

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. 92-104

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)	LL (%)	P L (%)	Mechanical Analysis % Passing					Torvane Shear Strength (tsf)	q u (tsf)
											#4	#10	#40	#100	#200		
1	0-2	3.00		Brown,Clay,Very stiff,w/roots&mica	CH	24.3											
2	2-4	1.75		Brown,Clay,Stiff,w/mica&sand pockets	CH	29.3											
3	4-6	1.25		Brown,Clay,Stiff,w/mica&sand pockets	CH	34.7	86.0	115.9	67	26	99.7	99.4	99.2	94.4	92.7		
4	6-8	1.50		Brown,Clay,Stiff,w/mica&sand pockets	CH	35.3											
5	8-10	2.25		Olive gray,Clay,Very stiff,Sandy,w/sand seams	CL	21.2											
6	10-12	1.25		Brown,Clay,Stiff,w/mica	CH	36.8	85.7	117.2	83	30							
7	12-14	1.50		Brown,Clay,Stiff,w/calcareous nodules mica&sand seams	CH	25.7											
8	14-16	0.25		Gray,Clay,Soft,w/sand pockets	CH	25.7											
9	16-18	0.50		Brown&gray,Clay,Medium stiff,w/sand pockets	CH	25.3											
10	18-20	1.25		Brown&gray,Clay,Stiff,w/sand seams&sand pockets	CH	27.5											
11	20-22	0.50		Gray&brown,Clay,Medium stiff,w/mica&sand pockets	CH	32.2										0.25	
12	22-24	0.75		Gray,Clay,Medium stiff,w/sand pockets	CH	35.2			55							0.30	
13	24-26	0.75		Gray,Clay,Medium stiff,w/sand pockets	CH	40.8											
14	26-28	0.50		Gray,Clay,Medium stiff	CH	40.1										0.25	
15	28-30	0.50		Gray,Clay,Medium stiff,w/mica	CH	40.8											

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.