

LOG OF BORING and TEST RESULTS

BORING 87-130
U.S. MARITIME ADMINISTRATION
RESERVE FLEET HARBOR
BEAUMONT, TEXAS

DEPTH, FT	SYMBOL	CORES	SURFACE EL -9.5	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 SOFT DARK GRAY TO BLACK CLAY (CH) WITH ORGANICS AND SAND POCKETS (12')	21		39	+	55
20			DENSE LIGHT GRAY FINE SAND (SP)	22		59	●	63 (79)
30				17		66	+	
40			STIFF GRAY CLAY (CH) WITH SAND SEAMS AND POCKETS (32')	8		64	●	(3)
50			MEDIUM DENSE LIGHT GRAY MEDIUM TO FINE SAND (SP) WITH CLAY SEAMS AND POCKETS (44')	10		87	+	28 (35) (19)
60			STIFF TO VERY STIFF LIGHT GRAY CLAY (CH) WITH SILTY SAND SEAMS, POCKETS, LAYERS (54')	50/5"			+	29
70			VERY DENSE LIGHT GRAY FINE TO MEDIUM SAND (SP) (59')	15		106	●	(6)
80			VERY STIFF TO HARD LIGHT GRAY CLAY (CH) WITH SILTY SAND SEAMS AND POCKETS (79')			86	+	33
90			-WITH SILTSTONE DEPOSITS (89')			93	●	29
						84	+	
						82	●	33
						82	+	33
							●	23
							+	23

Date Started: 07/31/87 Date Completed: 08/01/87
Weather: HOT, CLEAR
Water Depth: 10.5 AT 1340 HRS ON 07/31/87
Completion Depth: 89' BELOW MUDLINE
Driller: WILLIAMS Technician: HALLIGAN
Drill Rig: FAILING 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-01113087

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	
87-130	2Q	2.0- 4.0	VERY SOFT DARK GRAY CLAY (CH), WITH ORGANIC MATERIAL	90	39	80	25	55						
87-130	4Q	4.0-6.0	VERY SOFT GRAY CLAY, WITH NUMEROUS SAND POCKETS AND SAND PARTINGS	57										
87-130	6Q	6.0-8.0	VERY SOFT DARK GRAY TO GRAY CLAY, WITH ORGANIC MATERIAL, AND SAND POCKETS AND SEAMS	65	59									0.05
87-130	8Q	8.0-10.0	VERY SOFT GRAY CLAY, WITH SILTY SAND POCKETS	45										
87-130	9Q	8.0-10.0	VERY SOFT DARK GRAY AND GRAY SANDY CLAY, WITH SAND POCKETS AND OCCASIONAL ORGANIC MATERIAL	72	66									0.18
87-130	10J	10-11.5	FIRM GRAY CLAY (CH), WITH SAND PARTINGS	71		90	27	63	100	99	97	87	79	
87-130	11J	12-13.5	GRAY FINE SAND											
87-130	12J	17-18.5	GRAY FINE SAND											
87-130	13J	22-23.5	GRAY FINE SAND											
87-130	14J	27-28.5	LIGHT BROWN MEDIUM TO FINE SAND (SP), WITH A TRACE OF SILT						100	99	66	5	3	
87-130	16Q	34-36.0	FIRM GRAY TO OLIVE-GRAY CLAY, WITH OCCASIONAL SAND POCKETS AND SEAMS	57	64									0.68
87-130	18Q	36.0-38	FIRM GRAY AND OLIVE-GRAY CLAY, WITH SAND POCKETS AND PARTINGS	34										
87-130	21Q	38-40.0	LIGHT GRAY CLAYEY SAND (SC), WITH SAND POCKETS AND A VERTICAL SAND SEAM	30		44	16	28	100	100	99	75	35	
87-130	22J	42-43.5	LIGHT GRAY SILTY FINE SAND (SM)						100	100	100	64	19	
87-130	24Q	44-46.0	STIFF GRAY CLAY, WITH SILTY SAND POCKETS	34	87									1.37
87-130	25Q	48-50	STIFF GRAY CLAY (CL), WITH NUMEROUS SAND POCKETS AND SEAMS	144		46	17	29						
87-130	27Q	50-52	STIFF GRAY CLAY, WITH NUMEROUS SAND POCKETS AND SEAMS											
87-130	29Q	52-54.0	STIFF GRAY CLAY, WITH NUMEROUS SAND POCKETS AND SEAMS											
87-130	30J	54.5-56	LIGHT GRAY MEDIUM TO FINE SAND (SP-SM), SLIGHTLY SILTY						100	99	75	12	6	
87-130	31J	59-60.5	VERY STIFF LIGHT GREENISH-GRAY CLAY, SLIGHTLY SANDY, WITH OCCASIONAL SAND POCKETS, OCCASIONAL ORGANIC MATERIAL	24					100	100	99	91	79	
87-130	33Q	61-63.0	STIFF LIGHT GREENISH-GRAY SANDY CLAY (CL), WITH SAND POCKETS	23	106	50	17	33						1.74

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	
87-130	35Q	63-65.0	VERY STIFF LIGHT GREENISH-GRAY CLAY, WITH SILT POCKETS AND SEAMS	35	86									
87-130	37Q	65-67.0	VERY STIFF LIGHT GREENISH-GRAY CLAY WITH SILT POCKETS AND SEAMS	30	93									
87-130	39Q	67-69.0	VERY STIFF LIGHT GREENISH-GRAY CLAY (CH), WITH SILT AND SANDY SILT POCKETS AND PARTINGS	29	94	52	23	29						2.23
87-130	42Q	71-73	VERY STIFF LIGHT GREENISH-GRAY CLAY, WITH NUMEROUS SAND POCKETS AND SEAMS	33										
87-130	45Q	73-75.0	VERY STIFF GRAY CLAY, WITH SILTY SAND POCKETS AND SEAMS	21										
87-130	47Q	75-77.0	VERY STIFF GRAY CLAY, WITH OCCASIONAL SILT POCKETS	30										
87-130	49Q	77-79.0	VERY STIFF GRAY CLAY, WITH OCCASIONAL SILT POCKETS	34										
87-130	51Q	79-81.0	VERY STIFF GRAY CLAY (CH), WITH SAND POCKETS	39	82	56	23	33						1.95
87-130	53Q	81-83.0	VERY STIFF GRAY CLAY, WITH SANDY SILT POCKETS	34										
87-130	55Q	83-85.0	VERY STIFF GRAY CLAY, WITH OCCASIONAL SILT POCKETS	36										
87-130	57Q	85-87.0	VERY STIFF GRAY CLAY, WITH SAND POCKETS	24										
87-130	58Q	87-89	STIFF GRAY SANDY CLAY (CL), WITH SAND POCKETS	24		37	14	23						