MATAGORDA SHIP CHANNEL
BEACON #19 TO MATAGORDA
PENINSULA

TEST DATA SUMMARY

Sheet 7/ 1

FEATURE Log of Soil Borings

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
BSF-136	61	00.0	= water surface (Elev. +1.5 MLT)												
	↺														Water
		12.0													
	5386		CL	0	49	51		30.6	8.0		(42.1)				Dark Brown, sandy Clay (CL)
		14.0													
	↺		CL												No Drillers Classification: Assumed To Be Same as Above
		16.0													
	5387		SM-SP	Same as 61-5388							28.1				Gray, silty sand (SM-SP) Medium Dense to V/Dense 10/16.5-17.5
		17.0													
	↺		SM-SP												No Drillers Classification Assumed To Be Same as Above
		20.0													
	↺		SM-SP								(26)				No Drillers Classification Assumed To Be Same as Above
		20.5		10-17-58											
	5388		SM-SP	6	85	9					23.9				Gray, silty sand (SM-SP), V/Dense, w/Shell fragments 39/21.0-22.0
		22.0													
	↺		SM-SP												No Drillers Classification: Assumed To Be Same as Above
		25.0		1-0-34											
	5389		CL	1	35	64		33.0	8.0		(47.3)				Gray, sandy Clay (CL)
		26.5													
	↺		CL												No Drillers Classification Assumed To Be Same as Above
		30.0		0-0-23											
	5390		SM-SP	0	93	7					27.7				Gray, silty sand (SM-SP)
		32.0									(28)				
	↺		SM-SP												No Drillers Classification Assumed To Be Same as Above
		35.0													
	5391		SM	0	81	19	0.0		1.0		25.9	98.6			Gray, silty sand (SM)
		37.0									(26)				
	↺		SM												No Drillers Classification Assumed To Be Same as Above
		40.0													
	5392		SC	0	66	34	2.0		4.0		19.0	104.7			Yellow To Gray, Clayey sand (SC) Stiff
		42.0									(19)				
	↺		SC												No Drillers Classification Assumed To Be Same as Above
		45.0													
	5393		CL	0	33	67	3.0	40.1	14.1		21.8	103.6			Yellow To Gray, Sandy Clay (CL) V/Stiff
		47.0									(23)				

Bottomed @ 47.0 Below Surface of Water in Yellow to Gray Sandy Clay (CL) V/Stiff

Location of Boring: Sta 6+000 Tide 1.5 @ 6.05 A M

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}*