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 %	~~PH~~	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_o %	W_F %	S_i %	TYPE TEST	SPECIMEN SIZE INCHES	TEST	σ_{ss} T/SQ FT	σ_1 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
35F-108	61-	0.0	Water Surface (Elev + 2.5' MLT)																														
			Water																														
		12.5		1-3-60																													
	4842		SM	0	64	36				5.0		38.2			Gray, silty sand (SM)																		
	X	17.0	SM									(32)			NO Drillers classification, assumed same as above																		
		19.5		1-0-85																													
	4843		SM	0	86	14				0.0		26.1			Gray, silty sand (SM), medium dense																		9/20.0-21.0
	X	21.0	SM												NO Drillers classification, assumed same as above																		
		25.0																															
	4844		SM	Same as 61-4843								24.3			Gray, silty sand (SM), V/Dense																		
	X	26.5	SM									(33)			NO Drillers classification, assumed same as above																		9/25.5-26.5
		28.0		0-0-80																													
	4845		SM	0	80	20				0.0		25.7			Tan, silty sand (SM) V/Dense																		4/28.5-29.5
	X	29.5	SM												NO Drillers classification, assumed same as above																		
		36.5																															
	4846		CL	Same as 61-4847							32.1				Brown, clay (CL), medium																		4/37.0-38.0
	X	38.0	CL									(32)			NO Drillers classification, assumed same as above																		
		40.0																															
	4847		CL	0	10	90	0.75	35	4	14.0		31.1	91.1		Brown, clay (CL), medium																		
	X	42.0	CL												NO Drillers classification, assumed same as above																		
		45.0																															
	4848		CL	0	4	96	0.50	40.2	14	5.5		34.2	89.9		Brown, clay (CL), medium																		
		47.5																															
			Bottomed @ a depth of 47.5' below water surface in Brown, clay (CL) medium																														
			Boring @ Sta. 34+000, 100' SW. ℄																														

* Values at Pressure T/SQ FT

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