MATAGORDA SHIP CHANNEL
LIGHT #51 TO Beacon #19

TEST DATA SUMMARY

FEATURE Log of Soil Borings

BORING NO.	SAMPLE NO.	DEPTH OR ELEV OF SAMPLE	LABORATORY CLASSIFICATION	MECHANICAL ANALYSIS: GRAVEL %	SAND %	FINES %	D*	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_{50}*	REMARKS
3ST-62	61-	0.0=	Water Water	Surface (Elev. +2.5' MLT)									Water																				
	4404	13.0	OH	0	2	98		74.6	26.0		167.9		Gray, CLAY (CH), (v/soft) organic, Ignition Loss = 9.6%																				
	X	15.0	(OH)										(No Drillers Classification; assumed to be same as above)																				
	4405	18.0	(OH)	(Same as 61-4404)							55.0		Gray, CLAY (OH), (v/soft), organic																				
	X	20.0	(OH)										"Same as above"																				
	4406	23.0	(OH)	(Same as 61-4404)							43.9		Gray, CLAY (OH), v/soft, organic																				0/23.0'-25.0'
	X	25.0	(OH)										(No Drillers Classification; assumed to be same as above)																				
	4407	28.0	OH	0	2	98		70.8	24.0		133.9		Gray, CLAY (OH), v/soft, organic																				
	X	30.0	(OH)										(No Drillers Classification; assumed to be same as above)																				
	4408	33.0	(CH)	(Same as 61-4409)			0.25				65.5	57.3	Brown, CLAY (CH), v/soft																				
	X	35.0	(CH)										(No Drillers Classification; assumed to be same as above)																				
	4409	38.0	(CH)	(Same as 61-4410)			0.25				69.9	58.2	Brown, CLAY (CH), v/soft																				
	X	40.0	(CH)										(No Drillers Classification; assumed to be same as above)																				
	4410	43.0	CH	0	1	99	0.25	68.9	24.0		67.4	59.2	Brown, CLAY (CH), v/soft, w/shell																				
	4411	45.0	CH w/conq.				0.25				73.3	58.9	Brown, CLAY (CH), v/soft, w/thin (3/4") layer of hard shell conglomerate																				
		47.0	Bottomed @ a depth of 47.0' below water surface in Brown, CLAY (CH), v/soft. Boring @ Sta. 80+000, 100' S.W. ℄																														

* Values at Pressure T/SQ FT

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

DLR 907