MATAGORDA SHIP CHANNEL
BEACON #19 to MATAGORDA PENINSULA

TEST DATA SUMMARY

FEATURE Log of Soil Boring

BORING NO.	SAMPLE NO.	DEPTH OR ELEV OF SAMPLE	LABORATORY CLASSIFICATION	MECHANICAL ANALYSIS: GRAVEL %	SAND %	FINES %	*	ATTERBERG LIMITS: LL	*	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 e	DRY DENSITY LBS/CU FT	W_i %	W_f %	S_i %	TYPE TEST	SPECIMEN SIZE INCHES	TEST	σ_{3c} T/SQ FT	σ_{1c} T/SQ FT	C T/SQ FT	Ø DEGREES	PERMEABILITY: e	K FT/MIN	CONSOLIDATION DATA: P_o T/SQ FT	P_c T/SQ FT	C_c	t_{50} *	REMARKS
35T-93	61-	0.0 =	Water Surface (Elev. ± 1.5' MLT)																														
			Water																														
		10.0																															
	4721		CL	0	38	62			8.5		57.9				Gray sandy Clay (CL), w/some fine shell																		
		14.0																															
	X										(58)																						
		17.0		0-0-52																													
	4722		SM	0	52	48			0.0		29.0				Tan, silty sand (SM)																		
		19.0																															
	X		SM								(29)				No Drillers Classification, Assumed same as above																		
		23.5																															
	4723		SM	same as 61-4722							28.8				Tan, silty sand (SM), medium dense, w/some shell fragments 3/24 @ 25.0																		
		25.0																															
	X		SM												No Drillers Classification, Assumed same as above																		
		26.5																															
	4724		CH	0	1	98	250	62	20.0		30.6	97.7			Tan, Clay (CH) v/stiff, w/thin sand lense																		
		28.5																															
	X		CH								(31)				No Drillers Classification, Assumed same as above																		
		32.0		0-0-63																													
	4725		SM	0	63	37	100		1.0		24.7	103.3			Tan, silty sand (SM),																		
		34.0																															
	X		SM								(25)				No Drillers Classification, Assumed same as above																		
		40.0																															
	4726		SM	same as 61-4725							25.3	102.2			Tan, silty sand (SM)																		
		42.0																															
	X		SM												No Drillers Classification, Assumed same as above																		
		46.0																															
	4727		CL	0	2	98	100	44	16.0		35.9	88.3			Gray, Clay (CL), medium																		
		47.0									(36)																						
			Bottomed @ a depth of 47.0' below water surface in Boring @ Sta. 494000, 100 NE ℄																														

* Values at Pressure T/SQ FT

Triaxial Compression
UC - Unconfined Compression

DS - Direct Shear
UU - Unconsolidated Undrained

Consolidated Drained
CU - Consolidated Undrained