

LOG OF BORING and TEST RESULTS

BORING 87-136
U.S. MARITIME ADMINISTRATION
RESERVE FLEET HARBOR
BEAUMONT, TEXAS

DEPTH, FT	SYMBOL	CORES	SURFACE EL -18.3	BLOWS PER FT	UNDRAINED SHEAR STRENGTH TONS PER SQ. FT.			UNIT DRY WT PCF	WATER CONTENT% LL				PI (-200)
					0.5	1.0	1.5		PL	40	80	120	
			VERY SOFT BLACK AND DARK GRAY CLAY (CH) WITH ORGANIC MATERIAL (4')		▲				+ - - - +				85
10			LOOSE GRAY FINE SAND (SP), SILTY (SM) TO 6' -BECOMES CLAYEY SILTY BELOW 13.5' (17')	WOP									(14)
20			FIRM LIGHT GRAY CLAY (CH) WITH SAND POCKETS AND ORGANIC MATERIAL (21')	5	● ▲			77	+ ● +				53
			LOOSE GRAY SLIGHTLY SILTY FINE SAND (SP-SM) (30')	8									(12)
30			FIRM TO STIFF GRAY CLAY (CH) WITH WOOD FRAGMENTS AND SAND POCKETS (35')		● ▲			71	+ ● +				55
40			MEDIUM TO VERY DENSE SILTY FINE SAND (SM)	37									(19)
				33									(25)
50			-BECOMES FINE SAND (SP) BELOW 50.5'	50/6									(18)
				REF/6"									(6)
				REF/6"									(5)
60			- WITH OCCASIONAL CLAY POCKETS BELOW 60.5' (65')	REF/3"									(6)
70			STIFF TO VERY STIFF GRAY CLAY (CH) WITH SHELL FRAGMENTS, SAND POCKETS & PARTINGS		● ● ● ▲			73	+ ● +				57
					● ● ● ●			68	+ ● +				54
80					● ● ● ●				+ ● +				50
90													

Date Started: 08/08/87 Date Completed: 08/08/87
Weather: HOT, PARTLY CLOUDY
Water Depth: 20' AT 1620 HRS ON 08/07/87
Completion Depth: 80' BELOW MUDLINE
Driller: WILLIAMS Technician: HALLIGAN
Drill Rig: FAILING 750 TRUCK-MOUNTED
Sampling: 3" THIN-WALLED TUBE AND 2" SPLIT-BARREL SAMPLER
Casing Required: 42' 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

L-04113687

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	
87-136	2Q	2-4	VERY SOFT DARK GRAY AND GRAY ORGANIC CLAY (CH)	200		114	29	85						
87-136	4J	4-6	GRAY SILTY FINE SAND (SP-SM)						100	100	100	40	14	
87-136	5J	6-8	GRAY FINE SAND WITH OCCASIONAL CLAY POCKETS											
87-136	6J	8-10	LIGHT GRAY FINE SAND											
87-136	7J	13.5-15	GRAY CLAYEY SILTY SAND (SM) WITH SILTY SAND POCKETS AND PARTINGS						100	100	100	94	48	
87-136	8Q	17-19	FIRM GRAY CLAY (CH) WITH SAND POCKETS AND ORGANIC MATERIAL	42	77	77	24	53						0.42
87-136	11J	21.5-23	GRAY SLIGHTLY SILTY FINE SAND (SP-SM)						100	100	99	34	12	
87-136	12J	26.5-28	LIGHT BROWNISH GRAY SLIGHTLY SILTY FINE SAND (SP-SM)						100	100	99	44	10	
87-136	13Q	31-33	FIRM GRAY CLAY (CH) WITH OCCASIONAL SAND POCKETS AND ORGANIC MATERIAL	47	71	82	27	55						0.61
87-136	15Q	33-35	FIRM LIGHT GRAY CLAY	49										
87-136	17J	35.5-37	LIGHT BROWNISH GRAY SILTY FINE SAND (SM)						100	100	100	63	19	
87-136	18J	40.5-42	LIGHT BROWNISH GRAY SILTY FINE SAND (SM) WITH OCCASIONAL CLAY POCKETS						100	100	100	78	25	
87-136	19J	45.5-47	LIGHT BROWNISH GRAY SILTY FINE SAND (SM) WITH OCCASIONAL CLAY POCKETS						100	100	100	75	18	
87-136	20J	50.5-52	LIGHT BROWNISH GRAY FINE SAND (SP-SM)						100	100	98	18	6	
87-136	21J	55.5-57	LIGHT BROWNISH GRAY FINE SAND (SP)						100	100	98	13	5	
87-136	22J	60.5-62	LIGHT BROWNISH GRAY FINE SAND (SP-SM)						100	100	73	13	6	
87-136	23Q	65-67	STIFF GRAY CLAY (CH) WITH OCCASIONAL SAND POCKETS AND OCCASIONAL SHELL FRAGMENTS	50	73	83	26	57						1.35
87-136	25Q	67-69	STIFF GRAY CLAY WITH SILT POCKETS AND PARTINGS	47										
87-136	27Q	69-71	STIFF GRAY CLAY WITH SILT POCKETS	49										
87-136	29Q	71-73	STIFF GRAY CLAY (CH) WITH OCCASIONAL SAND POCKETS AND LIGHT GRAY STREAKS	54	68	83	29	54						1.29
87-136	31Q	73-75	STIFF GRAY CLAY	54										
87-136	33Q	75-77	FIRM GRAY CLAY WITH NUMEROUS SILT POCKETS	42										
87-136	36Q	78-80	STIFF GRAY CLAY (CH) WITH SAND POCKETS AND PARTINGS	46		75	25	50						