

Project : Disposal area site adjacent to the Brownsville Ship channel for the
Brazos Island Harbor project near Brownsville, Texas
Contract No. DACW64-92-D-0001 Delivery order No. 0025

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 92-103

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					Torvane Shear Strength (tsf)	q u (tsf)
											#4	#10	#40	#100	#200		
1	0-2	4.5+		Brown,Clay,Hard,w/sand pockets	CH	21.2											
2	2-4	1.75		Brown,Clay,Stiff,w/sand pockets	CH	28.8											
3	4-6	2.25		Gray&brown,Clay,Very stiff,Sandy,w/sand seams	CL	22.9	100.1	123.0	43	18	100.0	99.7	99.0	84.9	65.3		
4	6-8	1.25		Brown,Clay,Stiff,w/sand pockets&mica	CH	26.3											
5	8-10	0.75		Gray&brown,Clay,Medium stiff,w/calcareous nodules&sand pockets	CH	26.1											
6	10-12	0.75		Gray&brown,Clay,Medium stiff,w/calcareous nodules mica&sand pockets	CH	30.6											
7	12-14	0.75		Brown,Clay,Medium stiff,w/sand pockets&sand seams	CH	32.3	92.8	122.8	60	26	99.9	99.7	99.3	98.4	95.0		
8	14-16	2.00		Brown&gray,Clay,Very stiff,w/sand seams	CH	26.3											
9	16-18	0.50		Brown&gray,Clay,Medium stiff,w/calcareous nodules	CH	28.6											
10	18-20	0.75		Gray,Clay,Medium stiff	CH	38.8											
11	20-22	0.50		Gray,Clay,Medium stiff	CH	35.6			57								
12	22-24	0.75		Olive gray,Clay,Medium stiff,w/sand pockets	CH	36.4											
13	24-26	1.25		Gray,Clay,Stiff	CH	35.1											
14	26-28	1.25		Gray,Clay,Stiff	CH	32.9			74								
15	28-30	2.75		Gray,Clay,Very stiff,w/mica	CH	29.7											

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.