

APPENDIX 9
PRE 2001 VIBRACORE COMPOSITE DATA

COMPOSITE SUMMARY TABLE OCEAN ISLE BEACH TERMINAL GROIN PROJECT

VIBRACORE I. D.	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	% SILT
SHI-6 COMPOSITE	0.65	0.14	0.00	0.00	1.1
SHI-7 COMPOSITE	1.25	0.11	0.00	0.00	1.45
SHI-8 COMPOSITE	0.88	0.08	0.00	0.00	1.5
SHI-12 COMPOSITE	0.51	0.34	0.00	0.00	1.5
SHI-13 COMPOSITE	0.46	0.29	0.00	0.00	0.9
SHI-14 COMPOSITE	1.63	0.11	0.00	0.00	1.6
SHALLOTTE INLET BA COMPOSITE	0.86	0.16	0.00	0.00	1.3

COMPOSITE DATA TABLE OCEAN ISLE BEACH TERMINAL GROIN PROJECT

VIBRACORE I. D.	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	% SILT
SHI-6 COMPOSITE	9.0	0.65	0.14	0.00	0.00	1.1
SHI-7 COMPOSITE	7.2	1.2	0.1	0.0	0.0	1.5
SHI-8 COMPOSITE	11.0	0.88	0.08	0.00	0.00	1.5
SHI-12 COMPOSITE	5.5	0.51	0.34	0.00	0.00	1.5
SHI-13 COMPOSITE	4.9	0.46	0.29	0.00	0.00	0.9
SHI-14 COMPOSITE	3.6	1.63	0.11	0.00	0.00	1.6
SHALLOTTE INLET BA COMPOSITE	41.2	0.86	0.16	0.00	0.00	1.3

CUMULATIVE PERCENTS AND COMPUTED DISTRIBUTIONS OCEAN ISLE BEACH TERMINAL GROIN PROJECT (1 OF 1)

SAMPLE I. D.	ELEVATION (MLW)	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	% SILT
SHI-6 #1	-4.0	3.8	1.55	0.34	N/A	N/A	0.8
SHI-6 #2	-9.0	5.2	N/A	N/A	N/A	N/A	1.3
Cut to -15.0' MLW							
% silt estimated from granulometric curves based on the #200 sieve							
SHI-6 COMPOSITE		9.0	0.65	0.14	0.00	0.00	1.1
SHI-7 #1	-8.1	3.3	N/A	N/A	N/A	N/A	1.8
SHI-7 #2	-12.1	3.9	2.30	0.20	N/A	N/A	1.2
Cut to -15.0' MLW							
% silt estimated from granulometric curves based on the #200 sieve							
SHI-7 COMPOSITE		7.2	1.25	0.11	0.00	0.00	1.5
SHI-8 #1	-0.8	4.3	2.25	0.21	N/A	N/A	0.9
SHI-8 #2	-6.8	6.7	N/A	N/A	N/A	N/A	1.9
Cut to -15.0' MLW							
% silt estimated from granulometric curves based on the #200 sieve							
SHI-8 COMPOSITE		11.0	0.88	0.08	0.00	0.00	1.5
SHI-12 #1	-9.8	3.3	0.85	0.56	N/A	N/A	0.8
SHI-12 #2	-12.8	2.2	N/A	N/A	N/A	N/A	2.6
Cut to -15.0' MLW							
% silt estimated from granulometric curves based on the #200 sieve							
SHI-12 COMPOSITE		5.5	0.51	0.34	0.00	0.00	1.5
SHI-13 #1	-9.2	2.3	N/A	N/A	N/A	N/A	1.0
SHI-13 #2	-11.2	2.6	0.86	0.55	N/A	N/A	0.8
Cut to -15.0' MLW							
% silt estimated from granulometric curves based on the #200 sieve							
SHI-13 COMPOSITE		4.9	0.46	0.29	0.00	0.00	0.9
SHI-14 #1	-12.2	2.3	2.55	0.17	N/A	N/A	1.5
SHI-14 #2	-13.7	1.3	N/A	N/A	N/A	N/A	1.8
SHI-14 #3	-21.5	0.0	N/A	N/A	N/A	N/A	5.0
SHI-14 #4	-23.7	0.0	N/A	N/A	N/A	N/A	45.0
Cut to -15.0' MLW							
% silt estimated from granulometric curves based on the #200 sieve							
SHI-14 COMPOSITE		3.6	1.63	0.11	0.00	0.00	1.6

CPE Sieve PHI	Sieve Phi	Sieve #	% Passing	% Retained
-4.25	-4.25	3/4"	100.00	0.00
-4.00				
-3.50				
-3.25	-3.25	3/8"	100.00	0.00
-3.00				
-2.50				
-2.25	-2.25	#4	99.20	0.80
-2.00				
-1.50	-1.50	#7	98.70	1.30
-1.00	-1.00	#10	98.20	1.80
-0.50	-0.50	#14	97.40	2.60
0.00	0.00	#18	96.10	3.90
0.50	0.50	#25	92.80	7.20
1.00	1.00	#35	84.00	16.00
1.50	1.50	#45	66.20	33.80
2.00	2.00	#60	40.40	59.60
2.50	2.50	#80	16.20	83.80
3.00	3.00	#120	2.20	97.80
3.50	3.50	#170	0.70	99.30
3.75	3.75	#200	0.60	99.40
4.00	4.00	#230	0.50	99.50