

LOG OF BORING and TEST RESULTS

BORING 87-133
U.S. MARITIME ADMINISTRATION
RESERVE FLEET HARBOR
BEAUMONT, TEXAS

DEPTH, FT	SYMBOL	CORES	SURFACE EL -20.0	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	80	120	160	
			VERY SOFT TO FIRM GRAY TO BLACK CLAY (CH) WITH ORGANICS AND SILTY SAND PARTINGS (10')						+	-	+		66
10									+	-	+		60
			MEDIUM DENSE TO DENSE LIGHT GRAY MEDIUM TO FINE SAND (SP) WITH CLAY SEAMS (23')	10				54	+	-	+		49
20				20									(5)
			FIRM TO STIFF LIGHT GRAY CLAY (CH) WITH SAND POCKETS, BECOMES SANDY AT 30' (31')					68	+	-	+		75
30								79	+	-	+		55
			VERY DENSE LIGHT GRAY MEDIUM TO FINE SAND (SP), SILTY (SM) TO 37' (39')	50/3"				84					
40				50/3"									(23)
				REF/3"									
50				REF/3"									(6)
				REF/3"									
60			VERY STIFF GRAY CLAY (CH) WITH ORGANICS AND SAND POCKETS (59.5')	39									
								61	+	-	+		58
70			VERY STIFF LIGHT GRAY SILTY CLAY (CL) WITH OCCASIONAL SAND POCKETS (67')					102					11
			VERY STIFF LIGHT GRAY CLAY (CL) WITH SILT POCKETS AND ORGANIC MATERIAL (69')										
80			VERY DENSE GRAY SILTY FINE SAND (77')	50/7"									23
90													

Date Started: 08/03/87 Date Completed: 08/04/87
Weather: HDT, WINDY
Water Depth: 21' AT 1545 HRS ON 08/03/87
Completion Depth: 79.5' 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

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)
87-133	2Q	2.0-4.0	VERY SOFT DARK GRAY AND GRAY CLAY (CH) WITH ORGANIC MATERIAL AND OCCASIONAL SAND POCKETS AND PARTINGS	83		94 28 66		
87-133	5Q	4.0-6.0	VERY SOFT GRAY CLAY WITH SAND POCKETS AND PARTINGS	68				
87-133	6Q	6.0-7.0	SOFT GRAY CLAY (CH) WITH SAND POCKETS, PARTINGS AND SEAMS AND ORGANIC MATERIAL	77		89 29 60		
87-133	8Q	8-10.0	SOFT DARK GRAY CLAY (CH) WITH OCCASIONAL ORGANIC MATERIAL AND SAND POCKETS AND SEAMS	72	54	75 26 49		0.11
87-133	11J	13-14.5	LIGHT BROWNISH GRAY MEDIUM TO FINE SAND (SP)	20			100 100 49 6 5	
87-133	12J	18-19.5	OLIVE GRAY FINE SAND WITH A CLAY SEAM	22				
87-133	14Q	23-25.0	STIFF GRAY CLAY (CH) WITH OCCASIONAL SAND POCKETS, SLICKENSIDED	54	68	101 27 75		0.37
87-133	15Q	25-26.0	FIRM GRAY CLAY WITH SAND POCKETS	51				
87-133	17Q	27-29.0	STIFF GRAY CLAY (CH) WITH OCCASIONAL ORGANIC MATERIAL	42	79	79 24 55		1.39
87-133	18Q	30-31.0	STIFF LIGHT GREENISH GRAY SANDY CLAY WITH OCCASIONAL SAND POCKETS AND OCCASIONAL ORGANIC MATERIAL	41	84			
87-133	21J	36-37.0	LIGHT GRAY SILTY MEDIUM TO FINE SAND (SM)				100 100 88 60 23	
87-133	23J	46-46.5	LIGHT BROWNISH GRAY FINE SAND (SP)				100 100 98 15 6	
87-133	25J	56-57.0	LIGHT GRAY FINE SAND WITH CLAY POCKETS AND TRACE OF GRAVEL					
87-133	28Q	60-62.0	VERY STIFF DARK BROWNISH GRAY AND BLACK ORGANIC CLAY (CH) WITH ORGANIC MATERIAL, CLAY LAYERS, AND OCCASIONAL SAND POCKETS	65	61	96 38 57		2.06
87-133	30Q	62-64.0	BLACK ORGANIC MATERIAL - WOOD	358				
87-133	32Q	64-66.0	VERY STIFF GRAY CLAY WITH SAND POCKETS AND ORGANIC MATERIAL	26				
87-133	34Q	66-68.0	VERY STIFF LIGHT GREENISH GRAY SILTY CLAY (CL) WITH OCCASIONAL SANDY SILT POCKETS	23	102	31 20 11		2.23
87-133	36Q	68-70.0	VERY STIFF GRAY CLAY SLIGHTLY SILTY WITH OCCASIONAL SILTY SAND POCKETS	24				
87-133	38Q	70-72.0	VERY STIFF GRAY CLAY, SLIGHTLY SILTY WITH OCCASIONAL SANDY SILT POCKETS	26				

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							4 10 40 100 200	
87-133	40Q	72-74.0	VERY STIFF GRAY CLAY WITH OCCASIONAL SILTY SAND POCKETS	29				
87-133	42Q	74-76.0	VERY STIFF GRAY CLAY WITH SILTY SAND POCKETS	25				
87-133	43Q	76-78.0	VERY STIFF LIGHT GREENISH GRAY CLAY (CL) WITH SAND POCKETS, ORGANIC MATERIAL AND A SANDY CLAY LAYER	22		40 17 24		