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_{10} *	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 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
25T	62	0.0																															
132-A	~													Water																			
		11.5																															
	4062		SC	0	53	47	0.0		5.0		31.0	86.3		Brown, Clayey sand (SC), v/soft, shell fragments																			
		15.0			6-14-25																												
	4063		SM	8	55	37					25.8			Gray, silty sand (SM) w/shell fragments																			
		18.0																															
	4064		Same as #4063								35.1			Driller's classification: Same as Above.																			
		20.5																															
	4065		SM	0	80	20			0.0		25.5			Gray, silty sand (SM), v/dense, w/shell fragments																			26/21.0'-22.0'
		22.5																															
	~												D.C	Gray, sand, w/clay & shell																			
		26.0																															
	4066		Same as #4065								25.8			Gray, silty sand (SM), w/shell fragments																			
		28.0																															
	~													Driller's classification: Same as Above.																			
		32.5																															
	4067		CL	0	48	52	3.75	29.9	9.0		19.0	106.4		Red, sandy clay (CL), v/stiff																			
		35.0																															
	4068		Same as #4067				2.50				16.7	106.7		Red, sandy clay (CL) v/stiff																			
		37.5																															
	4069		SM	0	70	22	0.5		0.0		14.6	106.8		Tan, silty sand (SM)																			
		39.5		3-27	24-1-1-0																												
	4070		SC	30	54	16					19.1			Gray, clayey shelly sand (SC)																			
		40.5																															
	4071		Insuficent Mat'l. For Test											Gray, shell & fine gravel, cemented w/some sandstone nodules																			
		42.0																															
	4072		SP	0	96	4					32.4			Brown, sand (SP), w/shell fragments																			
		47.5																															

Bottomed in above. Tide 1.7 @ 6:35 A.M.
Location of Boring: Sta. 9+500.

* Values at Pressure T/SQ FT

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

* POCKET PENETROMETER ** BAR L.S.

MATAGORDA SHIP CHANNEL
BEACON #19 TO MATAGORDA
PENINSULA

TEST DATA SUMMARY

Sheet 6-7 of ___

FEATURE Log of Soil Borings

BORING NO.	SAMPLE NO.	DEPTH OR ELEV OF SAMPLE	LABORATORY CLASSIFICATION	MECHANICAL ANALYSIS: GRAVEL %	SAND %	FINES %	D_{50}	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 e	DRY DENSITY LBS/CU FT	W_i %	W_f %	S_i %	TYPE TEST	SPECIMEN SIZE INCHES	TEST	σ_m 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
BST 132	61	0.0	= water surface (Elev. 0.8 MLT)																														
		11.5			6-8-46																												
	5349		SC	1	60	39	0.0		4.0		31.0	89.6																					Tan, Clayey Sand (SC), v/soft
		14.0				Tan Clayey Sand (SC)					(29)																						
	5350		SC			29	NBS Soft				26.8	97.9																					Tan, Clayey Sand (SC), v/soft
		16.0			4-14-60																												
	5351		SM-SP	4	87	9	0.0		0.0		20.4	107.0																					Gray, silty sand (SM), ~~v/soft~~ Loose
		18.0				Gray Silty Sand (SM)																											
	X		SM-SP			20 Loose					(20)																						No Drillers Classification, Assumed same as above
		20.0																															
	5352		SC	0	51	49					38.2																						Tan, Clayey Sand (SC)
		22.0			7-6	(55) Tan Clayey Sand (X)																											
	5353		SM	4	75	21	0.0		0.0		22.5	104.5																					Gray, silty sand (SM), ~~v/soft~~ Loose
		24.0				Gray Silty Sand (SM)																											
	5354		~~SC~~	0	44	56			27.0	6.0	31.4																						Gray, ~~Clayey sand (SC)~~ Sandy Clay (CL) ~~Soft~~ Medium
		26.0				Gray Sandy Clay (CL)																											
	X		SC CL			24 Stiff					(24)																						No Drillers Classification, Assumed same as above
		30.0			4-4-26																												
	5355		CL	9	34	57	1.0	38.9	16.0		17.2	114.2																					Yellow to Gray, sandy Clay (CL) medium ~~dense~~
		32.0																															
	X																																Driller's Classification, Rust to Gray, Clayey sand w/ Shell
		35.0			0	(1-15-57) Gray Clayey Sand (SC)																											
	5356		SC	6	58	36			3.0		16.6																						Yellow to Gray, Clayey sand (SC)
		37.0																															
	X		SC								(17)																						No Drillers Classification, Assumed same as above
		40.0			3-1-78																												
	5357		SM	4	82	14			0.0		23.6																						Light Gray, silty sand (SM)
		43.0			(24)	Gray Silty Sand (SM)					(24)																						
	X		SM																														No Drillers Classification, Assumed same as above
		45.0																															
	5358		SM-SP	9	82	9			0.0		20.0																						Yellow, silty sand (SM-SP) v/ Dense
		46.5				Yellow Silty Sand (SM-SP)					(13)																					78/43.5-46.5	
											13 V/Dense																						
			Bottomed at 46.5' below water surface in																														
			Boring Location Sta 10+000																														