MATAGORDA SHIP CHANNEL
BEACON #19 TO MATAGORDA
PENINSULA

TEST DATA SUMMARY

FEATURE Log of Soil Borings

BORING NO.	SAMPLE NO.	DEPTH OR ELEV OF SAMPLE	LABORATORY CLASSIFICATION	MECHANICAL ANALYSIS GRAVEL %	SAND %	FINES %	B/S	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
357-92	61-	0.0	Water Surface (Elev. ± 1.5' MLT)																														
			Water																														
		10.0																															
	4711		CL	0	33	67	0.50	47.8	13.0		62.7 (8)	61.4																					Gray, sandy clay (CL), soft, w/trace of very fine shell
		12.0																															
	4712		CL								68.4	62.3																					Gray, sand clay (CL)
		14.0																															
	X		CL																														No Drillers classification, assumed same as above
		17.0																															
	4713		ML	0	25	75	1.25		0.0		24.2	104.9																					Tan, sandy silt (ML), stiff
		19.0																															
	4714		ML	Same as 61-4713							27.5 (26)																					23/19.5'-20.5'	Tan, sandy silt (ML), ~~v/dense~~ v/stiff to stiff
		20.5																															
	X		ML																														No Drillers classification, assumed same as above
		24.0																															
	4715		CL	0	5	95	2.30	38.5	15.0		25.8 (24)	106.2																					Tan, clay (CL), v/stiff to stiff, w/some limey concretions
		26.0																															
	X		CL																														No Drillers classification assumed same as above
		29.0																															
	4716		CL	0	28	72	1.50	34.4	14.0		23.2	109.0																					Tan, sandy clay (CL), stiff, w/thin sand lense
		31.0																															
	4717		SM	Same as 61-4718			1.25				23.5	108.3																					Tan, silty sand (SM), stiff, w/some limey concretions
		33.0																															
	X		SM								(24)																						No Drillers classification assumed same as above
		36.0		0-0-58																													
	4718		SM	0	58	42			0.0		23.7																						Tan, silty sand (SM) v/dense
		38.0																															
	X		SM																														No Drillers classification, assumed same as above
		40.0																															
	4719		CL	0	5	95	1.00	31.1	9.0		30.4 (30)	96.2																					Brown, clay (CL), stiff
		42.0																															
	X		CL																														No Drillers classification, assumed same as above
		45.0																															
	4720		CH	0	3	97	1.25	58.8	20.0		43.7 (44)	82.5																					Bluish gray clay (CH), stiff
		47.0																															
			Bottomed @ a depth of 47.0' below water surface in Bluish Gray clay (CH) stiff																														
			Boring @ Sta. 50+000, 100' SW ℄																														