Project: Aransas National Wildlife Refuge along the Gulf Intracoastal Waterway at Aransas National Wildlife Refuge and Welder Flats
Contract No. DACW64-94-C-0052

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 94-187

S #	Depth (ft)	P P (tsf)	SPT Blows per Foot	Visual Classification	U S C	Mc (%)	Dry Unit Wt (pcf)	Wet Unit Wt (pcf)	L L (%)	PL (%)	Mechanical Analysis % Passing #4	#10	#40	#100	#200	Torvane Shear Strength (tsf)	q u (tsf)
1	0-1.5		W.O.P	Gray,Sand,Very loose,Silty,w/shell fragments	SM												
2	2-3.5		W.O.P.	Gray,Sand,Very loose,Silty	SM						99.6*	98.4*	95.6*	60.7	32.2		
3	4 - 6	0.00		Olive gray,Clay,Very soft,Sandy,w/shell fragments	CL	29.1	90.3	116.6	33	17	99.6*	99.1*	97.6*	82.9	55.9	0.07	0.15
4	6 - 8	0.25		Olive gray,Clay,Soft,Sandy,w/shell fragments	CL	27.3	99.4	126.5	25	15	100.0	99.9	98.8	89.3	54.6		0.25
5	8 - 10	2.00		Olive gray,Clay,Very stiff,Sandy,w/sand partings	CL	20.9											
6	10 - 12	2.00		Olive gray,Clay,Very stiff,Sandy	CL	21.4	107.0	129.9	30	16	100.0	100.0	99.5	79.6	54.5		
7	12-13.5		10	Olive gray,Sand,Medium dense,Silty,w/shell fragments	SM						98.7*	98.4	98.2	53.2	17.7		

S # : Sample Number, P P : Pocket Penetrometer Reading, U S C : Unified Soil Classifcation, M c : Moisture Content
q u : Uncogined Compressive Strength, W O H : Weight of hammer, W O P : Weight of Pipe
*: Material retained are shell fragments