MATAGORDA SHIP CHANNEL
POWERHORN LAKE TO INDIAN POINT

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_{85} *	ATTERBERG LIMITS: LL	PL *	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_{III} T/SQ FT	σ_I 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
GST-87-A	62	0.0												Water																			
		11.0																															
	3584		CL	0	30	70			3.0		36.7			Gray To Rust, sandy clay (CL)																			
		13.0																															
	3585		Same as # 3584				0.0		3.0		26.9	93.2		Gray To Rust, sandy clay (CL), V/soft																			
		15.0																															
														Drillers Classification Same as Below																			
		16.0																															
	3586													Missing																			
		18.0																															
	3587		ML	0	48	52			0.0		26.8			Rust, sandy silt (ML)																			
		20.0																															
	3588		CL	0	8	92	1.75	35.8	14.0		23.8	102.1		Red, clay (CL), stiff																			
		22.0																															
	3589		CL	0	14	86	2.25	30.1	12.0		21.2	105.3		Red, clay (CL), V/stiff																			
		24.0																															
	3590		Same as # 3591								18.7			Brown, clayey sand (SC)																			
		26.0		7-14	3-2-44																												
	3591		SC	21	49	30		W.Test	8.0		20.9			Gray clayey sand w/calcareous Nodules, (SC)																			
		28.0																															
														Drillers Classification: Same as Above																			
		30.0																															
	3592		Same as # 3591								11.2			Brown, clayey sand (SC), calcareous Nodules																			
		32.0																															
														Drillers Classification: Same as Above																			
		34.0																															
	3593		Same as # 3594				1.25				25.0	98.6		Red, clay (CL), stiff																			
		36.0																															
	3594		CL	0	6	94	1.75	42.9	16.0		27.9	96.6		Red, clay (CL), stiff																			
		38.0																															
	3595		Same as # 3591								16.5			Gray, clayey sand (SC), calcareous Nodules																			
		40.0																															
	3596		CH	0	4	96	0.75	54.4	20.0		36.2	92.1		Gray, clay (CH), medium																			
		42.0																															
	3597		Same as # 3598				1.50				39.0	83.3		Blue Gray, clay (CH), stiff																			
		44.0																															
	3598		CH	0	2	98	1.25	61.0	23.5		40.4	82.2		Blue Gray, clay (CH), stiff																			
		46.0																															
			Bottomed in Above Location of Boring								Water @ 11.0'																						

* Values at Pressure T/SQ FT

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