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. 94-179

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	0-1.50		W.O.P.	Gray,Sand,Very loose,Silty,w/shell fragments	SM						100.0	99.6	98.8	72.7	23.9		
2	2-3.5		W.O.H.	Gray,Sand,Very loose,Silty,w/shell fragments	SM						98.4*	96.8*	94.2*	57.7	30.0		
3	4-5.5		9	Olive gray,Sand,Loose,Silty,w/shell fragments	SM						96.6*	93.5*	90.7*	67.7	27.1		
4	6 - 8	0.00	(5)	Olive gray,Clay,Very soft,Sandy,w/shell fragments Soft	CL	25.3	101.4	127.1	31	16	98.1*	95.7*	93.8*	70.8	59.8		0.15
5	8 - 10	0.25	2.00	Olive gray,Clay,Soft,Sandy,w/sand layer V Soft	CL	24.2											
6	10 - 12	0.50	2.5	Olive gray,Clay,Medium stiff,Sandy,w/shell layer V Soft	CL	25.5	101.3	127.1	30	16	11	11					

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