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
6ST-76-A	62	44.0																															
	3622		CL				4.25			23.8	101.6		DC	Gray,	Clay (CL), w/calcareous nodules, Hard																		
		46.0																															
	3623		CL				4.50			18.3	116.9			Gray	Clay (CL), calcareous nodules, Hard																		
		48.0																															
6ST-77-A	62	45.0																															
	3624		CL				0.25			29.6	93.1			Gray,	Sandy Clay (CL), Soft																		
		47.5																															
3ST-78-A	62	45.0																															
	3625		CL				0.0			40.0	80.9			Gray	Clay (CL), v/soft																		
		47.5																															
3ST-79-A	62	44.0																															
	3626		CL				0.0			68.5	85.4			Gray,	Clay (CL) v/soft																		
		46.0																															
	3627		CL				0.0			52.9	69.5			Gray	Clay (CL), v/soft																		
		48.0																															
3ST-80-A	62	45.0																															
	3628		CL				0.0			59.1	65.6			Gray	Clay (CL) v/soft																		
		47.5																															
3ST-81-A	62	45.0																															
	3629		CL				0.0			45.5	75.7			Gray,	Clay (CL), v/soft																		
		47.5																															
3ST-82-A	62	44.0					0.0			28.3	94.7																						
	3630		CL											Gray,	Sandy Clay (CL), v/soft																		
		46.0																															
	3631		CL				0.0							Gray,	Sandy Clay (CL), v/soft																		
		48.0																															
3ST-83-A	62	46.0																															
	3632		SM				0.0			26.2				Gray,	Silty Sand (SM), Loose																		
		48.0																															
6ST-85-A	62	44.0																															
	3633		CL				3.50			45.3	84.2			Gray,	Clay (CL), v/soft w/calcareous nodules																		
		46.0																															
	3634		CL				4.25			52.0	79.5			Gray,	Clay (CL), Hard, w/calcareous nodules																		
		48.0																															

* 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 Boring

Sheet 11 of ___

BORING NO.	SAMPLE NO.	DEPTH OR ELEV OF SAMPLE	LABORATORY CLASSIFICATION	MECHANICAL ANALYSIS: GRAVEL %	SAND %	FINES %	~~P/#~~	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_R %	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-76	61-	0.0=	Water Surface (Elev. +2.8' MLT)																														
			Water								(171)																						
		12.0																															
	4565		OH	0	4	96		69.7	20.0		171.1				Dark Gray, Clay (OH), v/soft												Ignition Loss = 12.3%						0/12.0'-14.5'
		14.5																															
	4566		CH	Same as 61-			0.10				69.7	58.8			Gray, Clay (CH) v/soft																		0/14.5'-17.0'
		17.0																															
	4567		CH	0	7	93	0.20	51.4	17.0		62.4	64.5			Gray, Clay (CH) v/soft						v/soft												0/17.0'-19.0'
		19.0									(65)																						
	4568		CH	0	6	94	0.25	55.5	18.5		63.9	64.4			Brownish Gray (CH), soft																		0/19.0'-22.0'
		22.0																															
	X		CH								No				Drillers Classification, Assumed same as above																		
		25.0									(19)																						
	4569		SM	9	10-7-58 77	14					19.4				Tan, silty sand (SM), w/small sandstone nodules, v/dense																		22/25.5'-26.5'
		26.5																															
	4570		SP	Same as 61-4571							29.7				Tan, sand (SP)																		
		30.0			0-0-96						(29)																						
	4571		SP	0	96	4					28.6				Tan, sand (SP)																		
		34.0			7-5-57						(23)																						
	4572		SC	10	64	26					22.7				Tan, clayey sand (SC) w/sandstone fragments																		
		34.5																															
	4573		CH	0	16	84	3.50	61.7	25.0		26.5				Light Gray, Clay (CH), v/stiff, w/fine calcareous nodules, v/stiff																		26/34.5'-35.5'
		35.5									(26)																						
	X		CH												Driller's Classification, Gray to Brown, Clay, v/stiff																		
		37.0																															
	4574		SM												Tan, very fine Grained sandstone with nodules, No TEST																		
		37.5																															
	4575		CL	Same as 61-4575			3.00				26.9	104.2			Tan to Light Gray, Clay (CL) v/stiff to Hard																		
		39.0																															
	X		CL								(23)				Driller's Classification, Gray to Tan, Clay, v/stiff																		
		42.0																															
	4576		CL	0	4	96	4.00	47.3	18.0		21.1	112.1			Tan to Light Gray, Clay (CL), v/stiff																		
		44.0																															
	X		CL												NO Drillers Classification, Assumed same as above																		
		46.0																															
	4577		CL	Same as 61-4576 4.5+							20.2	114.9			Tan to Light Gray, Clay (CL), Hard																		
		48.0																															

Bottomed @ a depth of 48.0' below water surface in Boring @ Sta. 664000, 100' SW.

* Values at Pressure T/SQ FT

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