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	REMARKS
35T-70A	62	0.0												Water	
		10.5													
	3477		Same as #3480				0.0				43.2	75.8		Gray, Clay (CH) v/soft	
		14.0													
														Drillers Classification: Same as Above	
		16.0													
	3478		Same as #3480				0.0				46.2	74.6		Gray, Clay (CH) v/soft	
		18.0													
	3479		Same as #3480				0.0				63.8	65.1		Gray Clay (CH) v/soft	
		20.0													
	3480		CH	0	5	95	0.0	57.1	19.0		77.5	58.0		Gray, Clay (CH), v/soft	
		22.0													
														Drillers Classification: Same as Above	
		24.0													
														Drillers Classification: Same as Above	
		26.0													
	3481		Same as #3487				0.0				75.5	59.3		Light Brown, sandy clay (CL) v/soft	
		28.0													
	3482		Same as #3487				0.0				68.6	61.3		Light Brown, sandy clay (CL), v/soft	
		30.0													
	3483		Same as #3487				0.0				74.4	59.5		Light Brown, sandy clay (CL) v/soft	
		32.0													
	3484		Same as #3487				0.0				67.0	64.1		Light Brown, sandy clay (CL) v/soft	
		34.0													
	3485		Same as #3487				0.0				66.2	62.7		Light Brown, sandy clay (CL) v/soft	
		36.0													
	3486		Same as #3487				0.0				44.4	78.3		Light Brown, sandy clay (CL) v/soft	
		38.0													
	3487		CL	0	35	65	0.0	47.0	16.0		55.0	71.9		Light Brown, sandy clay (CL) v/soft	
		40.0													
	3488		Same as #3480				0.0				51.2	72.1		Light Brown, Clay (CH) v/soft	
		42.0													
	3489		Same as #3480				0.0				50.7	71.1		Light Brown Clay (CH) v/soft	
		44.0													
							0.0							Drillers Classification: Same as Above	
		46.0													
	3490		Same as #3480				0.0				50.3	73.2		Gray, Clay (CH) v/soft	
		48.0													
			Bottomed in Above Location of Boring.												

BORING NO.	SAMPLE NO.	SHEAR DATA: INITIAL e	DRY DENSITY LBS/CU FT	W_i %	W_f %	S_i %	TYPE TEST	SPECIMEN SIZE INCHES	TEST	σ_{DI} 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} *
35T-70A	62																		
	3477																		
	3478																		
	3479																		
	3480																		
	3481																		
	3482																		
	3483																		
	3484																		
	3485																		
	3486																		
	3487																		
	3488																		
	3489																		
	3490																		

* 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 %	%	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
35T-70	61-	0.0 =	Water	Surface (Elev. + 2.3' MLT.)																													
			Water										Water																				
		11.0																															
	4513		CL	0	17	83		47.4	13.5		77.1		Gray, CLAY (CL), v/soft, w/trace of shell																				
		16.0		Gray Clay (CL)																													
	X		(CL)	77 v/soft w/trace of shell							(77)		No Drillers Classification; assumed to be same as above																				
		20.0																															
	4514		OH	0	2	98	0.0	67.4	22.0		88.5	48.4	Brown, CLAY (OH), v/soft, w/trace of shell, organic Ignition Loss = 5.3%																				
		22.0		Brown Clay (OH)																													
	X		(OH)	98 v/soft							(88)		No Drillers Classification; assumed to be same as above																				
		25.0																															
	4515		CH	0	18	82	0.0	57.6	19.5		78.4	53.9	Gray, CLAY (CH), v/soft																				
		27.0																															
	X		(CH)										No Drillers Classification; assumed to be same as above																				
		30.0																															
	4516		(CH)	Same as 4515			0.0				56.8	65.2	Gray, CLAY (CH), v/soft																				
		32.0																															
	X		(CH)	Gray Clay (CH)							(64)	(61)	No Drillers Classification; assumed to be same as above																				
		35.0		64 v/soft to soft																													
	4517		CH	0	9	91	0.25	44.2	23.0		66.1	60.2	Gray, CLAY (CH), v/soft, w/trace of shell																				
		37.0																															
	X		(CH)										No Drillers Classification; assumed to be same as above																				
		40.0																															
	4518		(CH)	Same as 61-4517			0.25				60.1	63.1	Gray, CLAY (CH), v/soft, w/trace of shell																				
		42.0																															
	X		(CH)										No Drillers Classification; assumed to be same as above																				
		45.0																															
	4519		(CH)	Same as 61-4517			0.0				60.0	65.3	Gray, CLAY (CH), v/soft																				
		47.5																															
			Bottomed @ a depth of 47.5' below water surface in Gray CLAY (CH), v/soft.																														
			Boring @ Sta. 22+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