

LOG OF BORING and TEST RESULTS

BORING 87-139
U.S. MARITIME ADMINISTRATION
RESERVE FLEET HARBOR
BEAUMONT, TEXAS

DEPTH, FT	SYMBOL	CORES		BLOWS PER FT	UNDRAINED SHEAR STRENGTH TONS PER SQ. FT.	UNIT DRY WT. PCF	WATER CONTENT% LL	PI (-200)
			SURFACE EL -14.8		0.5 1.0 1.5		40 80 120 160	
			VERY SOFT BLACK AND GRAY CLAY (CH) WITH ORGANIC MATERIAL -WITH WOOD FRAGMENTS (8.5')	13			+	119
10			LOOSE TO DENSE GRAY MEDIUM TO FINE SAND (SP)	9			+	103
				27				84
20				17				(3)
			-WITH ORGANIC MATERIAL AT 23.5'	19				
30				50				(2)
			-WITH SOFT CLAY SEAM AT 33-34'			89	+	17
40				50/10"				(3)
			VERY STIFF TO HARD GRAY CLAY (CH) WITH OCCASIONAL SAND POCKETS TO 47' (44')	32				
50								34
			DENSE TO VERY DENSE GRAY SILTY FINE TO FINE SAND (SP-SM) (53.5')	50				40
60				50/8"				(36)
				50/6"				(9)
70				50/6"				
				30				(18)
80				50/6"0				
				50/6"				(4)
90								

Date Started: 08/11/87 Date Completed: 08/12/87
Weather: HOT, CLEAR
Water Depth: 16' AT 1225 HRS ON 08/11/87
Completion Depth: 84' BELOW MUDLINE
Driller: WILLIAMS Technician: HALLIGAN
Drill Rig: FAIRING 750 TRUCK-MOUNTED
Sampling: 3" THIN-WALLED TUBE AND 2" SPLIT-BARREL SAMPLER
Casing Required: 55' FROM BARGE DECK

LEGEND AND NOTES

- ⊗ POCKET PENETROMETER ▲ TORVANE
- UNCONFINED COMPRESSION
- ◆ MINIATURE VANE (◆ RESIDUAL VALUE)
- UNCONSOLIDATED-UNDRAINED TRIAXIAL
- Open Symbols Designate Remolded Tests
- LL - LIQUID LIMIT PL - PLASTIC LIMIT
- PI - PLASTICITY INDEX
- 200 = % PASSING #200 SIEVE

SUMMARY OF TEST RESULTS
U. S. MARITIME ADMINISTRATION
RESERVE FLEET HARBOR
BEAUMONT, TEXAS

BORING NUMBER	SAMPLE NUMBER	SAMPLE INTERVAL (FEET)	VISUAL CLASSIFICATION	MC (%)	UDW (PCF)	LL	PL	PI	GRADATION, PERCENT PASSING SIEVE NO.					SU (KSF)
									4	10	40	100	200	
87-139	1J	0-2	VERY SOFT DARK GRAY ORGANIC CLAY (CH)	287		171	52	119						
87-139	2J	2-4	VERY SOFT DARK GRAY AND GRAY ORGANIC CLAY (CH)	205		138	35	103						
87-139	3J	4-6	VERY SOFT DARK GRAY AND GRAY ORGANIC CLAY (CH)	147		124	40	84						
87-139	4J	6.5-8	DARK BROWN WOOD											
87-139	6J	13.5-15	LIGHT GRAY FINE SAND											
87-139	7J	18.5-20	LIGHT BROWNISH GRAY MEDIUM TO FINE SAND (SP) WITH ORGANIC MATERIAL						100	100	74	4	3	
87-139	8J	23.5-25	LIGHT BROWNISH GRAY FINE SAND											
87-139	9J	28.5-30	LIGHT BROWNISH GRAY FINE SAND (SP)						100	100	61	4	2	
87-139	10Q	33-35	FIRM LIGHT GREENISH GRAY SILTY CLAY (CL) WITH OCCASIONAL SAND POCKETS AND A SAND SEAM	33	89	36	19	17						0.37
87-139	12J	38.5-40	LIGHT BROWNISH GRAY MEDIUM TO FINE SAND (SP) WITH A TRACE OF COARSE SAND						97	95	47	5	3	
87-139	13J	43.5-45	LIGHT BROWNISH GRAY FINE SAND WITH OCCASIONAL GRAVEL AND OCCASIONAL CLAY POCKETS											
87-139	15Q	45-47	FIRM LIGHT GREENISH GRAY SANDY CLAY WITH SAND POCKETS AND ORGANIC MATERIAL	23										
87-139	18Q	47-49	HARD LIGHT GRAY SANDY CLAY (CH)	21	109	52	18	34						3.08
87-139	19Q	49-51	VERY STIFF LIGHT GREENISH GRAY CLAY WITH SILTY SAND POCKETS	26										
87-139	21Q	51-53	HARD LIGHT GRAY SANDY CLAY (CH)	21	107	57	17	40						3.21
87-139	23J	53.5-55	LIGHT GRAY SILTY FINE SAND (SM)						100	100	100	93	36	
87-139	24J	58.5-60	LIGHT GRAY SILTY FINE SAND											
87-139	25J	63.5-65	LIGHT GRAY FINE SAND (SP-SM), SLIGHTLY SILTY						100	100	100	69	10	
87-139	26J	68.5-70	LIGHT GRAY SILTY FINE SAND											
87-139	27J	73.5-75	LIGHT GRAY SILTY FINE SAND (SM)						100	100	100	61	19	
87-139	28J	78.5-80	LIGHT GRAY SILTY FINE SAND											
87-139	29J	83.5-85	LIGHT BROWNISH GRAY FINE SAND (SP)						100	100	99	8	4	