PORT ARANSAS - CORPUS CHRISTI
WATERWAY, CHANNEL TO VIOLA

TEST DATA SUMMARY

FEATURE Log of Soil Boring

BORING NO.	SAMPLE NO.	DEPTH OR ELEV OF SAMPLE	LABORATORY CLASSIFICATION	MECHANICAL ANALYSIS: GRAVEL %	SAND %	FINES %	D50	ATTERBERG LIMITS: LL	PI	SPECIFIC GRAVITY G	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS CU FT	COMPACTION DATA: OPTIMUM WATER %	MAXIMUM DRY DENSITY LBS CU FT	SHEAR DATA: INITIAL θ	DRY DENSITY LBS CU FT	W_i %	W_F %	S_i %	TYPE TEST	SPECIMEN SIZE INCHES	TEST	σ_{DB} T/SQ FT	σ_1 T/SQ FT	C T/SQ FT	Ø DEGREES	PERMEABILITY: θ	K FT/MIN	CONSOLIDATION DATA: P_o T/SQ FT	P_c T/SQ FT	C_c	t_{50}	REMARKS
BST-16	61	00.0	= water surface (Elev +2.2 MLT)																														
		39.0												Water																			
	5818		SC	14	43	43			7.0		30.4			White, Clayey Sand (SC)																			
		40.0	SC																														
	5819			0	42	58	4.0	38.8	14.0		20.5	106.5		White, Sandy Clay (CL), Hard																			
		42.0	CL																														
			CL											Drillers Classification Same as Above																			
		45.5																															
	5820		CL	2	22	76	4.0	35.2	13.0		19.2	106.8		White, Sandy Clay (CL), Hard																			
		47.0																															
			Bottomed @ 47.0' Below Surface of Water in white, sandy clay (CL)																														
			Location of Boring: Sta 1540 - On ℄																														
			Tide gage 2.1' @ 10:45 AM & 2.3' @ 4:50 pm																														

* Values at Pressure T/SQ FT

- Triaxial Compression
UC - Unconfined Compression
DS - Direct Shear
UU - Unconsolidated Undrained
-- Consolidated Drained
CU - Consolidated Undrained

⇒ NO Recovery

Port Aransas
Corpus Christi
Waterway

LOG OF BORING NO. 35T-16
Tide +2.0 @ 11:00AM

TYPE: 3" Shelby Tube LOCATION:

DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL (SURF. EL:)	BLOWS PER FT.	UNIT DRY WT. LBS./CU.FT.	POCKET PENETROMETER TONS / SQ. FT. (0.5, 1.0, 1.5, 2.0, 2.5, 3.0) / PLASTIC LIMIT — WATER CONTENT, % (10, 20, 30, 40, 50, 60) — LIQUID LIMIT	ELEVATION FT.
35			Water Depth 37.5				
40	CH		Dark Gray Mucky Clay			127	
	SM		Tan Silty Sand L.S.-0.0 0-7-29		105		
			V/Dense	19			
45			D.C. same as above Sample washed away Jar contained one large piece of sandstone				
	CH		Tan Clay, v/stiff Calcareous Nodules L.S.-26.0 0-3-97		83		
50					81		
					81		
55							

COMPLETION DEPTH 52.0
DATE 30 April '64

DEPTH TO WATER IN BORING

DATE

SWN 266(C)
22 AUG 62