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_{90}*	REMARKS
65T-69A	62	0.0												Water																			
		10.0																															
	3462		Same as #3463								47.4			Gray	Sandy	Clay	(CL)																
		14.0																															
	3463		CL	0	33	67	0.0	34.3	6.0		53.0	70.2		Gray	Sandy	Clay	(CL),	v/soft															
		16.0																															
														Drillers	Classification;	Same	as	Above															
		18.0																															
	3464		Same as #3469				0.0				65.5	70.4		Gray,	Clay	(CH)	v/soft																
		20.0																															
	3465		Same as #3469				0.0				83.3	53.6		Light	Brown,	Clay	(CH),	v/soft															
		22.0																															
	3466		Same as #3469				0.0				87.7	52.6		Light	Brown,	Clay	(CH),	v/soft															
		24.0																															
														Drillers	Classification;	Same	as	Above															
		26.0																															
	3467		Same as #3469				0.0				83.3	56.4		Light	Brown	Clay	(CH),	v/soft															
		28.0																															
	3468		Same as #3469				0.0				75.6	58.1		Light	Brown	Clay	(CH),	v/soft															
		30.0																															
	3469		CH	0	14	86	0.0	67.0	23.0		72.0	61.0		Light	Brown,	Clay	(CH),	v/soft															
		32.0																															
					•		0.0							Drillers	Classification;	Same	as	Above															
		34.0																															
	3470		Same as #3473				0.0				52.6	73.8		Gray,	Clay	(CH)	v/soft																
		36.0																															
	3471		Same as #3473				0.0				59.3	69.6		Gray,	Clay	(CH),	v/soft																
		38.0																															
	3472		Same as #3473				0.0				55.7	69.9		Gray,	Clay	(CH),	v/soft																
		40.0																															
	3473		CH	0	11	89	0.0	66.8	22.5		65.2	63.2		Gray,	Clay	(CH),	v/soft																
		42.0																															
	3474		Same as #3473				0.0				63.3	64.4		Gray,	Clay	(CH),	v/soft																
		44.0																															
	3475		Same as #3473				0.0				52.2	71.1		Gray	Clay	(CH),	v/soft																
		46.0																															
	3476		Same as #3473				0.0				50.8	72.5		Gray	Clay	(CH),	v/soft																
		48.0																															
			Bottomed in Above Tide @ 3.4' @ 2:00 P.M.																														
			Location of Boring:																														

* Values at Pressure T/SQ FT

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

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 %	D85	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 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
3ST-69	61-	0.0	Water	Surface Elev. +2.9' MLW																													
			Water										Water																				
		9.8		40-59																	V/Soft												
	4501		SC	0	60	40				3.0	39.0																						0/9.8'-12.0'
		12.0		Gray Silty Clayey Sand (SC)							(40)																						
	4502		(SC)	Same as 61-4501							43.0																						0/12.0'-14.5'
		14.5		40 V/Soft w/Trace of shell																													
	4503		(SC)	Same as 61-4501							36.8																						0/14.5'-17.0'
		17.0																															
	4504		CL	0	33	67		30.4	5.0		47.3																						0/17.0'-19.0'
		19.0		Gray Sandy Clay (CL)							(48)																						
	4505		(CL)	Same as 61-4504 48 V/Soft							47.7																						0/19.0'-22.0'
		22.0																															
	4506		OH	0	9	91	0.0	57.9	21.0		80.4	47.9																					0/22.0'-24.0'
		24.0		Gray Clay (OH)																													
	X		(OH)	80 V/Soft							(80)		"Same as above"																				
		27.0																															
	4507		CH	0	5	95	0.0	65.9	23.0		76.7	54.1	Brown, CLAY (CH), v/soft																				0/27.0'-29.0'
		29.0																															
	X		(CH)	Brown Clay (CH) 74 V/Soft							(74)		No Drillers Classification; assumed to be same as above																				
		30.0																															
	4508		(CH)	Same as 61-4507 0.0							70.2	51.9	Brown, CLAY (CH), v/soft																				0/30.0'-32.0'
		32.0																															
	X		(CH)										"Same as below"																				
		35.0																															
	4509		CH	0	20	80	0.25	53.4	19.0		53.8	68.3	Gray, CLAY (CH), v/soft																				0/35.0'-37.0'
		37.0																															
	X		(CH)	Gray Clay (CH) 56 V/Soft							(56)		No Drillers Classification; assumed to be same as above																				
		40.0																															
	4510		(CH)	Same as 61-4509 0.25							44.1	74.7	Gray, CLAY (CH), v/soft																				
		42.0																															
	4511		CH	0	12	88		54.3	20.0		59.5		Gray, CLAY (CH), v/soft																				0/42.0'-43.5'
		43.5																															
	X		(CH)										No Drillers Classification; assumed to be same as above																				
		46.5																															
	4512		CH	Same as 61-4511 0.25							67.5	59.9	Gray, CLAY (CH), v/soft																				
		48.5																															
				Bottomed @ a depth of 48.5' below water surface in Gray, CLAY (CH), v/soft																													
				Boring @ Station 73+000, 100' N.E. ℄																													