MATAGORDA SHIP CHANNEL
POWERHORN LAKE TO INDIAN LAKE

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
35T	62	0.0												Water																			
129-A																																	
		12.6																															
	3893		SC	0	57	43	0.0		4.5		33.4	87.0		Gray	Clayey Sand (SC)																		
		15.0																															
	3894		SM	0	83	17	0.0		0.0		21.7	104.0		Gray	Silty Sand (SM)																		
		17.5																															
	3895		Same as #3894								27.3			Gray	Silty Sand (SM) v/Dense																	33/18.0'-19.0'	
		19.5																															
														Washed																			
		22.0																															
	3896		Same	as #	3897		0.0				28.4	90.1		Brown	Sandy Clay (CL) v/Soft																		
		24.5																															
	3897		CL	0	43	57	0.25	33.6	10.0		37.0	85.2		Brown	Sandy Clay (CL) v/Soft																		
		27.0																															
	3898		SC	0	62	38	2.25		8.0		17.9	116.5		Gray	Clayey Sand (SC) v/Stiff																		
		30.0																															
	3899		SM	0	61	39			0.0		17.2	117.2		Tan	Silty Sand (SM)																		
		32.0																															
	3900		Same as #3899								18.0			Tan	Silty Sand (SM)																		
		34.0																															
	3901		SM	0	74	26			0.0		22.7			Tan	Silty Sand (SM)																		
		36.0																															
	3902		Same	as #	3899						22.5	102.6		white	Silty Sand (SM)																		
		38.5																															
														Driller's classification: Same as Above.																			
		40.0																															
	3903		Same	as #	3894						24.4	103.8		Black	Silty Sand (SM)																		
		42.0																															
														D.C.	Sand																		
		45.0		3-25	7-5-50																												
	3904		SM	28	64	10					19.1			Gray	Shelly Silty Sand (SM)																		
		47.0																															
			Bottomed in Above Tide 1.9' @ 6:30 A.M.																														
			Location of Boring: Sta. 12+500																														

* Values at Pressure T/SQ FT

* POCKET PENETROMETER ** BAR. L.S.

- 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

Sheet 64 of ___

FEATURE Log of Soil Boring

BORING NO.	SAMPLE NO.	DEPTH OR ELEV OF SAMPLE	LABORATORY CLASSIFICATION	MECHANICAL ANALYSIS: GRAVEL %	SAND %	FINES %	D_{50}	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 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_{∞}*	REMARKS
35T 129	61	0.0	Water Surface (Elev. 1.8' MLT)																														
		12.0		1-2-57																													
	5261		SC	0	60	40	0.20		4.0		34.4	85.9			Gray, Clayey sand (SC), V/Dense																		
		15.0																															
	X		SC								34				No Drillers classification, same as above																		
		18.0																															
	X		SC												NO Drillers classification, same as above																		
		20.0																															
	X		SC												No Drillers classification, same as above																		
		20.5		1-1-85																													
	5262		SM	0	87	13			0.0		31.2				Gray, silty sand (SM), Dense																		12/21.0-22.0
		22.0																															
	X		SM								27				NO Drillers classification, assumed same as above																		
		23.5																															
	5263		SM	3	69	28			1.0		23.5				Gray, silty sand (SM), medium Dense to Dense																		5/24.0-25.0
		25.5																															
	X		SM												No Drillers classification, assumed same as above																		
		27.5																															
	5264		SC	15	63	22			5.0		15.6				Gray to yellow, shelly, clayey sand (SC)																		
		29.0																															
	5265		SM	0	77	23	45+		3.0		15.7	116.9			Gray to yellow silty sand (SM), Hard V/Dense																		
		31.5																															
	X		SM								16				No Drillers classification, assumed same as above																		
		34.5																															
	5266		SM	5	77	18			0.0		17.2				Gray, silty sand (SM)																		
		36.0																															
	X		SM												NO Drillers classification, assumed same as above																		
		40.0																															
	X		SM												NO Drillers classification assumed same as above																		
		40.5																															
	5267		SM	Same as 61-5266							16.1				Gray, silty sand (SM)																		
		42.0																															
	X		SM												NO Drillers classification, assumed same as above																		
		45.0																															
	5268		CL	4	25	71		29.1	11.0		19.9 (20)				Brown, sandy clay (CL)																		
		47.0																															
			Bottomed at 47.0' below water surface																														
			Boring location sta 13+000																														

* Values at Pressure T/SQ FT

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