Marsh site F

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. 94-190

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.H.	Gray,Sand,Very loose,Silty,w/shell fragments	SM						99.7*	98.9	97.8	78.7	35.4		
3	4 - 6	0.00		Olive gray,Clay,Very soft,Sandy	CL	27.9	92.2	117.9	28	16	100.0	99.5	98.7	74.2	54.1	0.06	0.11
4	6 - 8	1.00		Olive gray,Clay,Stiff,Sandy	CL	33.0											
5	8-9.5	1.25	W.O.P.	Olive gray,Clay,Stiff,Sandy,w/shell fragments	CL	33.3	87.6	116.8	41	19	99.9*	99.1	98.0	71.1	66.7		1.24
6	10-11.5		20	Olive gray,Sand,Medium dense,Silty	SM						100.0	100.0	99.9	61.3	20.7		
7	11.5-13		21	Olive gray,Sand,Medium dense,Silty	SM												

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