

LOG OF BORING and TEST RESULTS

BORING 87-134
U.S. MARITIME ADMINISTRATION
RESERVE FLEET HARBOR
BEAUMONT, TEXAS

DEPTH, FT	SYMBOL	CORES	SURFACE EL -19.0	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	
			VERY SOFT BLACK AND DARK GRAY CLAY (CH) WITH ORGANIC MATERIAL (4.5')									163 145
10			LOOSE TO MEDIUM DENSE GRAY MEDIUM TO FINE SAND (SP) WITH TRACE ORGANIC MATERIAL -WITH CLAY POCKETS BELOW 19'	10 14 15 20								(2)
20			(28.5')									
30			STIFF GRAY CLAY (CH) WITH OCCASIONAL SAND POCKETS - WITH SANDSTONE POCKET AT 46.5'	20 46				62 68 69				80 (67)
40			(47')					72				(21)
50			INTERBEDDED FIRM GRAY CLAY AND FINE TO MEDIUM SAND (49')	REF/4"								(4)
60			DENSE TO VERY DENSE GRAY FINE SAND (SP) WITH CLAY POCKETS (60.5')	11								(5)
70			STIFF GRAY CLAY (CH) WITH SAND POCKETS AND PARTINGS (81')					73 68 68				59 64
80												48
90												

Date Started: 08/02/87 Date Completed: 08/03/87
Weather: HOT
Water Depth: 20' AT 1315 HRS ON 08/02/87
Completion Depth: 81' BELOW MUDLINE
Driller: MOONEY Technician: HADA
Drill Rig: FAILING 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

L-01113487

SUMMARY OF TEST RESULTS
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BEAUMONT, TEXAS

BORING NUMBER	SAMPLE NUMBER	SAMPLE INTERVAL (FEET)	VISUAL CLASSIFICATION	MC (%)	UDW (PCF)	LL	PL	PI	GRADATION, PERCENT PASSING SIEVE NO. 4 10 40 100 200	SU (KSF)
87-134	2J	0-2	VERY SOFT BLACK ORGANIC CLAY (CH)	346		202	39	164		
87-134	3J	2-3	VERY SOFT BLACK ORGANIC CLAY (CH)	307		185	49	145		
87-134	4J	4-6	BROWNISH GRAY FINE SAND WITH A TRACE OF ORGANIC MATERIAL	26		NP	NP	NP		
87-134	5J	9-10.5	LIGHT BROWN MEDIUM TO FINE SAND (SP)						100 100 67 2 0	
87-134	7J	19-20.5	LIGHT BROWN MEDIUM TO FINE SAND (SP)						100 99 44 4 2	
87-134	10Q	29-31.0	STIFF GRAY CLAY (CH), SLICKENSIDED	63	62	111	31	81		0.54
87-134	12Q	31-33.0	STIFF GRAY CLAY WITH SILT POCKETS							
87-134	14Q	33-35.0	STIFF GRAY CLAY WITH SILTY SAND POCKETS AND PARTINGS	54	68					1.10
87-134	16Q	35-37.0	STIFF GRAY CLAY WITH SAND POCKETS							
87-134	17Q	37-39.0	STIFF GRAY CLAY WITH OCCASIONAL ORGANIC MATERIAL AND OCCASIONAL SAND POCKETS, SLICKENSIDED	49	69					0.91
87-134	20Q	39-41.0	STIFF GRAY CLAY WITH OCCASIONAL SAND POCKETS							
87-134	21J	41-42.5	VERY STIFF LIGHT BROWNISH GRAY CLAY WITH NUMEROUS SAND POCKETS						100 99 93 72 67	
87-134	24Q	45-47.0	STIFF GRAY CLAY WITH SAND POCKETS AND PARTINGS	53	72					1.12
87-134	26J	47-47.5	LIGHT BROWNISH GRAY MEDIUM TO FINE SAND (SC) WITH A CLAY SEAM						100 100 75 24 21	
87-134	28J	49.5-51	LIGHT BROWNISH GRAY FINE SAND (SP)						100 100 92 12 4	
87-134	29J	54-54.5	LIGHT BROWNISH GRAY FINE SAND (SP)						100 100 90 9 5	
87-134	32Q	61-63.0	STIFF GRAY CLAY (CH) WITH OCCASIONAL SANDY SILT PARTINGS	50	73	86	27	59		1.49
87-134	34Q	63-65.0	STIFF OLIVE GRAY CLAY WITH SAND POCKETS AND PARTINGS	44						
87-134	36Q	65-67.0	STIFF GRAY CLAY WITH OCCASIONAL SAND POCKETS AND OCCASIONAL ORGANIC MATERIAL	56	68					1.34
87-134	38Q	67-69.0	STIFF GRAY CLAY WITH OCCASIONAL SAND POCKETS	53						
87-134	40Q	69-71.0	STIFF GRAY CLAY (CH) WITH OCCASIONAL SAND POCKETS AND PARTINGS	51	68	97	33	64		1.42
87-134	42Q	71-73.0	STIFF GRAY CLAY WITH ORGANIC MATERIAL	55						
87-134	43Q	73-75.0	STIFF GRAY CLAY	57						
87-134	46Q	75-77.0	STIFF GRAY CLAY WITH SAND POCKETS	55						
87-134	48Q	77-79.0	STIFF GRAY CLAY WITH SAND POCKETS AND PARTINGS	47						

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							4 10 40 100 200	
87-134	50Q	79-81.0	STIFF GRAY CLAY (CH) WITH SAND POCKETS AND PARTINGS AND ORGANIC MATERIAL	50		72 24 48		