Project. ..nsas National Wildlife Refuge along the Gulf Intracoastal Waterway at Aransas National Wildlife Refuge and Welder Flats

Contract No. DACW64-94-C-0052

SUM.. ..RY OF LABORATORY TEST RESULTS

Boring No. 94-199

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	0.00	W.O.P.	Gray,Clay,Very soft,Silty,w/shell fragments	C L												
2	2-3.5	0.00	W.O.P.	Gray,Clay,Very soft,Silty	C L												
3	4-5.5	0.00	W.O.H.	Gray,Clay,very soft,Silty	C L												
4	6-8	0.00		Gray,Clay,Very soft,Sandy,w/sand seams	C L	48.2	74.1	109.9	48.0	21.0	99.5	98.9	97.7	88.6	73.6	0.05	
5	8-9.5		3	Light gray,Sand,Very loose,Silty	SP-SM						100.0	100.0	100.0	39.9	10.2		
6	10-11.5		6	Light gray,Sand,Loose,Silty	SP-SM						100.0	100.0	99.9	47.4	8.4		
7	11.5-13		5	Light gray,Sand,Loose,Silty	SP-SM						100.0	99.8	99.8	41.1	8.5		

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