Project : Pelican Island Disposal Area
Galveston, Texas
Contract No. DACW64-92-D-0005 Delivery order No. 0023

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 93-201

11.25

S #	Depth (ft)	P P (tsf)	SPT Blows per Foot	Visual Classification	U S C	M c (%)	Dry Unit Wt (pcf)	Wet Unit Wt (pcf)	L L (%)	P L (%)	Mechanical Analysis % Passing #4	#10	#40	#100	#200	Torvane Shear Strength (tsf)	q u (tsf)
1	0 - 2	0.50		Gray,Clay,Medium stiff,w/sand seams and shell fragments	CH	35.9										0.30	
2	2 - 4	0.00		Gray,Clay,Very soft,w/organic material	CH	63.3										0.10	
3	4 - 6	0.00		Gray,Clay,Very soft.w/hydrocarbon	CH	67.4	60.2	100.7	94	33	100.0	100.0	99.6	99.1	98.0	0.08	0.16
4	6 - 8	0.00		Gray,Clay,Very soft,w/shell fragments	CH	54.1										0.07	
5	8 - 9.5		6	Gray,Sand,Loose,Silty,w/shell fragments	SM												
6	13 - 14.5		21	Gray,Sand,Medium dense,Silty,w/shell fragments	SM												
7	18 - 19.5		5	Gray,Sand,Loose,Silty,w/shell fragments	SM												
8	23 - 24.5		3	Gray,Sand,Very loose,Silty,w/shell fragments	SM												
9	25 - 27	0.00		Gray,Clay,Very soft	CH	37.1	88.3	114.3	66	25	100.0	99.6	98.6	98.4	97.8	0.07	0.15
10	27 - 28.5	0.25	3	Gray,Clay,Soft	CH	50.4											
11	29 - 31	0.00		Gray,Clay,Very soft,w/silt parting	CH	55.8	66.7	103.9								0.10	0.23
12	31 - 33	0.00		Gray,Clay,Very soft,w/silt parting	CH	54.4										0.08	
13	33 - 35	0.00		Gray,Clay,Very soft,w/sand semas	CH	37.0	82.5	113.0	56	23	100.0	100.0	97.8	96.9	96.4	0.09	0.18
14	35 - 37	0.00		Gray,Clay,Very soft,w/sand seams	CH	32.5										0.08	
15	37 - 39	0.00		Gray,Clay,Very soft,w/sand seams	CH	36.1	84.3	114.7								0.09	0.20
16	39 - 41	0.00		Gray,Clay,Very soft,w/sand pockets	CH	44.9										0.09	
17	41 - 42.5		8	Gray,Sand,Loose,Silty	SM												

S # : Sample Number, P P : Pocket Penetrometer Reading, U S C : Unified Soil Classification, M c : Moisture Content
q u : Unconfined Compressive Strength, W O H : Weight of hammer, W O P : Weight of pipe

Geotest Engineering, Inc.

Project : Pelican Island Disposal Area
Galveston, Texas
Contract No. DACW64-92-D-0005 Delivery order No. 0023

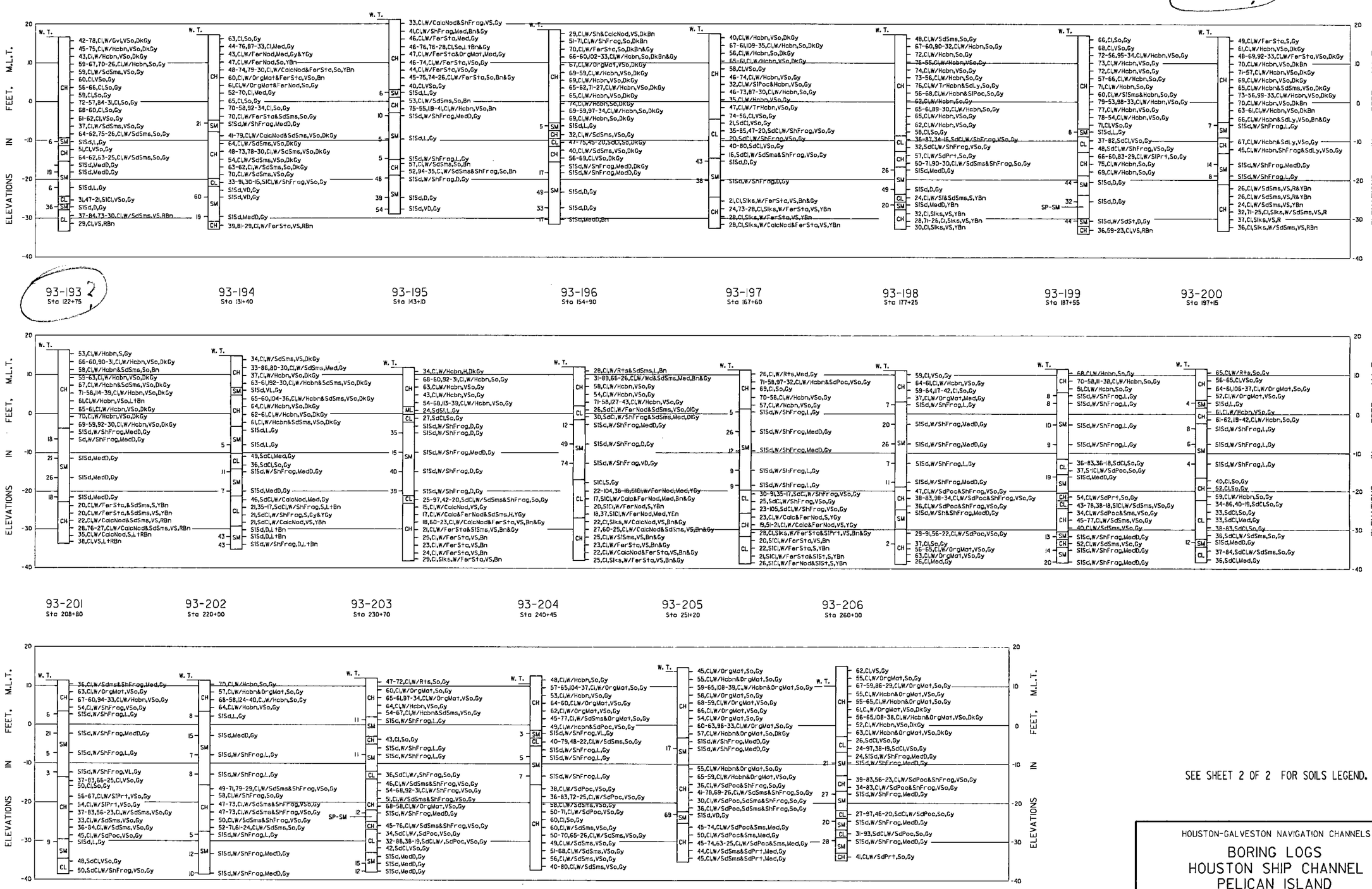
SUMMARY OF LABORATORY TEST RESULTS

Boring No. 93-201

S #	Depth (ft)	P P (tsf)	SPT Blows per Foot	Visual Classification	U S C	M c (%)	Dry Unit Wt (pcf)	Wet Unit Wt (pcf)	L L (%)	P L (%)	Mechanical Analysis % Passing #4	#10	#40	#100	#200	Torvane Shear Strength (tsf)	q u (tsf)
18	46 - 47.5	0.25	3	Gray,Clay,Soft,Sandy	CL	48.1											
19	48.5 - 50	0.25	3	Gray,Clay,Soft,Sandy,w/shell fragments	CL	50.1											

S # : Sample Number, P P : Pocket Penetrometer Reading, U S C : Unified Soil Classification, M c : Moisture Content
q u : Unconfined Compressive Strength, W O H : Weight of hammer, W O P : Weight of pipe

Geotest Engineering, Inc.



SEE SHEET 2 OF 2 FOR SOILS LEGEND.

HOUSTON-GALVESTON NAVIGATION CHANNELS

BORING LOGS
HOUSTON SHIP CHANNEL
PELICAN ISLAND

U.S. ARMY ENGINEER DISTRICT, GALVESTON, TEXAS

SHEET 1 OF 2

EXHIBIT F-

Boring No. EL.	Depth	Top EL.	V/So	So	ED.	ST.
93-199: +8.5'	2'-4'	(11.52)		330		
-12.5	23-25'			290		
-23.5	34'-36'		170			
-27.5	38'-40'		180			
93-200: 9'	2'-4'	(11.65)	210			
7'	4'-6'			290		
-1'	12'-14'			290		
-23'	34'-36'			310		
-29'	40'-42'			290		
-35	46'-48'			270		
93-201: +6.5'	4-6'	(11.45	160			
-14.5	25'-27'		150			
-22.5	33-35'		180			
-26.5	37'-39'		200			
3-202 6.5	4'-6'	(11.46)		250		
-16.5	27-29'		160			
-20.5	31'-33'		210			
-22.5	33-35'		200			
-26.5	37'-39'			260		
93-203: 7'	4'-6	(12.04)	160			
3'	8'-10'		190			
-17'	28'-30'		140			
-21	32'-34'		170			