

LOG OF BORING and TEST RESULTS

BORING 87-131
U.S. MARITIME ADMINISTRATION
RESERVE FLEET HARBOR
BEAUMONT, TEXAS

DEPTH, FT	SYMBOL	CORES	SURFACE EL -28.0	BLOWS PER FT	UNDRAINED SHEAR STRENGTH TONS PER SQ. FT.	UNIT DRY WT PCF	WATER CONTENT% PL ---●--- LL	PI (-200)
					0.5 1.0 1.5		40 80 120 160	
10			VERY SOFT TO FIRM BLACK CLAY (CH) WITH ORGANICS, SHELL FRAGMENTS & SAND POCKETS					15
			(14')					(93) 106
20			DENSE TO VERY DENSE LIGHT GRAY FINE TO MEDIUM SAND (SP)	22				(6)
				42				
30				50/10*				(5)
				50/9*				(5)
40				50/6*				
				50/5*				(5)
50			STIFF GRAY TO OLIVE GRAY CLAY (CH) WITH SAND POCKETS, PARTINGS & ORGANICS					70
								63
60				18				(78)
			INTERBEDDED DENSE LIGHT GRAY FINE SAND AND STIFF GRAY CLAY					39
70								22
80								
90								

Date Started: 08/01/87 Date Completed: 08/02/87
Weather: HOT, CLEAR
Water Depth: 29' AT 1445 HRS ON 08/01/87
Completion Depth: 71' BELOW MUDLINE
Driller: WILLIAMS Technician: HALLIGAN
Drill Rig: FAIRING 750 TRUCK-MOUNTED
Sampling: 3" THIN-WALLED TUBE AND 2" SPLIT-BARREL SAMPLER
Casing Required: 50' 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-01113187

SUMMARY OF TEST RESULTS
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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	
87-131	2Q	0-2.0	VERY SOFT BLACK CLAY (CH) WITH ORGANIC MATERIAL	226		152	37	115						
87-131	4Q	2.0-4.0	VERY SOFT DARK GRAY AND BLACK ORGANIC CLAY WITH ORGANIC MATERIAL	156										
87-131	7Q	9.5	DARK GRAY AND GRAY CLAY (CH) WITH OCCASIONAL SAND POCKETS	111					100	100	100	98	93	
87-131	9Q	10-11.5	VERY SOFT DARK GRAY AND GRAY ORGANIC CLAY (CH) WITH ORGANIC MATERIAL AND SHELL FRAGMENTS	133	35	142	36	106						<u>2</u>
87-131	14J	16.5-18	LIGHT BROWNISH GRAY FINE SAND (SP) WITH OCCASIONAL CLAY POCKETS						100	100	99	11	6	
87-131	18J	26-27.5	LIGHT BROWNISH GRAY FINE SAND (SP)						100	100	100	18	5	
87-131	19J	31-32.5	LIGHT BROWNISH GRAY FINE SAND (SP)						100	100	93	11	5	
87-131	21J	41-42.5	LIGHT BROWNISH GRAY MEDIUM TO FINE SAND (SP)						100	99	47	9	5	
87-131	23Q	45-47.0	VERY STIFF GRAY AND OLIVE GRAY CLAY (CH) WITH SAND POCKETS	60	65	103	33	70						1.33
87-131	25Q	47-49.0	STIFF OLIVE GRAY CLAY WITH OCCASIONAL SAND POCKETS AND PARTINGS	53										
87-131	27Q	49-51.0	STIFF OLIVE GRAY CLAY WITH OCCASIONAL SAND POCKETS AND PARTINGS	56										
87-131	29Q	51-53.0	VERY STIFF GRAY CLAY (CH) WITH SAND POCKETS AND PARTINGS AND OCCASIONAL ORGANIC MATERIAL	48	72	87	24	63						0.65
87-131	31Q	53-55.0	STIFF OLIVE GRAY CLAY WITH OCCASIONAL SAND POCKETS AND OCCASIONAL ORGANIC MATERIAL	48										
87-131	33Q	55-57.0	STIFF OLIVE GRAY CLAY WITH OCCASIONAL SAND POCKETS AND OCCASIONAL ORGANIC MATERIAL	50										
87-131	35Q	57-59.0	STIFF OLIVE GRAY CLAY WITH SAND POCKETS AND PARTINGS AND OCCASIONAL ORGANIC MATERIAL	43										
87-131	36J	59-60.0	STIFF GRAY CLAY WITH SAND POCKETS, PARTINGS AND OCCASIONAL SEAMS	48					100	100	100	95	78	
87-131	38Q	61-63.0	STIFF GRAY CLAY WITH NUMEROUS SILTY FINE SAND POCKETS, PARTINGS AND SEAMS	29										
87-131	40Q	63-65.0	STIFF GRAY CLAY (CH) WITH SAND POCKETS, PARTINGS AND SEAMS	31	84	58	19	39						0.35

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							4 10 40 100 200	
87-131	42Q	65-67.0	LIGHT BROWNISH GRAY FINE SAND	20				
87-131	44Q	67-69.0	STIFF OLIVE GRAY CLAY WITH OCCASIONAL SAND POCKETS	38				
87-131	46Q	69-71.0	STIFF GRAY SANDY CLAY (CL) WITH NUMEROUS SAND PARTINGS AND SEAMS	24		37 15 22		