.0	17.0							WASHED
4		20.0	17.0	20.0	17.3	18.0	18.0	✓		TUBE	0.25	SOFT, VANE SHEAR 0.14 (70)
						18.0	19.0	✓		TUBE		
						19.0	20.0	✓		TUBE		
												TOTAL DEPTH 20.0' (114.0')

Sheet 1 of 1 Sheets

Date _____ Classified by _____

[illegible]

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PROJECT: HARBOR ISLAND, PORT ARANSAS, TEXAS

BORING NO. 74-140

LOCATION: _____

TEST DATA SUMMARY

DATE COMPLETED 4 June 1974

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			WT. INIT.	ACC. WT. RTND. SIEVE NO. (3)			
														GRVL	SAND	FINES		No. 4	No. 10	No. 40	No. 200
	0.0	94.0	WATER									79A									
1C	0.3	1.0	Gray Clay	0'-5' CH	VS	0.0	68	58	76	22	1775			0	4	96	50	0	0	0	2
A1C	1.0	2.0	sand pockets 1.2'-2', 2.3'-3'		VS	0.0	58	65	66	22	1776			0	10	90	50	0	0	0	5
B1C	2.0	3.0	shell fragments at 3'		VS	0.0	79	55	69	22	1777			0	4	96	50	0	0	0	2
2J	6.0	8.0	Gray Sandy Clay	5'-10' CL			57		46	17	1778			0	18	82	50	0	0	0	9
3J	10.6	11.0	Gray Clay	10'-20' CH			43		55	19	1779			0	12	88	50	0	0	0	6
A3C	11.0	12.0	sand pockets 10.6'-11'		VS	0.0	51	71	53	18	1780			0	18	82	50	0	0	0	9
B3C	12.0	13.0	sandy 11'-12'		VS	0.0	51	70	56	19	1781			0	10	90	50	0	0	0	5
4C	17.3	18.0	sand layers at 12.5' & 12.9'		VS	0.0	56	68	64	22	1782			0	2	98	50	0	0	0	1
A4C	18.0	19.0	shell fragments at 12.5'		VS	0.0	66	60	81	26	1783			0	0	100	50	0	0	0	0
B4C	19.0	20.0	silt layers at 18.4' & 18.7'		VS	0.0	56	67	71	21	1784			0	4	96	50	0	0	1	2

KEY: CONSISTENCY - COHESIVE SOILS CONSISTENCY - COHESIONLESS SOILS
 VS S H ST VST R VL L H 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. Rtd : Init. Wt. x 100 ÷ 1 Rtd.

BORING NO. 74-140

Bottomed at 20.0' Water at _____ Tide Reading _____

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