MATAGORDA SHIP CHANNEL
BEACON # 19 TO

TEST DATA SUMMARY

FEATURE LOG OF SOIL BORING

BORING NO.	SAMPLE NO.	DEPTH OR ELEV OF SAMPLE	LABORATORY CLASSIFICATION	MECHANICAL ANALYSIS: GRAVEL %	SAND %	FINES %	D/A	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 e	DRY DENSITY LBS/CU FT	W_i %	W_F %	S_i %	TYPE TEST	SPECIMEN SIZE INCHES	TEST	σ_{III} T/SQ FT	σ_I 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
351-89	61-	0.0	Water Surface (Elev. + 1.6 MLT)																														
	–		Water																														
		10.0			8.45.7																												
	4684		SC	7	60	33			18.0		49.0																						
		14.0																															
	4685		CL-ML	4	28	68			3.0		29.6																						
		16.0																															
	X		CL-ML																														
		18.0																															
	4686		ML	0	18	82	1.50	23.6	4.0		19.1	111.3																					
		20.0																															
	X		ML								(22)																						
		22.0																															
	4687		ML	same as 61-4686							24.7																						54/22.5'-23.5'
		23.5																															
	X		ML																														
		27.0																															
	4688		SM	same as 61-4689							24.8																						19/27.5'-28.5'
		28.5																															
	X		SM								(25)																						
		32.0																															
	4689		SM	1	0-0-86 86	13			0.0		26.1																						3/32.5'-33.5'
		33.5																															
	X		SM																														
		35.0																															
	4690		CL	1	23	76	1.50	26.4	6.0		(23) 23.3	105.4																					
		37.0																															
	X		SM																														
		40.0																															
	X		SM								(25)																						5/40.5'-41.5'
		41.5																															
	X		SM																														
		45.5			2-2-51																												
	4691		SM	0	55	45			0.0		25.5																						9/46.0-47.0
		47.0																															

Bottomed @ a depth of 47.0' below water surface in Boring @ Sta. 53+000, 100' NE ℄