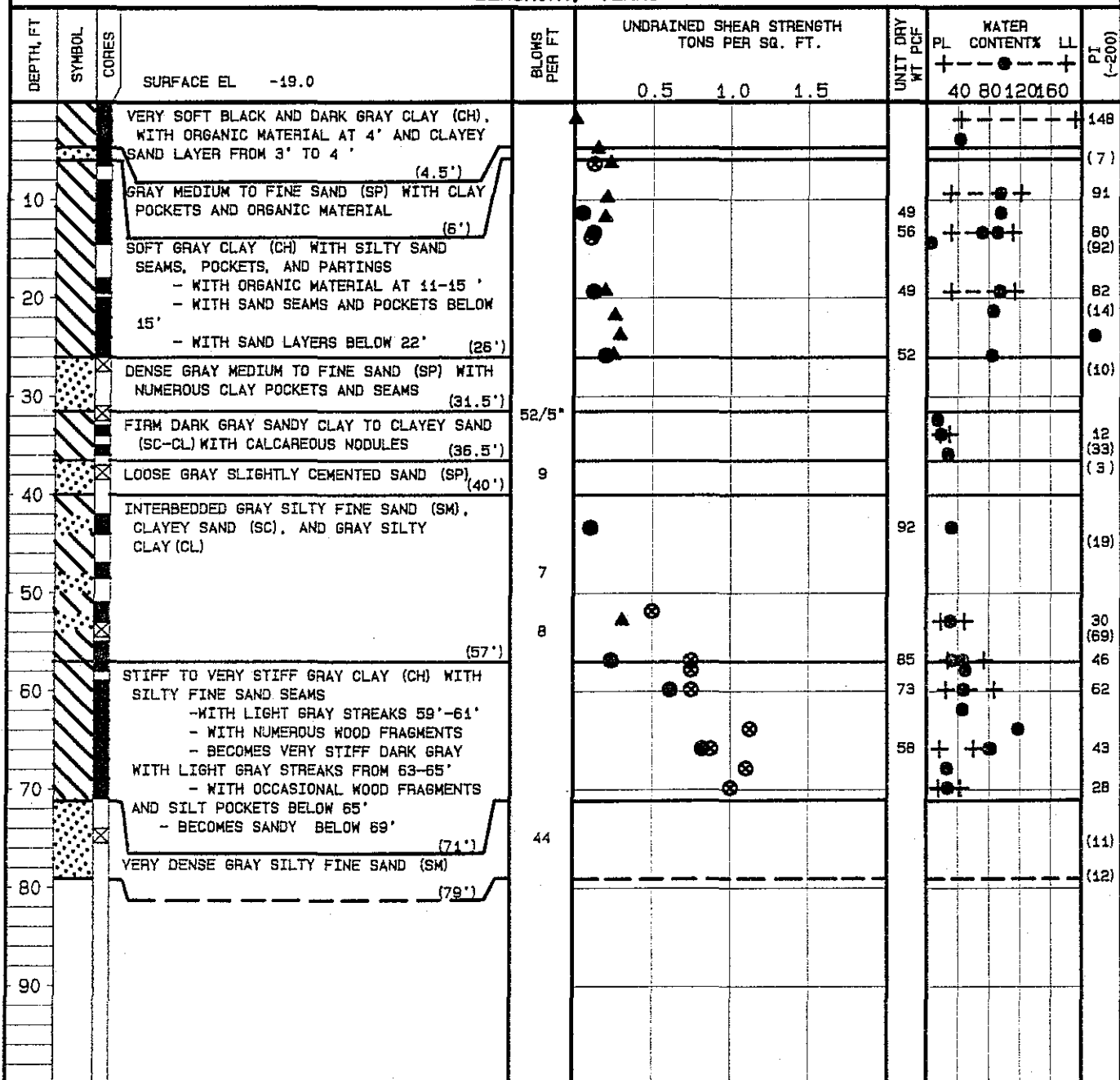


LOG OF BORING and TEST RESULTS

BORING 87-137
U.S. MARITIME ADMINISTRATION
RESERVE FLEET HARBOR
BEAUMONT, TEXAS



Date Started: 08/06/87 Date Completed: 08/07/87
Weather: HOT, AFTERNOON THUNDERSTORMS
Water Depth: 20.5' at 1450 hrs on 08/06/87
Completion Depth: 79' BELOW MUDLINE
Driller: WILLIAMS Technician: HADA
Drill Rig: FAILING 750 TRUCK-MOUNTED
Sampling: 3" THIN-WALLED TUBE AND 2" SPLIT-BARREL SAMPLER
Casing Required: 60' 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
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	
87-137	1J	0-2	VERY SOFT BLACK ORGANIC CLAY (CH)	296		192	44	148						
87-137	3J	2-4	GRAY CLAYEY SAND WITH NUMEROUS SAND POCKETS	43		NP	NP	NP						
87-137	5J	4-6	LIGHT BROWNISH GRAY MEDIUM TO FINE SAND (SP-SM) WITH OCCASIONAL CLAY POCKETS						100	100	81	15	7	
87-137	7Q	8-10	SOFT GRAY CLAY (CH) WITH SAND POCKETS AND PARTINGS AND OCCASIONAL ORGANIC MATERIAL	95	48	122	31	90						
87-137	9Q	10-12	VERY SOFT GRAY CLAY WITH SAND POCKETS AND PARTINGS	96	49									0.11
87-137	11Q	12-14	SOFT GRAY CLAY (CH) WITH SAND POCKETS AND PARTINGS	92	56	112	32	80						0.24
87-137	13J	14-14.5	FIRM GRAY CLAY WITH OCCASIONAL SAND POCKETS AND LIGHT GRAY STREAKS	6					100	100	100	95	92	
87-137	15Q	18-19.5	SOFT GRAY CLAY (CH) WITH SAND POCKETS	94	49	114	32	83						0.25
87-137	16Q	20-22	GRAY MEDIUM TO FINE SAND (SP-SM) WITH SILT AND CLAY POCKETS, PARTINGS AND SEAMS	86					100	100	56	16	14	
87-137	19J	22-24	FIRM GRAY CLAY	217										
87-137	21Q	24-26	SOFT GRAY CLAY WITH OCCASIONAL SAND POCKETS AND ORGANIC MATERIAL	84	52									0.41
87-137	22J	26-27.5	LIGHT GRAY MEDIUM TO FINE SAND (SP-SM) WITH A CLAYEY SAND SEAM						100	100	43	12	10	
87-137	23J	31-32.5	LIGHT GREENISH GRAY CLAYEY SAND WITH SAND POCKETS, CALCAREOUS DEPOSITS AND A SANDY CLAY LAYER ON END	15										
87-137	24J	33-34	LIGHT GREENISH GRAY CLAYEY SAND (SC) WITH SAND POCKETS AND NUMEROUS CALCAREOUS NODULES	19		30	18	12	89	81	71	60	33	
87-137	26J	35-36	LIGHT GREENISH GRAY CLAYEY SAND WITH CLAY POCKETS AND PARTINGS AND NUMEROUS SHELL FRAGMENTS AND CALCAREOUS NODULES	28										
87-137	27J	37-38	LIGHT GREENISH GRAY CEMENTED SAND (SP)-WITH CALCAREOUS NODULES						32	17	7	5	3	
87-137	28Q	42-44	GRAY CLAYEY SAND WITH CLAY AND SAND POCKETS	32	92									0.21
87-137	30J	47-48	GRAY SILTY FINE SAND (SM) WITH A CLAYEY SAND SEAM	28		NP	NP	NP	100	100	99	61	19	
87-137	32Q	51-53	SOFT GRAY CLAY (CL) WITH NUMEROUS SAND AND SILTY SAND POCKETS, PARTINGS AND SEAMS	31	94	49	19	30						

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	
87-137	33J	53-54.5	GRAY SILTY CLAY WITH SAND PARTINGS AND SEAMS						100	100	99	92	70	
87-137	35Q	55-57	FIRM GRAY CLAY (CH) WITH SAND POCKETS AND SEAMS AND SHELL FRAGMENTS	47	85	74	28	46						0.48
87-137	37Q	57-58	STIFF GRAY CLAY WITH SILTY SAND POCKETS	50										
87-137	38Q	59-61	STIFF GRAY CLAY (CH)	47	73	87	25	61						1.23
87-137	40Q	61-63	DARK BROWN WOOD AND GRAY CLAY WITH SAND POCKETS AND ORGANIC MATERIAL	46										
87-137	42Q	63-65	BLACK AND DARK BROWN ORGANIC MATERIAL WITH WOOD	118										
87-137	44Q	65-67	STIFF GRAY CLAY (CH), SLIGHTLY SANDY WITH ORGANIC MATERIAL	82	58	60	17	43						1.64
87-137	46Q	67-69	VERY STIFF LIGHT GREENISH GRAY CLAY WITH SILTY SAND POCKETS AND OCCASIONAL ORGANIC MATERIAL	26										
87-137	48Q	69-71	STIFF LIGHT GREENISH GRAY SANDY CLAY (CL) WITH OCCASIONAL SAND POCKETS AND OCCASIONAL ORGANIC MATERIAL	27		43	15	28						
87-137	50J	74-75.5	LIGHT GRAY SLIGHTLY SILTY FINE SAND(SP-SM)						100	100	100	34	11	
87-137	51J	79.0	LIGHT GRAY SLIGHTLY SILTY FINE SAND (SP-SM)						99	99	95	19	12	