

APPENDIX 11
POST 2001 VIBRACORE COMPOSITE DATA

**COMPOSITE SUMMARY TABLE
OCEAN ISLE BEACH TERMINAL GROIN PROJECT**

VIBRACORE I. D.	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE
SHI-V-09-04 COMPOSITE	1.62	0.33	0.40	1.34	1.23	1.45	10.5
SHI-V-09-05 COMPOSITE	1.28	0.41	0.48	1.07	1.23	2.78	11.7
SHI-V-09-06 COMPOSITE	1.05	0.48	0.63	0.67	1.35	1.74	21.7
SHI-V-09-07 COMPOSITE	1.36	0.39	0.49	1.02	1.31	1.47	18.6
SHI-V-09-12 COMPOSITE	2.65	0.16	0.17	2.56	0.73	1.60	1.7
SHI-V-09-13 COMPOSITE	2.49	0.18	0.18	2.44	0.47	1.81	0.5
SHI-V-09-14 COMPOSITE	2.49	0.18	0.19	2.42	0.68	2.43	1.4
SHI-V-09-15 COMPOSITE	2.32	0.20	0.21	2.27	0.55	2.37	0.8
OI-05-05 COMPOSITE	1.38	0.38	0.42	1.24	0.98	1.62	32.3
OI-05-06 COMPOSITE	1.95	0.26	0.30	1.74	0.96	1.60	21.4
OI-05-12 COMPOSITE	1.33	0.40	0.44	1.20	1.08	1.79	31.5
OI-05-13 COMPOSITE	1.01	0.50	0.73	0.46	1.68	1.58	35.4
SHALLOTTE INLET BA COMPOSITE	1.78	0.29	0.36	1.47	1.28	1.95	15.5

**COMPOSITE DATA TABLE
OCEAN ISLE BEACH TERMINAL GROIN PROJECT**

VIBRACORE I. D.	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE										PHI SIZES											PAN	
																		-4.25	-4.0	-3.25	-3.50	-3.0	-2.50	-2.25	-2.0	-1.5	-1.0	-0.5		0.0
SHI-V-09-04 COMPOSITE	9.9	1.62	0.33	0.40	1.34	1.23	1.45	10.5	0.00	0.10	0.20	0.30	1.10	1.90	2.70	3.62	4.53	5.78	7.59	10.48	16.38	28.47	44.84	65.96	87.61	97.42	98.48	98.54	98.54	100.00
SHI-V-09-05 COMPOSITE	11.3	1.28	0.41	0.48	1.07	1.23	2.78	11.7	0.00	0.49	0.98	1.47	2.05	2.64	3.22	4.02	4.82	6.08	8.12	11.47	19.60	37.68	59.91	78.58	91.32	96.32	97.07	97.18	97.22	100.00
SHI-V-09-06 COMPOSITE	8.9	1.05	0.48	0.63	0.67	1.35	1.74	21.7	0.00	0.53	1.06	1.59	3.03	4.46	5.90	7.64	9.37	11.68	15.08	19.89	28.99	47.45	73.96	90.68	96.16	97.91	98.21	98.25	98.25	100.00
SHI-V-09-07 COMPOSITE	9.7	1.36	0.39	0.49	1.02	1.31	1.47	18.6	0.33	1.00	1.68	2.35	3.15	3.95	4.75	5.76	6.77	8.26	10.43	13.74	20.18	33.82	56.26	81.65	95.90	98.20	98.44	98.50	98.54	100.00
SHI-V-09-12 COMPOSITE	2.5	2.65	0.16	0.17	2.56	0.73	1.60	1.7	0.00	0.12	0.24	0.36	0.41	0.46	0.50	0.63	0.75	0.85	1.02	1.29	1.66	2.41	3.81	7.27	36.44	80.65	96.94	98.10	98.40	100.00
SHI-V-09-13 COMPOSITE	11.4	2.49	0.18	0.18	2.44	0.47	1.81	0.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.06	0.11	0.19	0.34	0.86	2.68	12.34	50.59	91.55	97.64	98.05	98.20	100.00
SHI-V-09-14 COMPOSITE	8.4	2.49	0.18	0.19	2.42	0.68	2.43	1.4	0.00	0.07	0.14	0.22	0.25	0.29	0.33	0.41	0.49	0.56	0.74	0.96	1.41	2.38	4.74	13.86	50.39	86.52	96.45	97.28	97.57	100.00
SHI-V-09-15 COMPOSITE	11.8	2.32	0.20	0.21	2.27	0.55	2.37	0.8	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.06	0.08	0.14	0.19	0.37	0.83	2.40	7.21	22.47	65.46	93.34	97.18	97.50	97.64	100.00
OI-05-05 COMPOSITE	8.5	1.38	0.38	0.42	1.24	0.98	1.62	32.3	0.00	0.00	0.00	0.00	0.55	1.10	1.65	2.18	2.71	3.52	4.78	7.60	13.67	31.01	55.88	80.19	93.71	97.87	98.31	98.37	98.38	100.00
OI-05-06 COMPOSITE	4.2	1.95	0.26	0.30	1.74	0.96	1.60	21.4	0.00	0.00	0.00	0.00	0.17	0.34	0.51	0.92	1.32	1.91	2.93	4.77	8.47	17.46	31.02	52.22	79.50	95.89	98.09	98.31	98.41	100.00
OI-05-12 COMPOSITE	8.7	1.33	0.40	0.44	1.20	1.08	1.79	31.5	0.00	0.00	0.00	0.00	0.66	1.32	1.98	2.67	3.36	4.46	6.02	9.49	16.32	34.48	57.86	78.94	90.96	97.21	98.09	98.16	98.22	100.00
OI-05-13 COMPOSITE	10.1	1.01	0.50	0.73	0.46	1.68	1.58	35.4	3.90	5.51	7.12	8.73	10.30	11.87	13.43	14.82	16.20	18.32	21.12	26.30	34.62	49.74	64.83	80.18	91.41	97.38	98.16	98.32	98.41	100.00
SHALLOTTE INLET BA COMPOSITE	105.4	1.78	0.29	0.36	1.47	1.28	1.95	15.5	0.40	0.74	1.07	1.40	1.99	2.59	3.18	3.85	4.53	5.51	6.96	9.43	14.33	25.25	40.35	57.67	79.64	95.01	97.78	98.01	98.10	100.00

**CUMULATIVE PERCENTS AND COMPUTED DISTRIBUTIONS
OCEAN ISLE BEACH TERMINAL GROIN PROJECT (2 OF 2)**

SAMPLE I. D.	ELEVATION (MLW)	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE	PHI SIZES																	PAN					
										-4.25	-4.0	-3.50	-3.25	-3.0	-2.50	-2.25	-2.0	-1.5	-1.0	-0.5	0.0	0.5	1.0	1.5	2.0	2.5		3.0	3.5	3.75	4.00	
OI-05-05 #1	-3.4	2.3	1.63	0.32	0.34	1.54	0.72	1.60	27.0	0.00	0.00	0.00	0.00	0.10	0.19	0.29	0.45	0.61	0.97	1.54	2.90	5.82	16.48	40.76	75.99	92.97	97.96	98.38	98.39	98.39	100.00	
OI-05-05 #2	-7.4	4.0	1.50	0.35	0.38	1.41	0.86	1.61	29.0	0.00	0.00	0.00	0.00	0.23	0.45	0.68	1.04	1.40	1.86	2.69	4.41	8.95	25.36	50.22	74.74	92.27	97.80	98.35	98.37	98.38	100.00	
OI-05-05 #3	-11.4	2.2	0.88	0.54	0.65	0.63	1.15	1.64	44.0	0.00	0.00	0.00	0.00	1.61	3.23	4.84	6.06	7.28	9.21	11.96	18.30	30.47	56.48	81.97	94.49	97.11	97.90	98.18	98.34	98.37	100.00	
Cut to -15.0' MLW																																
Values in RED indicate interpolated values.																																
OI-05-05 COMPOSITE		8.5	1.38	0.38	0.42	1.24	0.98	1.62	32.3	0.00	0.00	0.00	0.00	0.55	1.10	1.65	2.18	2.71	3.52	4.78	7.60	13.67	31.01	55.88	80.19	93.71	97.87	98.31	98.37	98.38	100.00	
OI-05-06 #1	-11.1	2.3	1.90	0.27	0.31	1.69	0.95	1.04	20.0	0.00	0.00	0.00	0.00	0.14	0.27	0.41	0.89	1.37	1.96	3.14	5.21	9.47	19.08	32.43	54.18	82.75	97.30	98.87	98.94	98.95	100.00	
OI-05-06 #2	-15.1	1.9	2.00	0.25	0.29	1.80	0.96	2.26	23.0	0.00	0.00	0.00	0.00	0.21	0.43	0.64	0.95	1.26	1.84	2.67	4.23	7.25	15.50	29.32	49.85	75.57	94.19	97.15	97.55	97.75	100.00	
OI-05-06 #3	-16.0	0.0	2.69	0.15	0.16	2.64	0.41	2.54	11.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.13	0.18	0.21	0.42	0.96	4.17	27.80	85.54	96.10	97.21	97.46	100.00	
OI-05-06 #4	-18.8	0.0	2.63	0.16	0.17	2.57	0.55	3.46	6.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.25	0.40	0.55	0.69	0.93	1.30	1.96	6.19	38.38	83.10	94.28	96.08	96.55	100.00	
Cut to -15.0' MLW																																
Values in RED indicate interpolated values.																																
OI-05-06 COMPOSITE		4.2	1.95	0.26	0.30	1.74	0.96	1.60	21.4	0.00	0.00	0.00	0.00	0.17	0.34	0.51	0.92	1.32	1.91	2.93	4.77	8.47	17.46	31.02	52.22	79.50	95.89	98.09	98.31	98.41	100.00	
OI-05-12 #1	-1.8	1.3	2.08	0.24	0.25	2.02	0.58	2.01	18.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.08	0.18	0.37	0.96	3.95	16.55	44.83	78.62	95.81	97.75	97.94	97.99	100.00	
OI-05-12 #2	-3.8	3.5	1.54	0.34	0.37	1.42	0.92	1.63	27.0	0.00	0.00	0.00	0.00	0.28	0.55	0.83	1.16	1.48	2.17	3.13	5.57	10.77	25.42	47.80	75.87	89.37	97.11	98.27	98.33	98.37	100.00	
OI-05-12 #3	-8.8	3.9	0.95	0.52	0.61	0.72	1.10	1.85	40.0	0.00	0.00	0.00	0.00	1.22	2.45	3.67	4.91	6.15	7.98	10.57	16.04	26.42	52.79	80.66	93.07	96.49	97.77	98.04	98.09	98.16	100.00	
Cut to -15.0' MLW																																
Values in RED indicate interpolated values.																																
OI-05-12 COMPOSITE		8.7	1.33	0.40	0.44	1.20	1.08	1.79	31.5	0.00	0.00	0.00	0.00	0.66	1.32	1.98	2.67	3.36	4.46	6.02	9.49	16.32	34.48	57.86	78.94	90.96	97.21	98.09	98.16	98.22	100.00	
OI-05-13 #1	-3.0	1.8	1.50	0.35	0.40	1.33	1.19	1.21	27.0	0.00	0.00	0.00	0.00	0.92	1.84	2.76	3.44	4.11	5.31	6.96	9.87	14.87	28.77	49.81	72.33	84.43	97.15	98.56	98.76	98.80	100.00	
OI-05-13 #2	-6.0	3.0	0.91	0.53	1.06	-0.08	1.99	1.93	35.0	9.58	13.46	17.33	21.21	22.18	23.15	24.12	25.40	26.68	28.96	31.49	35.48	41.10	51.92	65.69	80.59	91.73	97.00	97.76	97.94	98.06	100.00	
OI-05-13 #3	-9.0	3.0	1.45	0.37	0.49	1.04	1.43	1.58	32.0	0.00	0.00	0.00	0.00	1.89	3.78	5.67	7.21	8.74	10.59	12.91	17.17	23.92	36.89	51.62	72.19	90.67	97.33	98.14	98.32	98.43	100.00	
OI-05-13 #4	-12.0	2.3	0.33	0.80	1.23	-0.30	1.52	1.46	47.0	4.61	6.63	8.65	10.67	13.11	15.54	17.98	19.85	21.72	24.70	29.37	39.11	55.58	80.05	92.70	96.19	97.42	98.12	98.39	98.47	98.53	100.00	
Cut to -15.0' MLW																																
Values in RED indicate interpolated values.																																
OI-05-13 COMPOSITE		10.1	1.01	0.50	0.73	0.46	1.68	1.58	35.4	3.90	5.51	7.12	8.73	10.30	11.87	13.43	14.82	16.20	18.32	21.12	26.30	34.62	49.74	64.83	80.18	91.41	97.38	98.16	98.32	98.41	100.00	