

APPENDIX 4
BEACH COMPOSITE SUMMARY TABLES

**PROFILE LINE COMPOSITE SUMMARY TABLE
TOWN OF DUCK NATIVE BEACH SAMPLES**

PROFILE	MEAN (mm)	PHI MEAN	PHI SORTING	SILT (%)	WET MUNSELL VALUE	DRY MUNSELL VALUE	CARBONATE (%)
D-11 COMPOSITE	0.31	1.69	0.99	1.01	5	6	3
D-13 COMPOSITE	0.38	1.40	1.45	1.15	5	6	3
D-15 COMPOSITE	0.29	1.81	1.10	0.99	5	6	2
D-17 COMPOSITE	0.35	1.51	1.51	0.99	6	7	3
D-18 COMPOSITE	0.36	1.47	1.41	0.89	5	6	2
DUNE COMPOSITE	0.39	1.37	0.88	0.77	6	6	
TOE OF DUNE COMPOSITE	0.59	0.77	1.11	0.48	6	7	
MID BERM COMPOSITE	0.49	1.04	1.04	0.43	6	7	
BERM CREST COMPOSITE	0.34	1.54	0.74	0.39	6	7	
MHW COMPOSITE	0.48	1.07	1.22	0.79	6	7	
MTL COMPOSITE	0.69	0.54	1.72	0.80	5	6	
MLW COMPOSITE	0.97	0.04	1.84	0.64	5	6	
TROUGH COMPOSITE	0.21	2.23	0.68	1.12	5	6	
BAR CREST COMPOSITE	0.21	2.22	0.62	1.04	5	6	
-12.5 COMPOSITE	0.20	2.35	0.74	1.26	5	6	
-15.0 COMPOSITE	0.20	2.31	0.69	2.34	4	5	
-17.5 COMPOSITE	0.18	2.46	0.54	1.38	4	5	
-20.0 COMPOSITE	0.16	2.61	0.63	1.66	4	5	
TOTAL BEACH COMPOSITE	0.33	1.58	1.32	1.01	5	6	2

**PROFILE LINE COMPOSITE DATA TABLE
TOWN OF DUCK NATIVE BEACH SAMPLES**

PROFILE	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	WET MUNSELL VALUE	DRY MUNSELL VALUE	CUMULATIVE PERCENT RETAINED (SIEVES EXPRESSED IN PHI)																				% CARBONATE	
							GRAVEL						GRANULAR				SAND											FINES PAN
							-4.25	-4.00	-3.50	-3.00	-2.50	-2.25	-2.00	-1.5	-1.0	-0.5	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	3.75	4.0		
D-11 COMPOSITE	0.31	1.69	0.99	1.01	5	6	0.00	0.00	0.00	0.01	0.02	0.07	0.26	0.89	2.12	4.48	7.70	11.82	18.25	30.94	53.26	82.41	96.53	98.67	98.90	98.99	99.91	3
D-13 COMPOSITE	0.38	1.40	1.45	1.15	5	6	0.00	0.00	0.05	0.38	1.89	2.45	3.22	5.49	8.44	12.86	17.95	23.98	30.74	39.01	52.19	74.95	95.02	98.41	98.75	98.85	99.99	3
D-15 COMPOSITE	0.29	1.81	1.10	0.99	5	6	0.00	0.00	0.00	0.14	0.62	0.77	0.99	1.75	2.99	5.02	7.65	11.40	17.42	27.01	43.47	72.54	94.87	98.54	98.92	99.01	99.95	2
D-17 COMPOSITE	0.35	1.51	1.51	0.99	6	7	0.00	0.00	0.20	1.38	4.35	5.00	5.96	7.56	9.22	11.72	14.49	17.58	22.32	30.91	47.31	75.60	95.43	98.56	98.92	99.01	99.93	3
D-18 COMPOSITE	0.36	1.47	1.41	0.89	4.77	5.77	0.00	0.00	0.14	0.56	1.26	1.71	2.37	3.83	6.68	11.84	17.34	23.01	29.53	38.42	51.82	71.45	94.33	98.63	99.01	99.11	99.98	2
TOTAL BEACH COMPOSITE	0.33	1.58	1.32	1.01	5	6	0.00	0.00	0.08	0.49	1.63	2.00	2.56	3.90	5.89	9.19	13.03	17.56	23.65	33.26	49.61	75.39	95.24	98.56	98.90	98.99	99.95	2

PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY TOWN OF DUCK NATIVE BEACH SAMPLES (1 of 2)				
SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
D-11 Dune	0.47	99.45	0.00	0.08
D-11 Dune Toe	0.30	93.64	5.91	0.15
D-11 Mid Berm	0.46	97.71	1.83	0.00
D-11 Berm Crest	0.38	99.52	0.10	0.00
D-11 MHW	0.83	95.48	3.69	0.00
D-11 MTL	1.03	91.22	7.75	0.00
D-11 MLW	0.97	93.56	5.34	0.13
D-11 Trough	1.13	97.25	1.62	0.00
D-11 Bar Crest	1.18	98.78	0.04	0.00
D-11 (-12.5)	1.24	98.72	0.04	0.00
D-11 (-15.0)	1.31	98.42	0.00	0.27
D-11 (-17.5)	1.49	98.37	0.14	0.00
D-11 (-20.0)	2.39	97.19	0.13	0.29
D-11 COMPOSITE	1.01	96.87	2.05	0.07
D-13 Dune	0.18	91.85	6.79	1.18
D-13 Dune Toe	0.64	79.11	18.53	1.72
D-13 Mid Berm	0.63	96.50	1.25	1.62
D-13 Berm Crest	0.31	99.20	0.49	0.00
D-13 MHW	0.68	88.28	8.82	2.22
D-13 MTL	0.68	60.31	23.40	15.61
D-13 MLW	0.69	72.82	17.31	9.18
D-13 Trough	1.01	98.38	0.61	0.00
D-13 Bar Crest	0.94	99.01	0.05	0.00
D-13 (-12.5)	1.10	98.76	0.14	0.00
D-13 (-15.0)	5.70	94.24	0.06	0.00
D-13 (-17.5)	1.24	98.65	0.11	0.00
D-13 (-20.0)	1.18	98.19	0.35	0.28
D-13 COMPOSITE	1.15	90.41	5.99	2.45

PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY TOWN OF DUCK NATIVE BEACH SAMPLES (2 of 2)				
SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
D-15 Dune	0.95	98.67	0.28	0.10
D-15 Dune Toe	0.43	98.36	1.21	0.00
D-15 Mid Berm	0.42	97.79	0.34	1.45
D-15 Berm Crest	0.25	99.41	0.34	0.00
D-15 MHW	1.11	98.66	0.23	0.00
D-15 MTL	1.05	92.67	5.36	0.92
D-15 MLW	0.55	76.57	15.51	7.37
D-15 Trough	1.16	98.75	0.09	0.00
D-15 Bar Crest	1.18	97.93	0.89	0.00
D-15 (-12.5)	1.35	94.60	3.82	0.23
D-15 (-15.0)	1.50	98.47	0.03	0.00
D-15 (-17.5)	1.30	98.12	0.58	0.00
D-15 (-20.0)	1.58	98.30	0.12	0.00
D-15 COMPOSITE	0.99	96.02	2.22	0.77
D-17 Dune	1.58	97.95	0.47	0.00
D-17 Dune Toe	0.68	98.28	1.04	0.00
D-17 Mid Berm	0.41	98.64	0.95	0.00
D-17 Berm Crest	0.36	98.77	0.68	0.19
D-17 MHW	0.84	97.14	1.60	0.42
D-17 MTL	0.66	64.80	17.83	16.71
D-17 MLW	0.42	21.54	30.83	47.21
D-17 Trough	1.25	98.64	0.11	0.00
D-17 Bar Crest	1.04	98.96	0.00	0.00
D-17 (-12.5)	1.38	98.62	0.00	0.00
D-17 (-15.0)	1.29	98.71	0.00	0.00
D-17 (-17.5)	1.47	97.88	0.65	0.00
D-17 (-20.0)	1.50	97.38	0.62	0.50
D-17 COMPOSITE	0.99	89.79	4.21	5.00
D-18 Dune	0.66	99.31	0.03	0.00
D-18 Dune Toe	0.35	90.01	8.79	0.85
D-18 Mid Berm	0.21	92.55	7.24	0.00
D-18 Berm Crest	0.64	99.17	0.19	0.00
D-18 MHW	0.50	81.82	14.70	2.98
D-18 MTL	0.59	77.78	13.95	7.68
D-18 MLW	0.55	72.38	18.23	8.84
D-18 Trough	1.06	98.82	0.12	0.00
D-18 Bar Crest	0.85	99.08	0.07	0.00
D-18 (-12.5)	1.24	98.13	0.36	0.27
D-18 (-15.0)	1.90	97.44	0.65	0.01
D-18 (-17.5)	1.40	98.54	0.06	0.00
D-18 (-20.0)	1.64	96.52	0.29	1.55
D-18 COMPOSITE	0.89	92.43	4.98	1.71
TOTAL BEACH COMPOSITE	1.01	93.10	3.89	2.00

**PROFILE LINE COMPOSITE SUMMARY TABLE
KITTY HAWK NATIVE BEACH SAMPLES**

PROFILE	MEAN (mm)	PHI MEAN	PHI SORTING	SILT (%)	WET MUNSELL VALUE	DRY MUNSELL VALUE	CARBONATE (%)
KH 0+00 COMPOSITE	0.39	1.37	1.25	0.93	5	6	2
KH 50+00 COMPOSITE	0.40	1.31	1.52	0.90	5	7	2
KH 75+00 COMPOSITE	0.44	1.17	1.51	0.98	5	7	3
KH 110+00 COMPOSITE	0.38	1.39	1.47	0.88	5	7	2
KH 160+00 COMPOSITE	0.32	1.64	1.25	1.00	5	7	2
DUNE COMPOSITE	0.59	0.76	1.07	0.41	6	7	
TOE OF DUNE COMPOSITE	0.78	0.35	1.00	0.38	5	6	
MID BERM COMPOSITE	0.51	0.96	1.05	0.47	6	7	
BERM CREST COMPOSITE	0.39	1.35	0.92	0.46	6	7	
MHW COMPOSITE	0.45	1.16	1.33	1.06	5	7	
MTL COMPOSITE	0.56	0.83	1.45	0.99	5	7	
MLW COMPOSITE	1.41	-0.50	1.45	0.76	6	7	
TROUGH COMPOSITE	0.57	0.80	1.75	1.00	5	7	
BAR CREST COMPOSITE	0.20	2.30	0.59	1.25	5	7	
-12.5 COMPOSITE	0.20	2.32	0.52	1.22	5	7	
-15.0 COMPOSITE	0.19	2.43	0.49	1.23	5	7	
-17.5 COMPOSITE	0.17	2.55	0.47	1.35	4	6	
-20.0 COMPOSITE	0.16	2.63	0.46	1.63	4	5	
TOTAL BEACH COMPOSITE	0.38	1.38	1.41	0.94	5	7	2

**PROFILE LINE COMPOSITE DATA TABLE
KITTY HAWK NATIVE BEACH SAMPLES**

PROFILE	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	WET MUNSELL VALUE	DRY MUNSELL VALUE	CUMULATIVE PERCENT RETAINED (SIEVES EXPRESSED IN PHI)																				% CARBONATE	
							GRAVEL						GRANULAR			SAND												FINES PAN
							-4.25	-4.00	-3.50	-3.00	-2.50	-2.25	-2.00	-1.5	-1.0	-0.5	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	3.75	4.0		
KH 0+00 COMPOSITE	0.39	1.37	1.25	0.93	5	6	0.00	0.00	0.00	0.00	0.11	0.28	0.78	2.46	5.46	9.64	15.27	24.47	35.09	44.28	57.38	80.20	96.97	98.89	99.04	99.07	99.94	2
KH 50+00 COMPOSITE	0.40	1.31	1.52	0.90	5	7	0.00	0.00	0.00	0.18	2.58	3.61	5.35	7.98	10.67	14.43	19.13	25.23	32.27	38.98	52.48	78.38	96.48	98.81	99.03	99.10	99.96	2
KH 75+00 COMPOSITE	0.44	1.17	1.51	0.98	5	7	0.00	0.00	0.00	0.23	1.18	1.99	3.64	7.11	10.71	16.06	23.36	31.19	39.81	45.71	59.11	78.45	95.78	98.66	98.95	99.02	99.94	3
KH 110+00 COMPOSITE	0.38	1.39	1.47	0.88	5	7	0.00	0.00	0.23	0.47	0.98	1.47	2.20	4.85	9.50	15.20	21.20	26.10	30.35	35.66	48.89	77.50	96.14	98.83	99.07	99.12	99.96	2
KH 160+00 COMPOSITE	0.32	1.64	1.25	1.00	5	7	0.00	0.00	0.00	0.18	0.64	0.84	1.21	2.22	3.76	6.94	12.12	19.03	27.40	34.65	44.56	71.05	94.73	98.44	98.86	99.00	99.96	2
TOTAL BEACH COMPOSITE	0.38	1.38	1.41	0.94	5	7	0.00	0.00	0.05	0.21	1.10	1.64	2.64	4.92	8.02	12.45	18.22	25.20	32.98	39.86	52.48	77.12	96.02	98.73	98.99	99.06	99.95	2

PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY KITTY HAWK 2014 NATIVE BEACH SAMPLES (1 of 2)				
SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
KH 0+00 #01 Dune	0.50	94.34	4.53	0.63
KH 0+00 #02 Dune Toe	0.10	94.12	5.78	0.00
KH 0+00 #03 Mid Berm	0.27	90.94	8.70	0.09
KH 0+00 #04 Berm Crest	0.39	96.64	2.97	0.00
KH 0+00 #05 MHW	1.26	98.65	0.09	0.00
KH 0+00 #06 MTL	1.08	80.52	17.16	1.24
KH 0+00 #07 MLW	0.83	70.05	27.44	1.68
KH 0+00 #08 Trough	1.03	98.63	0.34	0.00
KH 0+00 #09 Bar Crest	1.14	98.86	0.00	0.00
KH 0+00 #10 (-12.5)	1.26	98.72	0.02	0.00
KH 0+00 #11 (-15)	1.20	98.80	0.00	0.00
KH 0+00 #12 (-17.5)	1.36	98.64	0.00	0.00
KH 0+00 #13 (-20)	1.65	98.08	0.27	0.00
KH 0+00 COMPOSITE	0.93	93.61	5.18	0.28
KH 50+00 #01 Dune	0.36	84.84	14.48	0.32
KH 50+00 #02 Dune Toe	0.30	92.96	6.33	0.41
KH 50+00 #03 Mid Berm	0.15	96.81	2.72	0.32
KH 50+00 #04 Berm Crest	0.46	99.52	0.02	0.00
KH 50+00 #05 MHW	1.23	96.48	2.29	0.00
KH 50+00 #06 MTL	1.03	97.05	1.75	0.17
KH 50+00 #07 MLW	0.59	37.47	34.07	27.87
KH 50+00 #08 Trough	0.66	53.54	29.02	16.78
KH 50+00 #09 Bar Crest	1.17	97.51	0.28	1.04
KH 50+00 #10 (-12.5)	1.31	98.68	0.01	0.00
KH 50+00 #11 (-15)	1.27	98.71	0.00	0.00
KH 50+00 #12 (-17.5)	1.39	98.30	0.31	0.00
KH 50+00 #13 (-20)	1.50	97.81	0.47	0.00
KH 50+00 COMPOSITE	0.90	88.44	7.06	3.61
KH 75+00 #01 Dune	0.47	99.53	0.00	0.00
KH 75+00 #02 Dune Toe	0.60	96.63	2.77	0.00
KH 75+00 #03 Mid Berm	0.37	95.59	3.94	0.10
KH 75+00 #04 Berm Crest	0.68	98.42	0.90	0.00
KH 75+00 #05 MHW	0.70	79.57	19.05	0.68
KH 75+00 #06 MTL	0.71	60.47	34.16	4.66
KH 75+00 #07 MLW	0.54	29.77	49.46	20.23
KH 75+00 #08 Trough	1.08	96.94	1.98	0.00
KH 75+00 #09 Bar Crest	1.32	98.41	0.27	0.00
KH 75+00 #10 (-12.5)	1.31	98.17	0.52	0.00
KH 75+00 #11 (-15)	1.39	98.46	0.15	0.00
KH 75+00 #12 (-17.5)	1.54	98.42	0.04	0.00
KH 75+00 #13 (-20)	2.07	97.66	0.05	0.22
KH 75+00 COMPOSITE	0.98	88.31	8.71	1.99
PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY KITTY HAWK 2014 NATIVE BEACH SAMPLES (2 of 2)				
SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
KH 110+00 #01 Dune	0.41	83.26	16.33	0.00
KH 110+00 #02 Dune Toe	0.31	70.83	28.55	0.31
KH 110+00 #03 Mid Berm	0.32	99.25	0.42	0.00
KH 110+00 #04 Berm Crest	0.38	99.48	0.14	0.00
KH 110+00 #05 MHW	1.42	97.88	0.70	0.00
KH 110+00 #06 MTL	1.17	98.51	0.31	0.00
KH 110+00 #07 MLW	0.92	84.41	10.88	3.79
KH 110+00 #08 Trough	0.61	37.36	46.97	15.06
KH 110+00 #09 Bar Crest	1.36	98.62	0.02	0.00
KH 110+00 #10 (-12.5)	1.06	98.94	0.00	0.00
KH 110+00 #11 (-15)	1.04	98.96	0.00	0.00
KH 110+00 #12 (-17.5)	1.09	98.90	0.01	0.00
KH 110+00 #13 (-20)	1.38	98.62	0.00	0.00
KH 110+00 COMPOSITE	0.88	89.62	8.03	1.47
KH 160+00 #01 Dune	0.29	99.67	0.04	0.00
KH 160+00 #02 Dune Toe	0.58	98.64	0.78	0.00
KH 160+00 #03 Mid Berm	1.19	98.28	0.50	0.00
KH 160+00 #04 Berm Crest	0.41	99.29	0.30	0.00
KH 160+00 #05 MHW	0.70	80.66	11.95	6.69
KH 160+00 #06 MTL	0.93	84.40	11.45	3.22
KH 160+00 #07 MLW	0.93	85.80	12.35	0.92
KH 160+00 #08 Trough	1.61	98.26	0.13	0.00
KH 160+00 #09 Bar Crest	1.25	98.66	0.09	0.00
KH 160+00 #10 (-12.5)	1.15	98.77	0.08	0.00
KH 160+00 #11 (-15)	1.22	98.71	0.07	0.00
KH 160+00 #12 (-17.5)	1.39	98.54	0.07	0.00
KH 160+00 #13 (-20)	1.34	98.48	0.14	0.04
KH 160+00 COMPOSITE	1.00	95.24	2.92	0.84
TOTAL BEACH COMPOSITE	0.94	91.04	6.38	1.64

**PROFILE LINE COMPOSITE SUMMARY TABLE
KILL DEVIL HILLS NATIVE BEACH SAMPLES**

PROFILE	MEAN (mm)	PHI MEAN	PHI SORTING	SILT (%)	WET MUNSELL VALUE	DRY MUNSELL VALUE	CARBONATE (%)
KDH210+00 COMPOSITE	0.31	1.67	1.18	0.96	5	7	2
KDH235+00 COMPOSITE	0.30	1.76	1.29	0.92	5	7	2
KDH260+00 COMPOSITE	0.35	1.52	1.22	0.84	5	7	2
KDH290+00 COMPOSITE	0.42	1.24	1.52	0.87	6	6	2
KDH320+00 COMPOSITE	0.45	1.15	1.50	0.90	5	7	3
DUNE COMPOSITE	0.41	1.29	0.72	0.32	6	7	
TOE OF DUNE COMPOSITE	0.55	0.85	0.97	0.45	5	7	
MID BERM COMPOSITE	0.59	0.77	0.96	0.48	5	7	
BERM CREST COMPOSITE	0.38	1.41	0.83	0.39	5	7	
MHW COMPOSITE	0.74	0.44	1.30	0.57	6	7	
MTL COMPOSITE	0.73	0.46	1.81	0.85	6	7	
MLW COMPOSITE	0.91	0.14	1.71	0.68	5	7	
TROUGH COMPOSITE	0.24	2.07	0.92	1.02	5	7	
BAR CREST COMPOSITE	0.29	1.78	1.34	1.23	5	7	
-12.5 COMPOSITE	0.19	2.43	0.52	1.37	4	7	
-15.0 COMPOSITE	0.18	2.44	0.61	1.38	4	7	
-17.5 COMPOSITE	0.19	2.43	0.80	1.43	4	6	
-20.0 COMPOSITE	0.16	2.62	0.47	1.49	4	7	
TOTAL BEACH COMPOSITE	0.36	1.47	1.37	0.90	5	7	2

**PROFILE LINE COMPOSITE DATA TABLE
KILL DEVIL HILLS NATIVE BEACH SAMPLES**

PROFILE	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	WET MUNSELL VALUE	DRY MUNSELL VALUE	CUMULATIVE PERCENT RETAINED (SIEVES EXPRESSED IN PHI)																				% CARBONATE	
							GRAVEL						GRANULAR			SAND												FINES PAN
							-4.25	-4.00	-3.50	-3.00	-2.50	-2.25	-2.00	-1.5	-1.0	-0.5	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	3.75	4.0		
KDH210+00 COMPOSITE	0.31	1.67	1.18	0.96	5	7	0.00	0.00	0.00	0.00	0.20	0.39	0.69	1.62	2.89	5.34	9.55	16.80	27.32	36.87	50.27	69.95	92.16	98.48	98.96	99.04	99.92	2
KDH235+00 COMPOSITE	0.30	1.76	1.29	0.92	5	7	0.00	0.00	0.00	0.08	0.67	1.07	1.88	3.54	5.56	8.67	11.92	15.39	20.21	27.50	40.99	66.69	93.40	98.64	99.00	99.08	99.96	2
KDH260+00 COMPOSITE	0.35	1.52	1.22	0.84	5	7	0.00	0.00	0.39	0.47	0.74	0.99	1.49	2.61	4.10	7.01	11.51	17.88	28.83	39.88	53.39	77.21	96.90	98.99	99.13	99.16	99.96	2
KDH290+00 COMPOSITE	0.42	1.24	1.52	0.87	6	6	0.00	0.00	0.14	0.37	1.74	2.49	3.66	7.02	11.67	16.82	21.47	27.16	35.78	43.35	55.64	78.36	96.21	98.91	99.09	99.13	99.88	2
KDH320+00 COMPOSITE	0.45	1.15	1.50	0.90	5	7	0.00	0.00	0.31	1.11	2.33	3.16	4.66	6.98	9.60	13.83	20.56	29.03	40.92	50.67	60.42	78.97	96.30	98.78	99.03	99.10	99.94	3
TOTAL BEACH COMPOSITE	0.36	1.47	1.37	0.90	5	7	0.00	0.00	0.17	0.41	1.14	1.62	2.48	4.36	6.77	10.34	15.00	21.25	30.61	39.65	52.14	74.24	94.99	98.76	99.04	99.10	99.93	2

**PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY
KILL DEVIL HILLS NATIVE BEACH SAMPLES (1 of 2)**

SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
KDH210 #01 Dune	0.32	99.33	0.35	0.00
KDH210 #02 Dune Toe	0.54	95.04	4.42	0.00
KDH210 #03 Mid Berm	0.28	99.46	0.26	0.00
KDH210 #04 Berm Crest	0.50	94.61	4.89	0.00
KDH210 #05 MHW	0.69	92.10	6.59	0.62
KDH210 #06 MTL	1.00	95.26	3.03	0.71
KDH210 #07 MLW	0.71	87.67	8.39	3.23
KDH210 #08 Trough	0.84	95.15	3.71	0.30
KDH210 #09 Bar Crest	1.59	98.41	0.00	0.00
KDH210 #10 (-12.5)	1.54	98.45	0.01	0.00
KDH210 #11 (-15)	1.43	98.46	0.11	0.00
KDH210 #12 (-17.5)	1.45	97.67	0.65	0.23
KDH210 #13 (-20)	1.54	98.41	0.05	0.00
KDH210+00 COMPOSITE	0.96	96.16	2.50	0.39
KDH235 #01 Dune	0.36	99.43	0.21	0.00
KDH235 #02 Dune Toe	0.29	84.89	13.63	1.19
KDH235 #03 Mid Berm	0.28	96.20	3.45	0.07
KDH235 #04 Berm Crest	0.29	99.55	0.16	0.00
KDH235 #05 MHW	0.42	95.23	4.15	0.20
KDH235 #06 MTL	0.73	61.60	25.83	11.84
KDH235 #07 MLW	0.92	88.25	10.36	0.47
KDH235 #08 Trough	1.23	98.77	0.00	0.00
KDH235 #09 Bar Crest	1.33	98.66	0.01	0.00
KDH235 #10 (-12.5)	1.64	98.34	0.02	0.00
KDH235 #11 (-15)	1.39	98.14	0.36	0.11
KDH235 #12 (-17.5)	1.68	98.30	0.02	0.00
KDH235 #13 (-20)	1.44	98.30	0.26	0.00
KDH235+00 COMPOSITE	0.92	93.51	4.50	1.07
KDH260 #01 Dune	0.32	99.39	0.29	0.00
KDH260 #02 Dune Toe	0.31	96.61	2.69	0.39
KDH260 #03 Mid Berm	0.20	98.42	1.38	0.00
KDH260 #04 Berm Crest	0.17	99.25	0.55	0.00
KDH260 #05 MHW	0.53	91.77	6.79	0.91
KDH260 #06 MTL	1.36	98.52	0.12	0.00
KDH260 #07 MLW	0.41	59.60	28.48	11.51
KDH260 #08 Trough	1.13	98.82	0.05	0.00
KDH260 #09 Bar Crest	1.38	98.57	0.05	0.00
KDH260 #10 (-12.5)	1.02	98.87	0.00	0.00
KDH260 #11 (-15)	1.27	98.68	0.05	0.00
KDH260 #12 (-17.5)	1.23	98.76	0.01	0.00
KDH260 #13 (-20)	1.45	98.50	0.05	0.00
KDH260+00 COMPOSITE	0.84	95.06	3.12	0.99

**PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY
KILL DEVIL HILLS NATIVE BEACH SAMPLES (2 of 2)**

SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
KDH290 #01 Dune	0.33	99.60	0.07	0.00
KDH290 #02 Dune Toe	0.57	98.93	0.50	0.00
KDH290 #03 Mid Berm	0.41	84.84	14.75	0.00
KDH290 #04 Berm Crest	0.65	98.68	0.67	0.00
KDH290 #05 MHW	0.50	78.49	19.04	1.97
KDH290 #06 MTL	0.71	62.15	22.61	14.53
KDH290 #07 MLW	0.48	27.67	57.16	14.69
KDH290 #08 Trough	1.04	97.17	1.22	0.57
KDH290 #09 Bar Crest	1.09	95.13	3.20	0.58
KDH290 #10 (-12.5)	1.46	98.47	0.07	0.00
KDH290 #11 (-15)	1.31	98.69	0.00	0.00
KDH290 #12 (-17.5)	1.37	98.56	0.07	0.00
KDH290 #13 (-20)	1.33	98.62	0.05	0.00
KDH290+00 COMPOSITE	0.87	87.46	9.19	2.49
KDH320 #01 Dune	0.29	99.67	0.04	0.00
KDH320 #02 Dune Toe	0.55	98.74	0.71	0.00
KDH320 #03 Mid Berm	1.24	98.08	0.68	0.00
KDH320 #04 Berm Crest	0.32	99.44	0.24	0.00
KDH320 #05 MHW	0.70	80.66	11.95	6.69
KDH320 #06 MTL	0.44	48.97	27.88	22.71
KDH320 #07 MLW	0.89	80.78	15.24	3.09
KDH320 #08 Trough	0.85	96.83	2.32	0.00
KDH320 #09 Bar Crest	0.74	73.65	20.86	4.75
KDH320 #10 (-12.5)	1.06	98.94	0.00	0.00
KDH320 #11 (-15)	1.50	97.89	0.61	0.00
KDH320 #12 (-17.5)	1.43	91.76	2.97	3.84
KDH320 #13 (-20)	1.70	98.11	0.19	0.00
KDH320+00 COMPOSITE	0.90	89.50	6.44	3.16
TOTAL BEACH COMPOSITE	0.90	92.34	5.15	1.62