

APPENDIX 16
PROPOSED BORROW AREAS COMPOSITE SUMMARY TABLES

**COMPOSITE SUMMARY TABLE
DARE COUNTY 2014 VIBRACORES (2 of 3)**

SAMPLE I. D.	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE	WET MUNSELL COLOR	DRY MUNSELL COLOR
DCVC-14-36 COMPOSITE	9.2	1.56	0.34	0.37	1.45	0.77	0.85	1	4	5
DCVC-14-37 COMPOSITE	13.8	1.19	0.44	0.47	1.09	0.78	0.69	1	4	6
DCVC-14-38 COMPOSITE	11.4	0.89	0.54	0.57	0.82	0.85	0.75	2	5	6
DCVC-14-39 COMPOSITE	8.2	1.90	0.27	0.30	1.73	0.82	0.89	2	4	6
DCVC-14-40 COMPOSITE	7.1	2.06	0.24	0.26	1.97	0.58	0.72	1	4	6
DCVC-14-41 COMPOSITE	3.2	1.63	0.32	0.37	1.43	0.89	0.85	2	5	6
DCVC-14-42 COMPOSITE	3.1	1.63	0.32	0.37	1.45	0.92	0.97	2	5	6
DCVC-14-43 COMPOSITE	5.6	1.89	0.27	0.28	1.84	0.59	0.92	1	5	6
DCVC-14-44 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN									
DCVC-14-45 COMPOSITE	7.1	1.45	0.37	0.39	1.36	0.67	1.15	1	5	6
DCVC-14-46 COMPOSITE	8.9	1.36	0.39	0.42	1.25	0.87	0.65	1	5	6
DCVC-14-47 COMPOSITE	7.3	1.59	0.33	0.36	1.46	0.87	0.83	2	5	6
DCVC-14-48 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN									
DCVC-14-49 COMPOSITE	6.1	1.39	0.38	0.40	1.33	0.68	0.79	1	5	6
DCVC-14-50 COMPOSITE	7.1	1.66	0.32	0.34	1.54	0.76	1.15	1	4	5
DCVC-14-51 COMPOSITE	10.2	1.55	0.34	0.38	1.41	0.74	0.61	1	5	6
DCVC-14-52 COMPOSITE	11.9	1.47	0.36	0.38	1.38	0.75	0.73	1	5	6
DCVC-14-53 COMPOSITE	9.3	1.15	0.45	0.50	1.00	0.97	0.83	2	5	6
DCVC-14-54 COMPOSITE	9.6	1.22	0.43	0.50	0.99	1.21	0.70	3	5	6
DCVC-14-55 COMPOSITE	8.3	1.71	0.31	0.33	1.59	0.74	0.79	0	4	5
DCVC-14-56 COMPOSITE	5.9	2.31	0.20	0.20	2.32	0.39	1.05	1	5	7
DCVC-14-57 COMPOSITE	11.7	1.69	0.31	0.33	1.61	0.69	0.75	0	5	6
DCVC-14-58 COMPOSITE	10.2	1.90	0.27	0.31	1.71	0.89	1.16	1	5	6
DCVC-14-59 COMPOSITE	5.3	1.89	0.27	0.29	1.81	0.64	0.85	1	4	6
DCVC-14-60 COMPOSITE	8.3	1.85	0.28	0.29	1.79	0.65	0.87	0	4	6
DCVC-14-61 COMPOSITE	11.3	1.42	0.37	0.40	1.31	0.85	0.97	1	4	6
DCVC-14-62 COMPOSITE	8.1	1.13	0.46	0.49	1.02	1.07	0.69	2	5	6
DCVC-14-63 COMPOSITE	10.4	1.84	0.28	0.30	1.74	0.69	0.79	0	5	6
DCVC-14-64 COMPOSITE	12.6	0.95	0.52	0.54	0.88	0.92	0.76	2	4	5
DCVC-14-65 COMPOSITE	6.2	1.30	0.41	0.49	1.04	1.23	0.94	3	6	6
DCVC-14-66 COMPOSITE	11.4	1.61	0.33	0.36	1.48	0.88	0.54	2	5	6
DCVC-14-67 COMPOSITE	8.2	2.02	0.25	0.27	1.87	0.89	1.75	1	3	5
DCVC-14-68 COMPOSITE	2.0	2.28	0.21	0.22	2.21	0.70	1.70	1	4	5
DCVC-14-69 COMPOSITE	11.8	1.72	0.30	0.31	1.67	0.60	0.77	0	4	6
DCVC-14-70 COMPOSITE	11.1	1.87	0.27	0.29	1.79	0.67	0.83	1	5	6

**COMPOSITE SUMMARY TABLE
DARE COUNTY 2014 VIBRACORES (3 of 3)**

SAMPLE I. D.	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE	WET MUNSELL VALUE	DRY MUNSELL VALUE
DCVC-14-71 COMPOSITE	8.7	1.72	0.30	0.34	1.57	0.84	0.72	2	5	6
DCVC-14-72 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN									
DCVC-14-73 COMPOSITE	1.6	1.87	0.27	0.30	1.75	0.98	1.46	8	4	5
DCVC-14-74 COMPOSITE	6.0	2.12	0.23	0.27	1.88	0.92	1.20	7	4	6
DCVC-14-75 COMPOSITE	0.5	2.39	0.19	0.22	2.21	0.85	2.02	5	4	5
DCVC-14-76 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN									
DCVC-14-77 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN									
DCVC-14-78 COMPOSITE	5.1	2.53	0.17	0.20	2.32	0.82	1.75	5	4	5
DCVC-14-79 COMPOSITE	2.0	2.55	0.17	0.19	2.41	0.74	2.32	4	4	5
DCVC-14-80 COMPOSITE	6.6	1.96	0.26	0.31	1.68	1.08	1.17	10	4	5
DCVC-14-81 COMPOSITE	2.7	0.80	0.58	0.68	0.56	1.37	1.12	18	6	7
DCVC-14-82 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN									
DCVC-14-83 COMPOSITE	5.2	2.04	0.24	0.34	1.56	1.30	1.32	9	5	7
DCVC-14-84 COMPOSITE	7.9	2.40	0.19	0.19	2.37	0.52	1.41	1	5	6
DCVC-14-85 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN									
DCVC-14-86 COMPOSITE	1.7	2.10	0.23	0.27	1.91	0.86	1.59	5	5	5
DCVC-14-87 COMPOSITE	5.6	2.18	0.22	0.24	2.08	0.70	1.29	4	6	7
DCVC-14-88 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN									
DCVC-14-89 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN									
DCVC-14-90 COMPOSITE	3.6	2.27	0.21	0.25	2.01	1.00	1.39	10	5	5
DCVC-14-91 COMPOSITE	1.5	2.51	0.18	0.20	2.33	0.81	2.13	5	4	6
DCVC-14-92 COMPOSITE	3.6	2.41	0.19	0.21	2.25	0.85	1.66	4	4	5
DCVC-14-93 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN									
DCVC-14-94 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN									
DCVC-14-95 COMPOSITE	6.9	1.97	0.26	0.27	1.90	0.58	0.86	1	5	6
DCVC-14-96 COMPOSITE	6.5	1.90	0.27	0.30	1.75	0.80	0.93	1	5	6
DCVC-14-97 COMPOSITE	5.0	1.47	0.36	0.44	1.18	1.19	0.78	5	5	6
DCVC-14-98 COMPOSITE	7.4	1.83	0.28	0.30	1.75	0.68	0.69	1	5	6
DCVC-14-99 COMPOSITE	10.0	1.82	0.28	0.29	1.77	0.59	0.80	0	5	7
DCVC-14-100 COMPOSITE	8.9	2.06	0.24	0.26	1.94	0.76	0.84	2	5	6
BORROW AREA A	432.0	1.63	0.32	0.36	1.47	0.90	0.83	1	5	6
BORROW AREA C	79.2	2.12	0.23	0.28	1.83	1.09	1.36	8	5	6

**COMPOSITE DATA TABLE
DARE COUNTY 2014 VIBRACORES (1 of 4)**

SAMPLE I. D.	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE	WET MUNSELL VALUE	DRY MUNSELL VALUE	CUMULATIVE PERCENT RETAINED (SIEVES EXPRESSED IN PHI)																	FINES PAN			
											GRAVEL					GRANULAR				SAND											
											-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
DCVC-14-01 COMPOSITE	7.3	1.72	0.30	0.32	1.64	0.77	1.07	1	5	4	0.00	0.00	0.00	0.00	0.05	0.16	0.19	0.33	0.55	1.32	2.80	6.24	16.88	37.58	65.73	89.94	96.84	98.51	98.84	98.93	99.94
DCVC-14-02 COMPOSITE	12.7	1.44	0.37	0.38	1.38	0.79	0.81	1	5	7	0.00	0.00	0.00	0.04	0.06	0.16	0.19	0.37	0.73	2.15	5.31	11.68	25.18	53.35	78.93	94.52	98.38	99.03	99.17	99.19	99.99
DCVC-14-03 COMPOSITE	7.1	1.13	0.46	0.54	0.89	1.18	0.72	2	5	7	0.00	0.00	0.00	0.80	1.24	1.71	2.66	5.46	8.84	12.37	18.03	27.98	44.34	66.68	85.45	96.17	98.64	99.11	99.23	99.28	99.90
DCVC-14-04 COMPOSITE	14.3	1.24	0.42	0.45	1.14	0.83	0.63	1	5	7	0.00	0.00	0.00	0.03	0.15	0.18	0.37	1.20	1.74	4.41	8.90	17.52	34.83	65.81	87.66	97.06	99.07	99.30	99.34	99.37	99.90
DCVC-14-05 COMPOSITE	15.8	1.64	0.32	0.35	1.51	0.75	0.90	2	5	7	0.00	0.00	0.21	0.34	0.37	0.49	0.54	0.65	0.83	1.33	2.53	7.58	19.33	39.62	77.38	95.49	98.50	99.01	99.08	99.10	99.87
DCVC-14-06 COMPOSITE	4.7	1.90	0.27	0.30	1.76	0.86	1.07	1	5	6	0.00	0.00	0.00	0.45	0.66	0.78	0.84	1.24	1.55	2.34	3.73	6.61	11.12	24.43	56.20	88.61	96.78	98.40	98.81	98.93	99.88
DCVC-14-07 COMPOSITE	3.9	1.99	0.25	0.26	1.93	0.57	0.62	1	5	7	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.14	0.41	0.60	0.95	1.72	4.76	15.06	50.57	90.76	97.81	99.15	99.31	99.38	100.00
DCVC-14-08 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-09 COMPOSITE	10.8	1.04	0.49	0.61	0.71	1.27	0.62	2	5	7	0.00	0.00	0.00	0.33	1.05	2.36	3.48	7.24	12.93	18.62	24.47	35.41	48.36	70.09	86.58	96.79	98.81	99.22	99.32	99.36	100.00
DCVC-14-10 COMPOSITE	4.4	2.15	0.23	0.23	2.11	0.50	0.70	1	5	7	0.00	0.00	0.00	0.00	0.00	0.15	0.15	0.18	0.26	0.36	0.61	0.90	1.98	5.22	34.74	84.79	97.12	98.90	99.19	99.30	99.97
DCVC-14-11 COMPOSITE	6.2	1.74	0.30	0.32	1.63	0.77	0.78	2	5	7	0.00	0.00	0.00	0.39	0.46	0.46	0.53	0.83	1.17	1.77	3.21	6.16	13.41	33.45	67.96	94.30	98.41	99.04	99.15	99.21	99.98
DCVC-14-12 COMPOSITE	9.5	1.87	0.27	0.33	1.60	1.14	0.85	4	5	7	0.00	0.00	0.87	1.51	2.48	2.76	3.04	3.68	4.47	5.49	6.97	9.30	15.24	27.33	58.02	91.19	97.76	98.85	99.04	99.13	99.94
DCVC-14-13 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-14 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-15 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-16 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-17 COMPOSITE	3.8	1.59	0.33	0.39	1.35	1.09	1.07	11	6	6	0.00	0.00	0.00	0.00	0.27	1.06	1.71	2.99	4.67	7.45	10.92	15.90	27.28	44.85	72.10	89.64	97.56	98.56	98.84	98.93	99.94
DCVC-14-18 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-19 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-20 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-21 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-22 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-23 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-24 COMPOSITE	0.8	2.15	0.23	0.27	1.88	0.98	1.12	6	5	5	0.00	0.00	0.00	0.12	0.31	0.74	0.94	1.64	2.41	3.87	6.08	8.75	13.31	20.22	37.68	79.62	96.20	98.16	98.68	98.88	100.00
DCVC-14-25 COMPOSITE	1.5	1.06	0.48	0.64	0.65	1.45	1.15	23	4	5	0.00	0.00	0.91	3.27	5.72	6.34	7.73	10.25	13.76	18.91	24.37	32.28	47.50	69.26	87.13	95.64	98.18	98.64	98.78	98.85	99.86
DCVC-14-26 COMPOSITE	10.0	2.20	0.22	0.25	1.99	0.92	1.32	6	5	7	0.00	0.00	0.00	0.24	0.61	0.70	0.88	1.45	2.19	3.26	4.59	6.23	8.97	16.00	34.36	74.24	96.70	98.26	98.57	98.68	99.94

**COMPOSITE DATA TABLE
DARE COUNTY 2014 VIBRACORES (2 of 4)**

SAMPLE I. D.	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE	WET MUNSELL VALUE	DRY MUNSELL VALUE	CUMULATIVE PERCENT RETAINED (SIEVES EXPRESSED IN PHI)																			FINES PAN	
											GRAVEL					GRANULAR				SAND											
											-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
DCVC-14-27 COMPOSITE	5.1	1.64	0.32	0.44	1.18	1.41	1.10	16	4	6	0.00	0.00	0.99	2.16	3.35	3.85	4.60	6.00	8.77	12.87	17.71	23.09	30.64	43.66	66.10	90.95	97.97	98.66	98.84	98.90	99.95
DCVC-14-28 COMPOSITE	4.4	1.64	0.32	0.37	1.42	1.03	1.21	10	5	6	0.00	0.00	0.00	0.00	0.15	0.51	0.97	2.14	3.60	6.33	10.09	14.73	23.79	43.00	68.62	90.95	97.69	98.38	98.66	98.79	99.96
DCVC-14-29 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-30 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-31 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-32 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-33 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-34 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-35 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-36 COMPOSITE	9.2	1.56	0.34	0.37	1.45	0.77	0.85	1	4	5	0.00	0.00	0.00	0.53	0.53	0.81	0.87	1.09	1.31	1.93	3.58	7.35	17.47	45.49	82.10	96.05	98.55	99.01	99.11	99.13	99.92
DCVC-14-37 COMPOSITE	13.8	1.19	0.44	0.47	1.09	0.78	0.69	1	4	6	0.00	0.00	0.00	0.00	0.00	0.04	0.09	0.45	1.35	3.71	8.74	19.29	38.66	68.88	91.04	97.58	99.06	99.24	99.28	99.29	99.96
DCVC-14-38 COMPOSITE	11.4	0.89	0.54	0.57	0.82	0.85	0.75	2	5	6	0.00	0.00	0.00	0.00	0.16	0.42	0.68	1.62	3.27	7.09	13.93	27.32	56.51	80.36	93.31	98.57	99.14	99.23	99.24	99.25	99.99
DCVC-14-39 COMPOSITE	8.2	1.90	0.27	0.30	1.73	0.82	0.89	2	4	6	0.00	0.00	0.05	0.16	0.28	0.34	0.56	0.93	1.57	2.72	4.41	7.01	12.46	24.41	56.34	92.22	98.11	98.98	99.09	99.13	99.98
DCVC-14-40 COMPOSITE	7.1	2.06	0.24	0.26	1.97	0.58	0.72	1	4	6	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.12	0.25	0.64	1.22	2.17	4.82	12.88	44.93	89.77	97.47	99.09	99.23	99.28	99.97
DCVC-14-41 COMPOSITE	3.2	1.63	0.32	0.37	1.43	0.89	0.85	2	5	6	0.00	0.00	0.00	0.09	0.43	0.81	1.10	1.59	2.61	4.28	6.89	11.10	20.31	40.73	77.42	96.20	98.50	99.08	99.15	99.17	99.91
DCVC-14-42 COMPOSITE	3.1	1.63	0.32	0.37	1.45	0.92	0.97	2	5	6	0.00	0.00	0.00	0.92	1.15	1.19	1.39	1.76	2.29	3.55	5.77	10.27	19.55	40.57	76.92	94.21	98.12	98.84	98.98	99.03	99.83
DCVC-14-43 COMPOSITE	5.6	1.89	0.27	0.28	1.84	0.59	0.92	1	5	6	0.00	0.00	0.00	0.00	0.04	0.04	0.08	0.22	0.31	0.62	1.15	2.47	6.41	19.31	58.94	92.01	98.11	98.90	99.03	99.09	99.85
DCVC-14-44 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-45 COMPOSITE	7.1	1.45	0.37	0.39	1.36	0.67	1.15	1	5	6	0.00	0.00	0.00	0.00	0.16	0.17	0.19	0.36	0.72	1.60	3.75	8.36	21.29	52.90	87.66	97.26	98.68	98.83	98.85	98.85	99.77
DCVC-14-46 COMPOSITE	8.9	1.36	0.39	0.42	1.25	0.87	0.65	1	5	6	0.00	0.00	0.07	0.07	0.23	0.30	0.47	0.94	1.89	4.37	8.35	15.36	31.86	56.96	82.24	96.39	98.81	99.23	99.31	99.34	99.90
DCVC-14-47 COMPOSITE	7.3	1.59	0.33	0.36	1.46	0.87	0.83	2	5	6	0.00	0.00	0.00	0.00	0.00	0.04	0.14	0.28	0.84	2.41	6.02	13.41	26.28	45.66	70.26	92.77	97.39	98.65	98.99	99.17	99.96
DCVC-14-48 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-49 COMPOSITE	6.1	1.39	0.38	0.40	1.33	0.68	0.79	1	5	6	0.00	0.00	0.00	0.00	0.05	0.08	0.12	0.26	0.51	1.63	3.88	9.32	25.22	57.07	85.99	97.22	98.78	99.10	99.17	99.18	99.85
DCVC-14-50 COMPOSITE	7.1	1.66	0.32	0.34	1.54	0.76	1.15	1	4	5	0.00	0.00	0.00	0.00	0.19	0.28	0.37	0.57	1.09	1.99	3.77	7.69	17.28	38.68	73.31	94.95	97.81	98.34	98.68	98.86	99.78
DCVC-14-51 COMPOSITE	10.2	1.55	0.34	0.38	1.41	0.74	0.61	1	5	6	0.00	0.00	0.00	0.00	0.09	0.21	0.26	0.65	1.20	2.51	5.24	9.78	20.31	45.97	83.78	97.39	99.09	99.33	99.37	99.39	99.95
DCVC-14-52 COMPOSITE	11.9	1.47	0.36	0.38	1.38	0.75	0.73	1	5	6	0.00	0.00	0.00	0.00	0.07	0.07	0.31	0.62	1.10	2.45	5.14	9.60	22.19	51.69	83.98	96.59	98.66	99.09	99.19	99.25	99.91

**COMPOSITE DATA TABLE
DARE COUNTY 2014 VIBRACORES (4 of 4)**

SAMPLE I. D.	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE	WET MUNSELL VALUE	DRY MUNSELL VALUE	CUMULATIVE PERCENT RETAINED (SIEVES EXPRESSED IN PHI)																FINES PAN				
											GRAVEL						GRANULAR				SAND										
											-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
DCVC-14-79 COMPOSITE	2.0	2.55	0.17	0.19	2.41	0.74	2.32	4	4	5	0.00	0.00	0.00	0.00	0.07	0.10	0.18	0.65	1.01	1.71	2.27	3.03	4.17	6.39	11.49	45.49	90.12	95.60	97.21	97.68	99.92
DCVC-14-80 COMPOSITE	6.6	1.96	0.26	0.31	1.68	1.08	1.17	10	4	5	0.00	0.00	0.42	0.56	0.84	1.13	1.56	2.28	3.48	5.48	7.98	11.13	16.44	28.34	51.97	83.88	97.03	98.52	98.79	98.83	99.91
DCVC-14-81 COMPOSITE	2.7	0.80	0.58	0.68	0.56	1.37	1.12	18	6	7	0.00	0.00	0.51	1.06	3.51	4.15	5.95	9.46	14.20	20.56	28.61	39.72	56.90	72.78	85.14	95.66	98.52	98.80	98.86	98.88	99.88
DCVC-14-82 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-83 COMPOSITE	5.2	2.04	0.24	0.34	1.56	1.30	1.32	9	5	7	0.00	0.00	0.15	0.96	1.81	2.17	2.66	3.66	5.60	8.57	12.52	17.58	24.80	32.28	47.68	80.28	96.57	98.00	98.48	98.68	99.86
DCVC-14-84 COMPOSITE	7.9	2.40	0.19	0.19	2.37	0.52	1.41	1	5	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.12	0.27	0.42	0.75	1.21	4.15	16.93	58.74	93.14	96.98	98.25	98.59	99.88
DCVC-14-85 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-86 COMPOSITE	1.7	2.10	0.23	0.27	1.91	0.86	1.59	5	5	5	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.42	1.15	2.18	3.71	6.56	12.66	23.42	43.52	76.71	94.96	97.26	98.06	98.41	99.92
DCVC-14-87 COMPOSITE	5.6	2.18	0.22	0.24	2.08	0.70	1.29	4	6	7	0.00	0.00	0.00	0.00	0.27	0.61	0.63	0.92	1.28	1.70	2.04	2.62	4.19	7.62	31.81	81.41	96.90	98.23	98.56	98.71	99.91
DCVC-14-88 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-89 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-90 COMPOSITE	3.6	2.27	0.21	0.25	2.01	1.00	1.39	10	5	5	0.00	0.00	0.00	0.00	0.54	0.69	0.73	1.41	2.05	3.36	5.18	7.97	12.70	19.45	32.26	65.23	94.70	97.49	98.29	98.61	100.00
DCVC-14-91 COMPOSITE	1.5	2.51	0.18	0.20	2.33	0.81	2.13	5	4	6	0.00	0.00	0.00	0.00	0.15	0.27	0.35	0.85	1.44	2.11	2.74	3.42	4.78	8.46	17.67	49.57	90.72	95.70	97.28	97.87	100.00
DCVC-14-92 COMPOSITE	3.6	2.41	0.19	0.21	2.25	0.85	1.66	4	4	5	0.00	0.00	0.00	0.00	0.09	0.50	0.67	0.96	1.33	1.82	2.60	3.66	7.01	12.26	22.26	55.72	89.52	96.22	97.78	98.34	100.00
DCVC-14-93 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-94 COMPOSITE											VIBRACORE NOT USED IN BORROW AREA DESIGN																				
DCVC-14-95 COMPOSITE	6.9	1.97	0.26	0.27	1.90	0.58	0.86	1	5	6	0.00	0.00	0.00	0.00	0.07	0.08	0.20	0.33	0.52	0.80	1.21	2.08	4.79	15.21	52.51	91.58	98.24	99.00	99.08	99.13	99.99
DCVC-14-96 COMPOSITE	6.5	1.90	0.27	0.30	1.75	0.80	0.93	1	5	6	0.00	0.00	0.00	0.04	0.30	0.38	0.56	0.80	1.19	1.97	3.59	6.39	12.58	25.89	55.98	90.51	97.58	98.84	99.04	99.07	99.84
DCVC-14-97 COMPOSITE	5.0	1.47	0.36	0.44	1.18	1.19	0.78	5	5	6	0.00	0.00	0.44	1.48	2.59	2.70	3.18	4.16	5.89	8.67	12.60	18.89	30.81	51.01	77.81	95.26	98.40	99.06	99.16	99.21	99.93
DCVC-14-98 COMPOSITE	7.4	1.83	0.28	0.30	1.75	0.68	0.69	1	5	6	0.00	0.00	0.00	0.00	0.00	0.05	0.18	0.28	0.42	0.86	1.80	4.34	11.59	27.94	60.99	91.70	98.18	99.08	99.26	99.33	99.98
DCVC-14-99 COMPOSITE	10.0	1.82	0.28	0.29	1.77	0.59	0.80	0	5	7	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.08	0.20	0.45	1.13	3.04	8.27	25.59	63.98	93.30	98.18	99.07	99.20	99.21	99.97
DCVC-14-100 COMPOSITE	8.9	2.06	0.24	0.26	1.94	0.76	0.84	2	5	6	0.00	0.00	0.72	0.72	0.99	0.99	0.99	1.00	1.07	1.33	1.72	2.61	5.07	13.11	44.74	88.75	97.85	99.04	99.15	99.16	99.97
BORROW AREA A	432.0	1.63	0.32	0.36	1.47	0.90	0.83	1.34	5	6	0.00	0.00	0.06	0.22	0.40	0.52	0.68	1.16	2.00	3.56	6.26	11.49	22.58	42.57	71.39	93.32	98.08	98.93	99.10	99.17	99.94
BORROW AREA C	79.2	2.12	0.23	0.28	1.83	1.09	1.36	7.68	5	6	0.00	0.00	0.14	0.38	0.83	1.09	1.43	2.16	3.30	5.02	7.18	10.06	15.18	24.11	41.88	74.49	95.49	97.80	98.42	98.64	99.92

**CUMULATIVE PERCENTS AND COMPUTED DISTRIBUTIONS
DARE COUNTY 2014 VIBRACORES (2 of 8)**

SAMPLE I. D.	ELEVATION (NAVD 88)	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE	WET MUNSELL VALUE	DRY MUNSELL VALUE	CUMULATIVE PERCENT RETAINED (SIEVES EXPRESSED IN PHI)																										
												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							
DCVC-14-12#1	-55.9	1.5	0.99	0.50	0.81	0.31	1.78	0.89	17	5	7	0.00	0.00	5.52	9.31	12.76	14.01	15.01	18.14	21.59	25.41	30.39	37.53	50.35	70.40	89.28	97.37	98.82	99.10	99.11	99.11	99.88						
DCVC-14-12#2	-57.1	1.2	1.68	0.31	0.36	1.47	1.01	0.85	3	5	7	0.00	0.00	0.00	0.00	1.85	2.20	2.67	3.04	3.73	4.85	6.49	9.80	19.84	37.15	72.24	94.12	98.28	99.02	99.12	99.15	99.92						
DCVC-14-12#3	-58.9	1.6	1.82	0.28	0.33	1.60	0.99	0.85	3	5	7	0.00	0.00	0.00	0.24	1.36	1.59	2.00	2.56	3.19	4.43	6.28	9.21	16.70	28.77	62.09	92.05	98.09	98.92	99.07	99.15	99.97						
DCVC-14-12#4	-64.2	5.2	2.06	0.24	0.25	2.00	0.52	0.88	0	5	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.21	0.54	1.07	3.60	12.19	44.47	88.47	97.23	98.71	99.00	99.12	99.96						
DCVC-14-12#5	-68.8	0.0	2.29	0.20	0.21	2.25	0.61	1.32	1	5	7	0.00	0.00	0.00	0.45	0.45	0.45	0.45	0.51	0.55	0.64	0.72	0.96	1.71	5.10	19.86	72.02	94.12	97.94	98.62	98.68	100.00						
Cut to -65.0 FT NAVD 88																																						
DCVC-14-12 COMPOSITE		9.5	1.87	0.27	0.33	1.60	1.14	0.85	4	5	7	0.00	0.00	0.87	1.51	2.48	2.76	3.04	3.68	4.47	5.49	6.97	9.30	15.24	27.33	58.02	91.19	97.76	98.85	99.04	99.13	99.94						
DCVC-14-13#1	-63.0	0.0	1.90	0.27	0.30	1.73	0.79	0.65	N/A	4	5	0.00	0.00	0.00	0.00	0.00	0.11	0.25	0.37	0.88	1.82	3.56	6.99	14.88	29.06	55.23	90.73	97.61	99.00	99.25	99.35	100.00						
DCVC-14-13#2	-66.4	0.0	2.30	0.20	0.22	2.21	0.84	1.32	N/A	4	5	0.00	0.00	0.78	0.78	0.91	0.91	0.96	1.14	1.40	1.68	1.95	2.44	3.92	8.22	22.01	69.31	91.14	96.95	98.20	98.68	99.95						
DCVC-14-13#3	-69.7	0.0	2.33	0.20	0.20	2.30	0.58	3.96	N/A	4	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.05	0.23	1.37	7.31	25.31	63.10	86.69	93.26	95.23	96.04	99.73						
DCVC-14-13 COMPOSITE														VIBRACORE NOT USED IN BORROW AREA DESIGN																								
DCVC-14-14#1	-62.8	0.0	1.90	0.27	0.28	1.82	0.76	1.09	N/A	5	5	0.00	0.00	0.00	0.00	0.48	0.51	0.51	0.94	1.21	1.80	2.68	4.58	8.51	20.00	57.39	86.32	98.00	98.68	98.85	98.91	99.90						
DCVC-14-14#5	-65.3	0.0	1.94	0.26	0.33	1.58	1.04	12.71	N/A	3	5	0.00	0.00	0.00	0.00	0.95	1.35	1.62	2.17	3.45	4.78	7.07	10.42	15.29	25.55	53.34	81.42	85.76	86.78	87.14	87.29	100.00						
DCVC-14-14#2	-66.6	0.0	1.52	0.35	0.41	1.30	0.97	0.81	N/A	5	5	0.00	0.00	0.00	0.00	0.15	0.21	0.66	1.16	2.35	5.16	10.19	18.39	33.08	49.24	73.53	95.25	98.41	99.02	99.13	99.19	99.93						
DCVC-14-14#3	-69.1	0.0	2.19	0.22	0.24	2.05	0.78	1.54	N/A	4	6	0.00	0.00	0.00	0.00	0.30	0.32	0.83	1.20	1.54	1.94	2.46	3.45	5.99	12.24	32.38	79.35	94.72	97.66	98.25	98.46	99.82						
DCVC-14-14#4	-70.8	0.0	2.68	0.16	0.16	2.67	0.62	5.50	N/A	4	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.13	0.18	0.38	1.42	10.54	41.25	65.74	82.97	91.00	94.50	99.98						
DCVC-14-14 COMPOSITE														VIBRACORE NOT USED IN BORROW AREA DESIGN																								
DCVC-14-15#1	-62.6	0.0	2.36	0.19	0.20	2.35	0.62	1.99	N/A	5	5	0.00	0.00	0.00	0.00	0.07	0.11	0.11	0.28	0.41	0.73	1.00	1.36	2.06	4.23	16.16	63.31	89.17	94.56	96.69	98.01	99.99						
DCVC-14-15 COMPOSITE														VIBRACORE NOT USED IN BORROW AREA DESIGN																								
DCVC-14-16#1	-62.1	0.0	2.46	0.18	0.19	2.42	0.62	1.70	3	4	5	0.00	0.00	0.00	0.00	0.21	0.21	0.21	0.32	0.56	0.78	1.00	1.28	2.00	4.05	11.23	53.63	89.76	95.76	97.52	98.30	99.99						
DCVC-14-16#2	-66.2	0.0	2.57	0.17	0.18	2.50	0.65	5.32	3	4	5	0.00	0.00	0.00	0.00	0.19	0.24	0.28	0.35	0.41	0.59	0.84	1.13	1.94	3.71	10.12	44.96	81.40	89.85	93.28	94.68	99.99						
DCVC-14-16#3	-68.0	0.0	2.32	0.20	0.24	2.06	1.11	3.68	11	4	5	0.00	0.00	0.00	0.00	0.63	0.79	1.16	2.06	3.43	4.98	6.53	8.11	11.14	17.16	29.47	61.13	87.12	92.77	95.16	96.32	99.98						
DCVC-14-16 COMPOSITE														VIBRACORE NOT USED IN BORROW AREA DESIGN																								
DCVC-14-17#1	-63.1	3.6	1.55	0.34	0.41	1.29	1.07	0.92	11	6	6	0.00	0.00	0.00	0.00	0.27	1.10	1.78	3.12	4.89	7.80	11.45	16.69	28.69	47.20	75.85	93.21	98.33	98.93	99.05	99.08	99.94						
DCVC-14-17#2	-66.0	0.0	2.30	0.20	0.22	2.19	0.70	0.86	3	5	7	0.00	0.00	0.00	0.00	0.22	0.22	0.38	0.56	0.94	1.34	1.82	2.50	4.29	9.90	25.23	66.27	96.77	98.70	99.06	99.14	99.95						
DCVC-14-17#3	-67.6	0.2	2.71	0.15	0.16	2.63	0.65	3.76	3	4	6	0.00	0.00	0.00	0.00	0.21	0.38	0.46	0.59	0.80	1.08	1.35	1.63	1.99	2.54	4.57	25.29	83.63	91.93	95.05	96.24	99.95						
Cut to -65.0 FT NAVD 88																																						
DCVC-14-17 COMPOSITE		3.8	1.59	0.33	0.39	1.35	1.09	1.07	11	6	6	0.00	0.00	0.00	0.00	0.27	1.06	1.71	2.99	4.67	7.45	10.92	15.90	27.28	44.85	72.10	89.64	97.56	98.56	98.84	98.93	99.94						
DCVC-14-18#1	-70.6	0.0	2.40	0.19	0.22	2.21	0.89	1.53	5	4	5	0.00	0.00	0.00	0.00	0.41	0.51	0.53	0.93	1.41	2.19	3.19	4.95	8.13	13.17	23.50	56.85	91.48	96.46	97.89	98.47	100.00						
DCVC-14-18 COMPOSITE														VIBRACORE NOT USED IN BORROW AREA DESIGN																								
DCVC-14-19#1	-66.3	0.0	2.61	0.16	0.18	2.44	0.84	3.45	N/A	5	5	0.00	0.00	0.00	0.00	0.07	0.18	0.30	0.70	1.28	1.98	2.57	3.44	5.12	7.79	14.00	40.93	81.87	91.75	95.03	96.55	100.00						
DCVC-14-19#2	-69.3	0.0	2.70	0.15	0.19	2.38	1.31	4.92	N/A	4	4	0.00	0.00	1.34	2.23	2.48	2.48	2.69	3.38	4.04	4.85	5.49	6.37	7.60	9.44	13.70	33.14	75.13	88.09	92.69	95.08	99.81						
DCVC-14-19 COMPOSITE														VIBRACORE NOT USED IN BORROW AREA DESIGN																								
DCVC-14-20#1	-65.7	0.0	2.47	0.18	0.18	2.44	0.65	2.70	N/A	4	5	0.00	0.00	0.00	0.00	0.02	0.07	0.14	0.37	0.68	0.99	1.65	2.53	4.40	13.98	52.16	85.12	92.97	95.84	97.30	99.77							
DCVC-14-20#2	-69.7	0.0	2.25	0.21	0.42	1.25	2.05	4.13	N/A	4	5	0.00	0.00	1.59	4.36	6.94	8.36	9.83	12.44	16.55	22.04	26.53	31.75	36.76	39.64	43.62	56.25	80.58	90.21	94.15	95.87	99.84						
DCVC-14-20 COMPOSITE														VIBRACORE NOT USED IN BORROW AREA DESIGN																								
DCVC-14-21#1	-66.7	0.0	2.43	0.19	0.19	2.43	0.50	2.45	N/A	4	5	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.11	0.27	0.48	0.87	2.21	11.88	56.49	89.22	94.90	96.66	97.55	99.88							
DCVC-14-21 COMPOSITE														VIBRACORE NOT USED IN BORROW AREA DESIGN																								
DCVC-14-22#1	-67.1	0.0	1.65	0.32	0.43	1.22	1.42	1.19	N/A	4	6	0.00	0.00	1.19	1.19	3.82	4.50	5.07	6.71	8.60	11.45	15.56	21.52	32.61	44.74	62.81	88.46	97.15	98.42	98.69	98.81	99.96						
DCVC-14-22 COMPOSITE														VIBRACORE NOT USED IN BORROW AREA DESIGN																								
DCVC-14-23#1	-54.3	0.0	2.28	0.21	0.22	2.18	0.71	1.08	3	5	5	0.00	0.00	0.00	0.00	0.21	0.21	0.32	0.73	1.13	1.70	2.00	2.85	4.21	8.01	25.31	69.91	96.15	98.34	98.81	98.92	99.90						
DCVC-14-23#2	-59.3	0.0	2.30	0.20	0.21	2.25	0.61	1.20	2	5	5	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.33	0.61	1.05	1.26	1.72	2.79	5.97	21.44	68.94	94.71	97.37	98.39	98.80	99.99						
DCVC-14-23 COMPOSITE														VIBRACORE NOT USED IN BORROW AREA DESIGN																								
DCVC-14-24#1	-60.6	0.7	2.20	0.22	0.24	2.06	0.78	1.18	4	5	5	0.00	0.00	0.00	0.00	0.09	0.47	0.59	0.88	1.20	1.77	2.70	3.93	7.02	13.41	31.69	77.57	95.87	98.02	98.60	98.82	100.00						
DCVC-14-24#2	-61.1	0.1	0.75	0.59	0.63	0.67	1.34	0.73	18	5	5	0.00	0.00	0.00	0.98	1.81	2.61	3.39	6.93	10.85	18.55	29.72	42.49	57.37	67.86	79.60	94.00											

**CUMULATIVE PERCENTS AND COMPUTED DISTRIBUTIONS
DARE COUNTY 2014 VIBRACORES (3 of 8)**

SAMPLE I. D.	ELEVATION (NAVD 88)	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE	WET MUNSELL VALUE	DRY MUNSELL VALUE	CUMULATIVE PERCENT RETAINED (SIEVES EXPRESSED IN PHI)																								
												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					
DCVC-14-26#1	-54.4	1.2	1.44	0.37	0.45	1.16	1.14	0.96	13	5	7	0.00	0.00	0.00	0.00	0.82	0.95	1.66	3.20	5.90	10.30	16.13	22.79	32.98	52.18	76.33	93.92	98.50	98.96	99.03	99.04	99.85				
DCVC-14-26#2	-56.0	2.5	2.01	0.25	0.29	1.81	0.96	1.12	7	6	7	0.00	0.00	0.00	0.85	1.37	1.37	1.44	2.17	2.68	3.56	4.60	6.28	9.75	21.15	49.04	84.00	97.38	98.48	98.77	98.88	99.94				
DCVC-14-26#3	-58.1	4.9	2.37	0.19	0.20	2.35	0.45	1.46	1	5	7	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.15	0.20	0.29	0.42	0.71	2.47	14.47	62.63	95.88	97.99	98.39	98.54	99.96				
DCVC-14-26#4	-59.2	1.4	2.11	0.23	0.30	1.73	1.18	1.52	14	6	7	0.00	0.00	0.00	0.20	1.20	1.74	1.99	3.43	5.27	7.42	9.74	12.30	15.89	23.13	41.81	80.55	96.82	98.20	98.47	98.48	99.93				
Cut to -64.0 FT NAVD 88																																				
DCVC-14-26 COMPOSITE		10.0	2.20	0.22	0.25	1.99	0.92	1.32	6	5	7	0.00	0.00	0.00	0.24	0.61	0.70	0.88	1.45	2.19	3.26	4.59	6.23	8.97	16.00	34.36	74.24	96.70	98.26	98.57	98.68	99.94				
DCVC-14-27#1	-61.5	2.6	1.69	0.31	0.39	1.36	1.18	0.88	14	4	6	0.00	0.00	0.00	0.26	1.36	1.55	2.41	3.41	5.87	9.09	12.96	17.72	25.17	40.56	65.82	91.54	98.24	98.89	99.05	99.12	99.94				
DCVC-14-27#2	-63.2	1.2	2.05	0.24	0.26	1.95	0.65	1.82	4	4	6	0.00	0.00	0.00	0.00	0.00	0.05	0.15	0.27	0.57	0.96	1.67	2.69	5.85	16.75	46.22	84.85	96.67	97.79	98.09	98.18	100.00				
DCVC-14-27#3	-64.4	1.3	0.37	0.77	0.91	0.13	1.71	0.86	30	4	5	0.00	0.00	0.00	3.89	7.94	10.43	11.94	13.09	16.46	22.14	31.41	42.03	52.66	64.48	74.69	85.01	95.39	98.63	99.01	99.12	99.14	99.94			
DCVC-14-27#4	-66.7	0.0	2.33	0.20	0.28	1.83	1.50	3.02	15	4	5	0.00	0.00	0.00	1.28	2.71	2.98	3.98	5.96	8.37	10.79	13.12	15.33	18.00	21.62	28.44	60.78	88.90	94.03	96.07	96.98	100.00				
DCVC-14-27#5	-68.6	0.0	2.80	0.14	0.14	2.79	0.53	4.38	3	3	5	0.00	0.00	0.00	0.00	0.03	0.05	0.12	0.21	0.39	0.49	0.61	0.72	0.86	1.10	2.64	13.23	74.18	88.43	93.23	95.62	99.94				
Cut to -65.0 FT NAVD 88																																				
DCVC-14-27 COMPOSITE		5.1	1.64	0.32	0.44	1.18	1.41	1.10	16	4	6	0.00	0.00	0.99	2.16	3.35	3.85	4.60	6.00	8.77	12.87	17.71	23.09	30.64	43.66	66.10	90.95	97.97	98.66	98.84	98.90	99.95				
DCVC-14-28#1	-61.8	2.4	1.29	0.41	0.48	1.07	1.05	1.00	13	5	6	0.00	0.00	0.00	0.00	0.17	0.76	1.53	3.18	5.27	9.40	15.23	22.18	35.31	60.35	84.42	96.34	98.60	98.88	98.96	99.00	99.93				
DCVC-14-28#2	-63.3	1.0	2.18	0.22	0.23	2.10	0.65	1.69	3	4	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.68	1.15	1.69	2.49	3.74	9.66	35.28	76.76	95.44	97.15	97.93	98.31	100.00				
DCVC-14-28#3	-64.2	1.0	1.76	0.30	0.33	1.59	0.90	1.22	9	5	6	0.00	0.00	0.00	0.00	0.23	0.41	0.60	1.50	2.53	4.15	6.17	9.10	16.17	34.72	64.05	92.21	97.75	98.41	98.67	98.78	99.99				
DCVC-14-28#4	-67.1	0.0	2.43	0.19	0.20	2.35	0.68	1.59	3	3	5	0.00	0.00	0.00	0.00	0.19	0.30	0.43	0.54	0.86	1.30	1.64	2.15	3.09	5.55	13.92	56.18	92.97	96.93	98.02	98.41	100.00				
DCVC-14-28A#1	-68.0	0.0	2.64	0.16	0.17	2.54	0.73	3.21	3	3	5	0.00	0.00	0.00	0.64	0.64	0.64	0.73	0.86	1.07	1.38	1.60	1.82	2.07	2.54	4.85	35.58	86.19	93.05	95.55	96.79	99.73				
Cut to -65.0 FT NAVD 88																																				
DCVC-14-28 COMPOSITE		4.4	1.64	0.32	0.37	1.42	1.03	1.21	10	5	6	0.00	0.00	0.00	0.00	0.15	0.51	0.97	2.14	3.60	6.33	10.09	14.73	23.79	43.00	68.62	90.95	97.69	98.38	98.66	98.79	99.96				
DCVC-14-29#1	-64.6		2.35	0.20	0.20	2.32	0.51	1.60	N/A	4	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.11	0.22	0.48	1.73	5.49	17.76	63.84	93.74	97.49	98.15	98.40	99.71				
DCVC-14-29 COMPOSITE																																				
VIBRACORE NOT USED IN BORROW AREA DESIGN																																				
DCVC-14-30#1	-63.3		2.03	0.24	0.27	1.91	0.77	1.09	N/A	4	6	0.00	0.00	0.00	0.00	0.48	0.71	0.74	0.88	1.06	1.39	2.19	3.59	7.73	18.96	47.74	83.90	95.86	98.39	98.78	98.91	100.00				
DCVC-14-30#2	-67.3		2.16	0.22	0.23	2.09	0.67	1.18	N/A	4	5	0.00	0.00	0.00	0.00	0.13	0.13	0.13	0.16	0.20	0.37	0.64	1.73	5.42	14.66	36.91	76.87	92.81	97.32	98.49	98.82	99.81				
DCVC-14-30 COMPOSITE																																				
VIBRACORE NOT USED IN BORROW AREA DESIGN																																				
DCVC-14-31#1	-62.7		2.31	0.20	0.20	2.32	0.46	1.35	N/A	5	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.09	0.24	0.79	3.04	17.74	70.03	92.71	97.85	98.43	98.65	99.94				
DCVC-14-31 COMPOSITE																																				
VIBRACORE NOT USED IN BORROW AREA DESIGN																																				
DCVC-14-32#1	-69.4		2.48	0.18	0.18	2.45	0.57	1.78	N/A	5	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.16	0.40	0.86	1.92	4.54	13.70	51.51	86.66	95.46	97.44	98.22	100.00				
DCVC-14-32 COMPOSITE																																				
VIBRACORE NOT USED IN BORROW AREA DESIGN																																				
DCVC-14-33#1	-66.0		2.20	0.22	0.22	2.16	0.58	1.21	N/A	4	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.22	0.59	1.26	2.98	9.35	33.89	74.15	94.29	97.84	98.51	98.79	99.97				
DCVC-14-33#2	-71.0		2.44	0.18	0.19	2.43	0.53	1.97	N/A	4	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07	0.14	0.32	1.03	4.20	15.28	54.82	87.36	95.46	97.37	98.03	99.93				
DCVC-14-33 COMPOSITE																																				
VIBRACORE NOT USED IN BORROW AREA DESIGN																																				
DCVC-14-34#1	-71.9		2.54	0.17	0.19	2.40	0.79	2.43	N/A	4	5	0.00	0.00	0.00	0.00	0.42	0.48	0.48	0.54	0.72	1.08	1.55	2.30	3.66	7.97	20.58	47.57	82.11	93.93	96.48	97.57	99.92				
DCVC-14-34#2	-77.9		2.97	0.13	0.13	2.94	0.62	7.01	N/A	3	5	0.00	0.00	0.00	0.00	0.42	0.42	0.54	0.54	0.60	0.65	0.73	0.81	0.90	1.08	1.70	7.62	52.40	81.48	89.51	92.99	100.00				
DCVC-14-34 COMPOSITE																																				
VIBRACORE NOT USED IN BORROW AREA DESIGN																																				
DCVC-14-35#1	-71.4		2.48	0.18	0.18	2.45	0.57	1.97	N/A	4	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.24	0.46	0.77	1.67	4.57	14.03	51.21	86.30	95.21	97.22	98.03	100.00				
DCVC-14-35#2	-74.2		2.05	0.24	0.28	1.82	1.06	2.12	N/A	5	5	0.00	0.00	0.00	0.34	0.50	0.77	0.98	1.62	2.17	3.66	6.12	10.26	15.82	27.68	47.35	72.48	91.90	96.59	97.58	97.88	99.96				
DCVC-14-35#3	-77.1		2.91	0.13	0.13	2.91	0.47	5.42	N/A	3	4	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06	0.13	0.20	0.26	0.37	0.51	0.81	2.06	9.35	58.98	85.92	92.13	94.58	100.00				
DCVC-14-35 COMPOSITE																																				
VIBRACORE NOT USED IN BORROW AREA DESIGN																																				
DCVC-14-36#1	-52.0	5.3	1.54	0.34	0.37	1.45	0.70	0.73	1	4	5	0.00	0.00	0.00	0.00	0.00	0.27	0.31	0.56	0.76	1.37	3.27	7.92	19.00	47.49	83.18	95.73	98.66	99.17	99.25	99.27	99.91				
DCVC-14-36#2	-58.3	3.9	1.60	0.33	0.36	1.46	0.85	1.05	2	4	6	0.00	0.00	0.00	1.24	1.24	1.54	1.63	1.80	2.05	2.68	4.00	6.57	15.38	42.78	80.63	96.48	98.41	98.79	98.91	98.95	99.94				
DCVC-																																				

**CUMULATIVE PERCENTS AND COMPUTED DISTRIBUTIONS
DARE COUNTY 2014 VIBRACORES (5 of 8)**

SAMPLE I. D.	ELEVATION (NAVD 88)	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE	WET MUNSELL VALUE	DRY MUNSELL VALUE	CUMULATIVE PERCENT RETAINED (SIEVES EXPRESSED IN PHI)																						
												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			
DCVC-14-53#1	-55.8	4.1	1.09	0.47	0.53	0.91	1.05	0.69	3	5	6	0.00	0.00	0.00	2.23	2.31	2.58	2.64	3.40	4.87	8.41	13.62	22.33	44.82	73.42	90.80	97.92	99.08	99.27	99.30	99.31	99.83		
DCVC-14-53#2	-58.4	1.2	0.75	0.59	0.65	0.62	0.95	0.70	2	5	6	0.00	0.00	0.00	0.00	0.77	0.77	1.09	2.39	5.99	12.64	22.11	39.55	60.34	83.61	95.79	98.80	99.18	99.26	99.29	99.30	99.77		
DCVC-14-53#3	-63.0	4.0	1.29	0.41	0.43	1.21	0.84	1.00	1	4	5	0.00	0.00	0.00	0.00	0.23	0.23	0.25	0.60	1.57	4.22	8.15	14.78	33.59	61.52	84.13	96.20	98.38	98.82	98.94	99.00	99.96		
DCVC-14-53#4	-66.7	0.0	2.24	0.21	0.22	2.20	0.57	1.30	N/A	4	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.17	0.29	0.57	1.38	3.03	7.57	25.22	76.32	93.49	97.39	98.33	98.70	100.00		
Cut to -63.0 FT NAVD 88																																		
DCVC-14-53 COMPOSITE		9.3	1.15	0.45	0.50	1.00	0.97	0.83	2	5	6	0.00	0.00	0.00	0.98	1.22	1.34	1.41	2.07	3.60	7.15	12.36	21.30	41.99	69.62	88.58	97.29	98.79	99.08	99.14	99.18	99.88		
DCVC-14-54#1	-60.9	4.8	0.62	0.65	0.76	0.39	1.22	0.49	4	5	6	0.00	0.00	0.00	0.63	2.48	3.31	4.31	7.76	14.54	23.32	32.12	44.81	66.24	82.53	93.61	98.52	99.23	99.44	99.49	99.51	100.00		
DCVC-14-54#2	-66.0	4.8	1.76	0.30	0.33	1.59	0.84	0.85	1	5	6	0.00	0.00	0.00	0.00	0.09	0.12	0.12	0.34	1.23	2.45	5.13	10.54	19.94	35.34	63.78	92.87	97.81	98.84	99.06	99.15	100.00		
DCVC-14-54#3	-69.2	0.0	0.95	0.52	0.51	0.96	0.92	0.50	N/A	5	6	0.00	0.00	0.00	0.00	0.43	0.68	0.84	1.10	2.16	5.19	12.95	27.61	52.25	71.49	86.20	96.81	98.79	99.36	99.49	99.50	100.00		
DCVC-14-54#4	-69.9	0.0	2.19	0.22	0.23	2.14	0.61	0.66	N/A	5	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.30	0.92	2.00	4.24	9.74	32.06	79.43	93.38	98.19	99.12	99.34	100.00		
Cut to -68.0 FT NAVD 88																																		
DCVC-14-54 COMPOSITE		9.6	1.22	0.43	0.50	0.99	1.21	0.70	3	5	6	0.00	0.00	0.00	0.32	1.29	1.72	2.22	4.05	7.89	12.89	18.63	27.68	43.09	58.94	78.70	95.70	98.52	99.14	99.28	99.33	100.00		
DCVC-14-55#1	-60.2	6.3	1.79	0.29	0.30	1.73	0.62	0.82	0	4	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.40	0.75	1.60	3.36	9.35	27.31	66.43	93.85	98.18	99.04	99.14	99.18	99.80		
DCVC-14-55#2	-64.5	2.0	1.31	0.40	0.45	1.15	0.90	0.69	2	4	6	0.00	0.00	0.00	0.00	0.76	0.76	0.90	1.12	1.42	2.32	4.59	8.92	18.16	34.38	59.27	87.42	97.97	99.09	99.28	99.30	99.31	99.90	
DCVC-14-55#3	-67.3	0.0	2.24	0.21	0.22	2.19	0.57	1.51	N/A	4	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.14	0.23	0.56	1.16	3.30	8.74	26.15	75.46	93.45	97.22	98.16	98.49	99.98		
Cut to -65.5 FT NAVD 88																																		
DCVC-14-55 COMPOSITE		8.3	1.71	0.31	0.33	1.59	0.74	0.79	0	4	5	0.00	0.00	0.00	0.18	0.18	0.22	0.27	0.43	0.86	1.68	3.36	6.93	15.38	35.01	71.49	94.84	98.40	99.10	99.18	99.21	99.82		
DCVC-14-56#1	-63.2	5.9	2.31	0.20	0.20	2.32	0.39	1.05	1	5	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.03	0.06	0.19	1.37	15.63	71.58	95.45	98.16	98.76	98.95	99.96	
DCVC-14-56#2	-68.7	0.0	2.23	0.21	0.22	2.21	0.43	1.03	0	5	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.10	0.11	0.19	0.33	0.86	3.91	12.86	81.11	96.24	98.35	98.78	98.97	99.92		
Cut to -65.5 FT NAVD 88																																		
DCVC-14-56 COMPOSITE		5.9	2.31	0.20	0.20	2.32	0.39	1.05	1	5	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.03	0.06	0.19	1.37	15.63	71.58	95.45	98.16	98.76	98.95	99.96		
DCVC-14-57#1	-59.6	9.8	1.68	0.31	0.33	1.60	0.63	0.71	0	5	6	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.07	0.25	0.52	1.61	4.92	14.65	36.43	74.67	95.44	98.49	99.11	99.19	99.29	100.00		
DCVC-14-57A#1	-64.9	1.7	1.71	0.31	0.34	1.54	0.95	0.80	2	5	6	0.00	0.00	0.00	0.00	0.17	0.68	1.01	1.75	2.91	4.84	7.37	11.17	17.10	37.10	67.11	90.84	98.09	98.97	99.17	99.20	99.90		
DCVC-14-57A#2	-68.7	0.2	2.34	0.20	0.20	2.31	0.58	2.36	1	5	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.16	0.35	0.68	1.19	2.26	5.85	19.76	64.40	89.66	95.89	97.64	97.64	100.00		
Cut to -66.0 FT NAVD 88																																		
DCVC-14-57 COMPOSITE		11.7	1.69	0.31	0.33	1.61	0.69	0.75	0	5	6	0.00	0.00	0.00	0.00	0.02	0.16	0.21	0.31	0.63	1.14	2.43	5.76	14.79	36.00	72.63	94.24	98.28	99.03	99.16	99.25	99.99		
DCVC-14-58#1	-59.0	2.2	1.11	0.46	0.50	0.99	0.89	0.71	1	5	6	0.00	0.00	0.00	0.00	0.15	0.24	0.34	1.34	3.11	7.22	13.21	22.42	44.97	68.43	90.32	97.98	99.10	99.26	99.27	99.29	99.90		
DCVC-14-58#2	-61.5	4.8	2.12	0.23	0.24	2.05	0.58	1.24	1	5	6	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.10	0.19	0.29	0.63	1.37	3.58	11.56	39.36	84.83	95.33	97.72	98.45	98.76	99.91		
DCVC-14-58#3	-65.6	1.9	1.28	0.41	0.44	1.19	0.89	0.43	1	5	6	0.00	0.00	0.00	0.00	0.11	0.22	0.23	0.53	1.04	3.63	10.10	21.34	37.37	59.92	81.00	95.58	99.10	99.50	99.56	99.57	99.99		
DCVC-14-58#4	-68.4	1.3	2.43	0.19	0.18	2.44	0.55	2.61	1	5	6	0.00	0.00	0.00	0.00	0.13	0.13	0.13	0.13	0.15	0.17	0.29	0.43	1.16	2.94	13.16	55.61	86.34	94.78	96.54	97.39	99.89		
Cut to -68.0 FT NAVD 88																																		
DCVC-14-58 COMPOSITE		10.2	1.90	0.27	0.31	1.71	0.89	1.16	1	5	6	0.00	0.00	0.00	0.00	0.11	0.15	0.18	0.45	0.97	2.39	5.06	9.51	18.49	31.74	54.77	85.94	95.70	98.01	98.59	98.85	99.92		
DCVC-14-59#1	-63.9	5.3	1.89	0.27	0.29	1.81	0.64	0.85	1	4	6	0.00	0.00	0.00	0.00	0.06	0.06	0.11	0.30	0.65	0.74	1.64	3.56	8.49	22.12	57.99	92.32	98.11	99.00	99.10	99.15	99.93		
DCVC-14-59#2	-69.7	0.0	2.38	0.19	0.21	2.26	0.74	1.27	1	3	5	0.00	0.00	0.00	0.00	0.00	0.02	0.20	0.47	0.80	1.03	1.76	3.08	5.48	10.81	23.33	58.29	91.66	97.15	98.41	98.73	99.93		
DCVC-14-59#3	-73.0	0.0	2.19	0.22	0.28	1.84	1.26	2.68	7	3	5	0.00	0.00	0.00	0.44	1.39	2.25	3.05	4.20	5.47	6.60	8.29	10.86	15.64	23.50	38.82	67.51	90.61	96.11	97.25	97.32	99.95		
Cut to -66.0 FT NAVD 88																																		
DCVC-14-59 COMPOSITE		5.3	1.89	0.27	0.29	1.81	0.64	0.85	1	4	6	0.00	0.00	0.00	0.00	0.06	0.06	0.11	0.30	0.65	0.74	1.64	3.56	8.49	22.12	57.99	92.32	98.11	99.00	99.10	99.15	99.93		
DCVC-14-60#1	-58.4	1.3	1.28	0.41	0.44	1.18	0.70	0.78	1	4	6	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.08	0.47	8.46	17.86	28.97	67.00	90.59	97.70	99.03	99.18	99.21	99.22	99.82		
DCVC-14-60#2	-62.7	7.0	1.94	0.26	0.27	1.90	0.58	0.88	0	4	6	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.06	0.07	0.18	0.46</												

**CUMULATIVE PERCENTS AND COMPUTED DISTRIBUTIONS
DARE COUNTY 2014 VIBRACORES (6 of 8)**

SAMPLE I. D.	ELEVATION (NAVD 88)	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE	WET MUNSSELL VALUE	DRY MUNSSELL VALUE	CUMULATIVE PERCENT RETAINED (SIEVES EXPRESSED IN PHI)																						
												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			
DCVC-14-65#1	-62.5	1.4	0.34	0.79	0.98	0.03	1.47	0.55	10	5	6	0.00	0.00	4.25	6.10	7.22	7.92	9.43	13.85	21.95	30.43	40.44	54.47	73.38	86.11	94.99	98.51	99.25	99.40	99.44	99.45	100.00		
DCVC-14-65#2	-63.6	0.8	1.52	0.35	0.35	1.50	0.65	0.91	1	5	6	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.20	0.31	0.63	1.71	6.39	16.42	49.09	77.90	95.11	98.49	98.94	99.04	99.09	99.94		
DCVC-14-65#5	-64.6	0.9	0.62	0.65	0.68	0.56	1.07	0.69	1	5	6	0.00	0.00	0.00	0.75	1.29	1.56	2.27	4.02	6.98	13.69	24.91	44.87	66.62	82.17	92.38	97.22	98.47	99.04	99.23	99.31	99.91		
DCVC-14-65#3	-68.2	3.1	1.70	0.31	0.35	1.52	0.89	1.20	1	6	6	0.00	0.00	0.00	0.00	0.25	0.41	0.41	0.80	1.74	2.96	5.87	11.99	22.80	38.20	67.44	92.81	97.42	98.46	98.74	98.80	99.85		
DCVC-14-65#4	-71.0	0.0	2.47	0.18	0.18	2.47	0.53	2.77	5	4	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.11	0.36	1.14	3.34	12.77	52.48	84.19	94.42	96.88	97.23	99.95		
Cut to -68.0 FT NAVD 88																																		
DCVC-14-65 COMPOSITE		6.2	1.30	0.41	0.49	1.04	1.23	0.94	3	6	6	0.00	0.00	0.96	1.49	1.94	2.22	2.67	4.14	6.88	10.42	15.90	25.63	39.76	56.81	78.63	95.03	98.12	98.82	99.01	99.06	99.90		
DCVC-14-66#1	-57.5	1.6	0.68	0.62	0.73	0.46	1.19	0.64	5	5	6	0.00	0.00	0.00	1.48	2.69	3.08	3.75	5.93	11.52	20.13	30.13	42.65	63.19	82.13	93.72	98.27	99.12	99.27	99.35	99.36	99.96		
DCVC-14-66#2	-63.6	8.9	1.64	0.32	0.33	1.59	0.68	0.42	1	5	6	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.13	0.18	0.50	1.87	5.45	16.24	40.73	73.94	93.55	97.98	99.14	99.47	99.58	100.00		
DCVC-14-66#3	-68.3	0.9	2.24	0.21	0.21	2.23	0.57	1.51	1	5	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.15	0.29	0.44	0.74	1.69	6.19	29.15	73.44	90.94	96.77	98.15	98.49	100.00		
DCVC-14-66#4	-70.3	0.0	1.07	0.48	0.51	0.96	1.09	1.00	4	4	5	0.00	0.00	0.00	0.48	0.99	1.10	1.25	2.09	3.92	8.34	17.14	33.16	47.70	64.56	81.88	94.77	98.27	98.74	98.91	99.00	99.95		
Cut to -68.0 FT NAVD 88																																		
DCVC-14-66 COMPOSITE		11.4	1.61	0.33	0.36	1.48	0.88	0.54	2	5	6	0.00	0.00	0.00	0.21	0.38	0.43	0.57	0.94	1.77	3.24	5.72	10.30	21.68	43.81	73.18	92.62	97.58	98.97	99.35	99.46	99.99		
DCVC-14-67#1	-59.6	3.6	1.41	0.38	0.40	1.32	0.83	0.98	1	4	5	0.00	0.00	0.00	0.22	0.41	0.41	0.43	0.52	1.04	2.79	6.79	14.22	27.69	54.77	80.43	95.19	98.55	98.91	99.01	99.02	99.90		
DCVC-14-67#2	-66.0	4.6	2.38	0.19	0.20	2.31	0.65	2.33	1	3	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.08	0.16	0.53	1.29	3.52	9.69	24.09	58.40	88.46	94.89	96.87	97.67	100.00		
Cut to -66.0 FT NAVD 88																																		
DCVC-14-67 COMPOSITE		8.2	2.02	0.25	0.27	1.87	0.89	1.75	1	3	5	0.00	0.00	0.00	0.10	0.18	0.18	0.19	0.25	0.50	1.31	3.28	6.97	14.13	29.48	48.82	74.55	92.89	96.65	97.81	98.26	99.96		
DCVC-14-68#1	-63.6	1.0	2.14	0.23	0.24	2.03	0.67	1.02	1	4	5	0.00	0.00	0.00	0.00	0.20	0.20	0.20	0.25	0.43	0.77	1.42	2.69	6.00	14.80	37.73	80.81	95.81	98.50	98.86	98.98	99.95		
DCVC-14-68#2	-68.0	1.0	2.51	0.18	0.19	2.38	0.69	2.30	1	4	5	0.00	0.00	0.00	0.00	0.00	0.05	0.13	0.23	0.32	0.46	0.62	1.18	2.35	9.68	22.71	49.40	85.60	94.13	96.76	97.70	99.85		
DCVC-14-68#3	-74.0	0.0	3.20	0.11	0.13	2.98	0.59	14.34	N/A	3	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.05	0.07	0.10	0.19	0.78	5.01	17.27	37.83	68.23	79.79	85.66	99.95		
Cut to -65.0 FT NAVD 88																																		
DCVC-14-68 COMPOSITE		2.0	2.28	0.21	0.22	2.21	0.70	1.70	1	4	5	0.00	0.00	0.00	0.00	0.10	0.13	0.17	0.24	0.38	0.62	1.02	1.94	4.18	12.24	30.22	65.11	90.71	96.32	97.81	98.34	99.90		
DCVC-14-69#1	-54.9	2.7	1.73	0.30	0.31	1.70	0.51	0.74	1	4	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.17	0.58	1.92	7.14	29.04	74.17	95.41	98.80	99.22	99.25	99.26	100.00		
DCVC-14-69#2	-56.4	0.9	1.68	0.31	0.35	1.50	0.87	0.84	3	4	6	0.00	0.00	0.00	0.43	0.99	1.18	1.53	1.71	2.40	3.18	5.03	8.66	17.78	34.45	76.96	95.99	98.74	99.13	99.14	99.16	99.98		
DCVC-14-69#3	-57.2	0.9	1.92	0.26	0.27	1.89	0.51	0.97	0	4	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.13	0.35	1.06	4.43	17.87	56.17	91.76	97.88	98.80	98.95	99.03	99.91		
DCVC-14-69#4	-61.6	7.3	1.70	0.31	0.32	1.65	0.59	0.74	0	4	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.25	0.55	0.97	3.08	10.98	34.89	72.97	94.70	98.69	99.16	99.23	99.26	100.00		
Cut to -65.0 FT NAVD 88																																		
DCVC-14-69 COMPOSITE		11.8	1.72	0.30	0.31	1.67	0.60	0.77	0	4	6	0.00	0.00	0.00	0.03	0.08	0.09	0.12	0.24	0.35	0.63	1.14	3.09	10.12	32.22	72.27	94.74	98.66	99.14	99.21	99.23	99.99		
DCVC-14-70#1	-57.4	5.4	1.89	0.27	0.29	1.79	0.72	0.82	1	5	6	0.00	0.00	0.00	0.00	0.12	0.37	0.52	0.67	1.31	1.87	2.79	4.59	8.96	20.83	57.87	93.00	98.23	98.93	99.12	99.18	99.96		
DCVC-14-70#2	-61.1	3.5	1.85	0.28	0.28	1.82	0.58	0.81	1	5	6	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.07	0.13	0.23	0.50	1.70	7.08	24.78	60.65	90.85	97.59	98.76	99.10	99.19	99.97		
DCVC-14-70#3	-64.4	2.2	1.86	0.28	0.29	1.77	0.66	0.90	1	5	6	0.00	0.00	0.00	0.00	0.22	0.22	0.33	0.51	0.69	1.10	1.90	3.60	8.70	23.24	60.10	94.05	98.18	98.90	99.05	99.10	100.00		
Cut to -65.0 FT NAVD 88																																		
DCVC-14-70 COMPOSITE		11.1	1.87	0.27	0.29	1.79	0.67	0.83	1	5	6	0.00	0.00	0.00	0.00	0.10	0.22	0.34	0.45	0.82	1.20	1.89	3.48	8.32	22.55	59.19	92.53	98.02	98.87	99.10	99.17	99.97		
DCVC-14-71#1	-57.8	2.3	1.58	0.33	0.40	1.34	1.01	0.37	3	5	6	0.00	0.00	0.00	0.70	1.28	1.48	1.82	2.70	3.64	5.35	8.30	14.11	26.11	44.81	75.91	96.40	99.23	99.57	99.62	99.63	100.00		
DCVC-14-71#2	-60.9	6.0	1.78	0.29	0.31	1.69	0.71	0.84	1	5	6	0.00	0.00	0.00	0.37	0.49	0.54	0.57	0.76	1.04	1.40	2.14	3.89	10.68	28.57	66.79	94.88	98.56	99.08	99.13	99.16	100.00		
DCVC-14-71#3	-64.8	0.4	1.50	0.35	0.42	1.25	1.09	0.90	5	4	6	0.00	0.00	0.00	2.44	2.64	2.93	3.12	3.56	4.39	5.46	8.21	14.13	27.69	50.07	80.07	96.70	98.71	99.05	99.09	99.10	99.85		
Cut to -65.0 FT NAVD 88																																		
DCVC-14-71 COMPOSITE		8.7	1.72	0.30	0.34	1.57	0.84	0.72	2	5	6	0.00	0.00	0.00	0.55	0.80	0.90	1.02	1.40	1.88	2.63	4.05	7.06	15.54	33.85	69.81	95.37	98.74	99.21	99.26	99.28	99.99		
DCVC-14-72#1	-64.5		1.15	0.45	0.65	0.62	1.79	1.01	24	4	5	0.00	0.00	2.91	7.67	9.87	10.82	12.59	15.26	18.23	22.38	27.39	33.47											

**CUMULATIVE PERCENTS AND COMPUTED DISTRIBUTIONS
DARE COUNTY 2014 VIBRACORES (8 of 8)**

SAMPLE I. D.	ELEVATION (NAVD 88)	EFFECTIVE LENGTH (FT)	PHI MEDIAN	MEDIAN (mm)	MEAN (mm)	PHI MEAN	PHI SORTING	% SILT	% CARBONATE	WET MUNSELL VALUE	DRY MUNSELL VALUE	CUMULATIVE PERCENT RETAINED (SIEVES EXPRESSED IN PHI)																	FINES PAN				
												GRAVEL					GRANULAR					SAND											
												-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	
DCVC-14-92#1	-63.5	3.6	2.41	0.19	0.21	2.25	0.85	1.66	4	4	5	0.00	0.00	0.00	0.00	0.09	0.50	0.67	0.96	1.33	1.82	2.60	3.66	7.01	12.26	22.26	55.72	89.52	96.22	97.78	98.34	100.00	
DCVC-14-92#2	-67.0	0.0	2.76	0.15	0.15	2.71	0.65	4.13	3	4	5	0.00	0.00	0.00	0.00	0.13	0.13	0.13	0.36	0.61	0.80	0.97	1.13	1.39	3.30	3.47	26.81	70.73	87.96	93.32	95.87	99.95	
Cut to -65.0 FT NAVD 88																																	
DCVC-14-92 COMPOSITE		3.6	2.41	0.19	0.21	2.25	0.85	1.66	4	4	5	0.00	0.00	0.00	0.00	0.09	0.50	0.67	0.96	1.33	1.82	2.60	3.66	7.01	12.26	22.26	55.72	89.52	96.22	97.78	98.34	100.00	
DCVC-14-93#1	-57.0		2.29	0.20	0.26	1.97	1.06	1.21	6	4	5	0.00	0.00	0.00	0.00	0.17	0.91	1.10	1.70	2.45	3.59	5.61	9.58	15.22	23.66	33.83	61.37	94.41	97.80	98.55	98.79	99.98	
DCVC-14-93#2	-59.9		1.06	0.48	0.52	0.94	1.55	0.87	20	5	5	0.00	0.00	0.00	1.61	3.59	4.47	5.46	8.68	12.07	17.28	24.15	34.86	49.04	56.69	65.04	82.48	97.21	98.66	99.07	99.13	100.00	
DCVC-14-93#3	-62.5		2.57	0.17	0.18	2.44	0.70	1.77	3	5	5	0.00	0.00	0.00	0.00	0.29	0.32	0.43	0.60	0.91	1.25	1.61	2.11	3.10	5.01	11.83	43.71	89.77	96.20	97.69	98.23	99.91	
DCVC-14-93 COMPOSITE																																	
DCVC-14-94#1	-66.2		2.51	0.18	0.18	2.45	0.52	1.19	2	5	5	0.00	0.00	0.00	0.00	0.07	0.07	0.07	0.07	0.18	0.32	0.48	0.70	1.53	3.57	11.59	49.29	92.25	97.47	98.41	98.81	100.00	
DCVC-14-94 COMPOSITE																																	
DCVC-14-95#1	-60.1	6.0	1.99	0.25	0.26	1.94	0.51	0.88	1	5	6	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.14	0.23	0.40	0.63	1.24	3.33	12.90	50.63	91.33	98.24	98.99	99.07	99.12	100.00	
DCVC-14-95#2	-61.8	0.9	1.78	0.29	0.33	1.62	0.87	0.80	2	4	6	0.00	0.00	0.00	0.00	0.50	0.63	1.01	1.60	2.49	3.45	5.06	7.66	14.56	30.62	65.08	93.25	98.26	99.09	99.16	99.20	99.96	
DCVC-14-95#3	-65.8	0.0	2.25	0.21	0.21	2.24	0.42	1.00	0	4	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.11	0.62	3.09	22.14	78.87	94.77	98.51	98.86	99.00	99.98	
Cut to -65.0 FT NAVD 88																																	
DCVC-14-95 COMPOSITE		6.9	1.97	0.26	0.27	1.90	0.58	0.86	1	5	6	0.00	0.00	0.00	0.00	0.07	0.08	0.20	0.33	0.52	0.80	1.21	2.08	4.79	15.21	52.51	91.58	98.24	99.00	99.08	99.13	99.99	
DCVC-14-96#1	-60.5	4.0	1.93	0.26	0.28	1.83	0.66	0.99	1	5	6	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.14	0.36	0.89	1.99	4.08	9.27	22.02	54.29	91.31	97.67	98.80	98.98	99.01	99.76	
DCVC-14-96#2	-63.3	1.5	1.64	0.32	0.37	1.43	0.94	0.54	2	5	6	0.00	0.00	0.00	0.50	0.76	0.99	1.84	2.71	4.33	7.76	13.05	23.53	41.40	71.62	95.30	98.74	99.34	99.43	99.46	99.95		
DCVC-14-96#3	-64.6	1.0	2.13	0.23	0.26	1.93	0.94	1.29	2	4	5	0.00	0.00	0.00	0.27	1.19	1.30	1.80	1.89	2.22	2.72	3.75	5.61	9.38	18.11	39.25	80.13	95.45	98.25	98.70	98.71	99.98	
DCVC-14-96#4	-66.1	0.0	2.21	0.22	0.24	2.04	0.82	1.22	1	3	5	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.46	0.91	1.74	3.03	5.09	9.71	17.29	33.67	73.45	93.62	97.70	98.51	98.78	99.95	
DCVC-14-96A#1	-70.5	0.0	2.51	0.18	0.19	2.41	0.68	2.36	N/A	4	6	0.00	0.00	0.00	0.12	0.12	0.12	0.16	0.36	0.56	0.78	1.48	2.79	7.49	17.77	49.41	85.36	94.55	96.73	97.64	99.91		
DCVC-14-96A#2	-75.0	0.0	3.25	0.11	0.12	3.01	0.58	17.50	N/A	3	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.05	0.18	0.26	0.45	1.01	4.15	14.72	34.28	66.01	77.61	82.50	99.93	
Cut to -65.0 FT NAVD 88																																	
DCVC-14-96 COMPOSITE		6.5	1.90	0.27	0.30	1.75	0.80	0.93	1	5	6	0.00	0.00	0.00	0.04	0.30	0.38	0.56	0.80	1.19	1.97	3.59	6.39	12.58	25.89	55.98	90.51	97.58	98.84	99.04	99.07	99.84	
DCVC-14-97#1	-62.0	4.1	1.53	0.35	0.42	1.26	1.14	0.81	5	5	6	0.00	0.00	0.54	1.38	2.64	2.74	3.18	4.02	5.22	6.99	9.60	14.90	27.32	48.54	77.13	95.15	98.37	99.04	99.14	99.19	99.92	
DCVC-14-97#2	-64.4	0.6	0.36	0.78	0.82	0.29	1.26	0.53	5	5	6	0.00	0.00	0.00	2.89	3.47	3.75	4.72	7.11	13.26	24.24	38.91	54.43	66.54	82.91	93.20	98.30	99.28	99.43	99.46	99.47	100.00	
DCVC-14-97#3	-68.0	0.3	1.91	0.27	0.28	1.86	0.61	1.00	1	5	6	0.00	0.00	0.00	0.00	0.08	0.08	0.08	0.12	0.31	0.52	1.03	2.33	7.01	20.99	56.36	90.71	96.99	98.53	98.87	99.00	100.00	
DCVC-14-97A#1	-72.7	0.0	2.37	0.19	0.19	2.38	0.48	1.93	1	3	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.07	0.13	0.29	0.58	2.48	15.48	62.43	89.93	96.29	97.60	98.07	99.88	
Cut to -65.0 FT NAVD 88																																	
DCVC-14-97 COMPOSITE		5.0	1.47	0.36	0.44	1.18	1.19	0.78	5	5	6	0.00	0.00	0.44	1.48	2.59	2.70	3.18	4.16	5.89	8.67	12.60	18.89	30.81	51.01	77.81	95.26	98.40	99.06	99.16	99.21	99.93	
DCVC-14-98#1	-58.6	4.0	1.61	0.33	0.35	1.50	0.73	0.53	1	5	6	0.00	0.00	0.00	0.00	0.09	0.34	0.51	0.78	1.58	3.25	7.65	19.80	42.97	76.01	95.67	98.98	99.36	99.43	99.47	99.96		
DCVC-14-98#2	-61.1	3.4	2.08	0.24	0.24	2.04	0.48	0.84	0	4	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.09	0.45	1.94	10.25	43.32	87.04	97.23	98.76	99.07	99.16	100.00	
DCVC-14-98A#1	-69.6	0.0	1.89	0.27	0.29	1.77	0.92	3.28	3	4	5	0.00	0.00	0.00	0.92	1.20	1.35	1.35	1.54	1.81	2.22	2.80	5.89	10.46	26.55	56.73	83.34	92.73	95.60	96.62	96.72	99.92	
DCVC-14-98A#2	-73.5	0.0	3.12	0.12	0.14	2.88	0.69	13.86	N/A	3	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cut to -65.0 FT NAVD 88																																	
DCVC-14-98 COMPOSITE		7.4	1.83	0.28	0.30	1.75	0.68	0.69	1	5	6	0.00	0.00	0.00	0.00	0.00	0.05	0.18	0.28	0.42	0.86	1.80	4.34	11.59	27.94	60.99	91.70	98.18	99.08	99.26	99.33	99.98	
DCVC-14-99#1	-56.4	2.6	1.71	0.31	0.33	1.60	0.73	0.68	1	5	7	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.29	0.75	1.46	3.38	7.79	15.54	35.19	70.35	94.16	98.63	99.22	99.29	99.32	99.98	
DCVC-14-99#2	-6																																

PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY DARE COUNTY 2014 VIBRACORES (1 of 8)				
SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
DCVC-14-01#1	1.14	98.43	0.43	0.00
DCVC-14-01#2	0.87	98.24	0.54	0.35
DCVC-14-01#3	1.35	98.62	0.03	0.00
DCVC-14-01#4	1.49	87.26	4.12	7.13
DCVC-14-01#5	3.29	96.61	0.10	0.00
DCVC-14-01 COMPOSITE	1.07	98.39	0.38	0.16
DCVC-14-02#1	0.78	98.56	0.63	0.03
DCVC-14-02#2	0.61	98.45	0.72	0.22
DCVC-14-02#3	1.06	98.77	0.17	0.00
DCVC-14-02#4	1.21	98.12	0.31	0.36
DCVC-14-02 COMPOSITE	0.81	98.46	0.57	0.16
DCVC-14-03#1	0.70	87.11	9.85	2.34
DCVC-14-03#2	0.78	98.93	0.19	0.10
DCVC-14-03#3	1.97	97.83	0.20	0.00
DCVC-14-03#4	4.78	94.49	0.42	0.31
DCVC-14-03 COMPOSITE	0.72	90.44	7.13	1.71
DCVC-14-04#1	0.67	97.47	1.86	0.00
DCVC-14-04#2	0.60	96.92	1.83	0.65
DCVC-14-04#3	0.57	98.34	0.79	0.30
DCVC-14-04#4	0.70	96.22	2.79	0.29
DCVC-14-04 COMPOSITE	0.63	97.62	1.56	0.18
DCVC-14-05#1	0.46	95.10	3.01	1.43
DCVC-14-05#2	0.87	97.32	0.28	1.53
DCVC-14-05#3	1.02	98.81	0.17	0.00
DCVC-14-05#4	0.80	98.60	0.31	0.29
DCVC-14-05 COMPOSITE	0.90	98.27	0.34	0.49
DCVC-14-06#1	0.98	97.24	1.16	0.62
DCVC-14-06#2	1.16	97.52	0.38	0.94
DCVC-14-06#3	1.07	98.88	0.05	0.00
DCVC-14-06 COMPOSITE	1.07	97.38	0.78	0.78
DCVC-14-07#1	0.62	98.97	0.41	0.00
DCVC-14-07#2	0.65	91.65	5.48	2.22
DCVC-14-07#3	1.48	98.52	0.00	0.00
DCVC-14-07 COMPOSITE	0.62	98.97	0.41	0.00
DCVC-14-08#1	0.72	98.52	0.50	0.26
DCVC-14-08#2	0.88	99.01	0.03	0.08
DCVC-14-08#3	0.74	82.92	3.62	12.72
DCVC-14-08#4	2.00	97.68	0.22	0.10
DCVC-14-08#5	6.59	93.12	0.24	0.05
DCVC-14-08 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-09#1	0.47	81.46	14.72	3.35
DCVC-14-09#2	1.11	97.57	1.32	0.00
DCVC-14-09#3	0.99	98.79	0.22	0.00
DCVC-14-09#4	2.96	96.80	0.21	0.03
DCVC-14-09 COMPOSITE	0.62	86.43	10.58	2.36
DCVC-14-10#1	0.70	99.04	0.11	0.15
DCVC-14-10#2	0.71	92.83	1.28	5.18
DCVC-14-10#3	0.80	99.20	0.00	0.00
DCVC-14-10 COMPOSITE	0.70	99.04	0.11	0.15
DCVC-14-11#1	0.77	98.00	0.76	0.47
DCVC-14-11#2	0.90	98.32	0.38	0.40
DCVC-14-11#3	0.91	98.02	0.61	0.46
DCVC-14-11 COMPOSITE	0.78	98.04	0.71	0.46

**PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY
DARE COUNTY 2014 VIBRACORES (2 of 8)**

SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
DCVC-14-12#1	0.89	77.52	7.58	14.01
DCVC-14-12#2	0.85	95.42	1.53	2.20
DCVC-14-12#3	0.85	95.96	1.60	1.59
DCVC-14-12#4	0.88	99.03	0.09	0.00
DCVC-14-12#5	1.32	98.13	0.10	0.45
DCVC-14-12 COMPOSITE	0.85	94.66	1.71	2.76
DCVC-14-13#1	0.65	98.47	0.77	0.11
DCVC-14-13#2	1.32	97.28	0.49	0.91
DCVC-14-13#3	3.96	96.03	0.01	0.00
DCVC-14-13 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-14#1	1.09	97.70	0.70	0.51
DCVC-14-14#5	12.71	83.84	2.10	1.35
DCVC-14-14#2	0.81	96.84	2.14	0.21
DCVC-14-14#3	1.54	96.92	1.22	0.32
DCVC-14-14#4	5.50	94.49	0.01	0.00
DCVC-14-14 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-15#1	1.99	97.60	0.30	0.11
DCVC-14-15 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-16#1	1.70	97.74	0.35	0.21
DCVC-14-16#2	5.32	94.27	0.17	0.24
DCVC-14-16#3	3.68	92.89	2.64	0.79
DCVC-14-16 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-17#1	0.92	94.19	3.79	1.10
DCVC-14-17#2	0.86	98.20	0.72	0.22
DCVC-14-17#3	3.76	95.44	0.42	0.38
DCVC-14-17 COMPOSITE	1.07	94.26	3.61	1.06
DCVC-14-18#1	1.53	97.06	0.90	0.51
DCVC-14-18 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-19#1	3.45	95.27	1.10	0.18
DCVC-14-19#2	4.92	91.04	1.56	2.48
DCVC-14-19 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-20#1	2.70	96.93	0.35	0.02
DCVC-14-20#2	4.13	79.32	8.19	8.36
DCVC-14-20 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-21#1	2.45	97.53	0.02	0.00
DCVC-14-21 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-22#1	1.19	90.21	4.10	4.50
DCVC-14-22 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-23#1	1.08	97.79	0.92	0.21
DCVC-14-23#2	1.20	98.19	0.61	0.00
DCVC-14-23 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-24#1	1.18	97.62	0.73	0.47
DCVC-14-24#2	0.73	88.42	8.24	2.61
DCVC-14-24#3	2.20	97.40	0.29	0.11
DCVC-14-24 COMPOSITE	1.12	96.47	1.67	0.74
DCVC-14-25#1	1.14	88.08	6.84	3.94
DCVC-14-25#2	1.19	65.67	11.20	21.94
DCVC-14-25#3	3.01	93.82	1.87	1.30
DCVC-14-25 COMPOSITE	1.15	85.09	7.42	6.34

PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY DARE COUNTY 2014 VIBRACORES (3 of 8)				
SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
DCVC-14-26#1	0.96	93.14	4.95	0.95
DCVC-14-26#2	1.12	96.20	1.31	1.37
DCVC-14-26#3	1.46	98.39	0.15	0.00
DCVC-14-26#4	1.52	93.21	3.53	1.74
DCVC-14-26 COMPOSITE	1.32	96.49	1.49	0.70
DCVC-14-27#1	0.88	93.25	4.32	1.55
DCVC-14-27#2	1.82	97.61	0.52	0.05
DCVC-14-27#3	0.86	77.00	10.20	11.94
DCVC-14-27#4	3.02	88.61	5.39	2.98
DCVC-14-27#5	4.38	95.23	0.34	0.05
DCVC-14-27 COMPOSITE	1.10	90.13	4.92	3.85
DCVC-14-28#1	1.00	93.73	4.51	0.76
DCVC-14-28#2	1.69	97.63	0.68	0.00
DCVC-14-28#3	1.22	96.25	2.12	0.41
DCVC-14-28#4	1.59	97.55	0.56	0.30
DCVC-14-28A#1	3.21	95.72	0.43	0.64
DCVC-14-28 COMPOSITE	1.21	95.19	3.10	0.51
DCVC-14-29#1	1.60	98.34	0.06	0.00
DCVC-14-29 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-30#1	1.09	97.85	0.35	0.71
DCVC-14-30#2	1.18	98.62	0.07	0.13
DCVC-14-30 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-31#1	1.35	98.64	0.01	0.00
DCVC-14-31 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-32#1	1.78	98.21	0.01	0.00
DCVC-14-32 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-33#1	1.21	98.72	0.07	0.00
DCVC-14-33#2	1.97	97.98	0.05	0.00
DCVC-14-33 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-34#1	2.43	96.85	0.24	0.48
DCVC-14-34#2	7.01	92.39	0.18	0.42
DCVC-14-34 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-35#1	1.97	97.91	0.12	0.00
DCVC-14-35#2	2.12	95.71	1.40	0.77
DCVC-14-35#3	5.42	94.45	0.13	0.00
DCVC-14-35 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-36#1	0.73	98.51	0.49	0.27
DCVC-14-36#2	1.05	96.90	0.51	1.54
DCVC-14-36#3	0.55	94.91	4.10	0.44
DCVC-14-36 COMPOSITE	0.85	97.83	0.50	0.81
DCVC-14-37#1	0.70	97.89	1.36	0.05
DCVC-14-37#2	0.72	98.10	1.18	0.00
DCVC-14-37 COMPOSITE	0.69	97.94	1.31	0.04
DCVC-14-38#1	0.75	95.98	2.85	0.42
DCVC-14-38#2	0.91	98.46	0.56	0.07
DCVC-14-38 COMPOSITE	0.75	95.98	2.85	0.42
DCVC-14-39#1	0.88	98.79	0.27	0.06
DCVC-14-39#2	0.54	89.84	7.36	2.26
DCVC-14-39#3	1.10	98.63	0.27	0.00
DCVC-14-39 COMPOSITE	0.89	97.56	1.22	0.34

**PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY
DARE COUNTY 2014 VIBRACORES (4 of 8)**

SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
DCVC-14-40#1	0.72	99.03	0.20	0.05
DCVC-14-40A#1	1.11	98.88	0.01	0.00
DCVC-14-40 COMPOSITE	0.72	99.03	0.20	0.05
DCVC-14-41#1	0.84	98.08	0.73	0.35
DCVC-14-41#2	0.65	93.75	3.92	1.68
DCVC-14-41#3	1.03	98.77	0.08	0.12
DCVC-14-41 COMPOSITE	0.85	96.56	1.80	0.81
DCVC-14-42#1	1.12	94.34	1.90	2.64
DCVC-14-42#2	0.84	98.72	0.44	0.00
DCVC-14-42 COMPOSITE	0.97	96.74	1.10	1.19
DCVC-14-43#1	0.87	98.67	0.40	0.06
DCVC-14-43#2	1.01	98.99	0.00	0.00
DCVC-14-43#3	0.96	97.63	1.13	0.28
DCVC-14-43 COMPOSITE	0.92	98.77	0.27	0.04
DCVC-14-44#1	0.92	97.33	1.27	0.48
DCVC-14-44 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN			
DCVC-14-45#1	1.14	97.37	1.12	0.37
DCVC-14-45#2	1.15	98.50	0.27	0.08
DCVC-14-45A#1	0.65	94.21	2.79	2.35
DCVC-14-45A#2	1.08	98.92	0.00	0.00
DCVC-14-45 COMPOSITE	1.15	98.13	0.55	0.17
DCVC-14-46#1	0.73	94.56	3.76	0.95
DCVC-14-46#2	0.59	97.49	1.69	0.23
DCVC-14-46#3	0.78	98.88	0.21	0.13
DCVC-14-46#4	1.60	98.39	0.01	0.00
DCVC-14-46 COMPOSITE	0.65	97.45	1.59	0.30
DCVC-14-47#1	0.61	98.40	0.94	0.05
DCVC-14-47#2	1.92	98.02	0.06	0.00
DCVC-14-47#3	3.77	96.11	0.12	0.00
DCVC-14-47 COMPOSITE	0.83	98.34	0.80	0.04
DCVC-14-48#1	2.77	96.78	0.36	0.09
DCVC-14-48 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN			
DCVC-14-49#1	0.85	98.85	0.26	0.04
DCVC-14-49#2	0.76	98.39	0.70	0.15
DCVC-14-49#3	0.88	98.67	0.37	0.08
DCVC-14-49A#1	1.22	98.64	0.14	0.00
DCVC-14-49 COMPOSITE	0.79	98.68	0.43	0.08
DCVC-14-50#1	1.21	98.66	0.13	0.00
DCVC-14-50#2	0.95	95.32	2.68	1.05
DCVC-14-50 COMPOSITE	1.15	97.77	0.81	0.28
DCVC-14-51#1	0.63	94.15	4.37	0.85
DCVC-14-51#2	0.67	98.71	0.62	0.00
DCVC-14-51#3	0.57	99.00	0.26	0.17
DCVC-14-51#4	0.92	98.85	0.20	0.03
DCVC-14-51 COMPOSITE	0.61	98.19	0.99	0.21
DCVC-14-52#1	0.80	98.08	1.06	0.06
DCVC-14-52#2	0.60	98.88	0.52	0.00
DCVC-14-52A#1	0.51	97.38	1.91	0.20
DCVC-14-52A#2	0.92	98.80	0.28	0.00
DCVC-14-52 COMPOSITE	0.73	98.15	1.03	0.07

PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY DARE COUNTY 2014 VIBRACORES (5 of 8)				
SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
DCVC-14-53#1	0.69	94.44	2.29	2.58
DCVC-14-53#2	0.70	93.31	5.22	0.77
DCVC-14-53#3	1.00	97.43	1.34	0.23
DCVC-14-53#4	1.30	98.53	0.17	0.00
DCVC-14-53 COMPOSITE	0.83	95.58	2.26	1.34
DCVC-14-54#1	0.49	84.97	11.23	3.31
DCVC-14-54#2	0.85	97.92	1.11	0.12
DCVC-14-54#3	0.50	97.34	1.48	0.68
DCVC-14-54#4	0.66	99.27	0.07	0.00
DCVC-14-54 COMPOSITE	0.70	91.45	6.17	1.72
DCVC-14-55#1	0.82	98.78	0.40	0.00
DCVC-14-55#2	0.69	96.99	1.42	0.90
DCVC-14-55#3	1.51	98.35	0.14	0.00
DCVC-14-55 COMPOSITE	0.79	98.35	0.65	0.22
DCVC-14-56#1	1.05	98.93	0.02	0.00
DCVC-14-56#2	1.03	98.87	0.10	0.00
DCVC-14-56 COMPOSITE	1.05	98.93	0.02	0.00
DCVC-14-57#1	0.71	99.04	0.18	0.07
DCVC-14-57A#1	0.80	96.29	2.23	0.68
DCVC-14-57A#2	2.36	97.48	0.16	0.00
DCVC-14-57 COMPOSITE	0.75	98.61	0.48	0.16
DCVC-14-58#1	0.71	96.18	2.87	0.24
DCVC-14-58#2	1.24	98.57	0.10	0.09
DCVC-14-58#3	0.43	98.53	0.82	0.22
DCVC-14-58#4	2.61	97.24	0.02	0.13
DCVC-14-58 COMPOSITE	1.16	97.88	0.82	0.15
DCVC-14-59#1	0.85	98.50	0.59	0.06
DCVC-14-59#2	1.27	98.13	0.58	0.02
DCVC-14-59#3	2.68	91.85	3.22	2.25
Cut to -66.0 FT NAVD 88	0.00	0.00	0.00	0.00
DCVC-14-59 COMPOSITE	0.85	98.50	0.59	0.06
DCVC-14-60#1	0.78	99.14	0.08	0.00
DCVC-14-60#2	0.88	99.05	0.06	0.01
DCVC-14-60#3	0.76	98.99	0.25	0.00
DCVC-14-60#4	1.56	96.37	1.41	0.66
DCVC-14-60 COMPOSITE	0.87	99.06	0.06	0.01
DCVC-14-61#1	0.64	97.49	1.46	0.41
DCVC-14-61#2	1.14	97.83	0.91	0.12
DCVC-14-61#3	1.88	97.98	0.07	0.07
DCVC-14-61 COMPOSITE	0.97	97.72	1.09	0.22
DCVC-14-62#1	0.60	94.04	4.05	1.31
DCVC-14-62#2	1.24	98.59	0.17	0.00
DCVC-14-62#3	0.53	97.81	1.28	0.38
DCVC-14-62#4	1.25	98.66	0.09	0.00
DCVC-14-62#5	1.35	98.53	0.12	0.00
DCVC-14-62 COMPOSITE	0.69	95.18	3.13	1.00
DCVC-14-63#1	0.93	99.01	0.06	0.00
DCVC-14-63#3	0.60	98.24	1.06	0.10
DCVC-14-63#2	2.54	97.34	0.12	0.00
DCVC-14-63 COMPOSITE	0.79	98.68	0.49	0.04
DCVC-14-64#1	0.67	94.16	5.09	0.08
DCVC-14-64#2	0.74	96.25	2.29	0.72
DCVC-14-64#3	0.76	95.98	2.85	0.41
DCVC-14-64#4	1.42	97.57	0.42	0.59
DCVC-14-64 COMPOSITE	0.76	95.81	2.97	0.47

**PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY
DARE COUNTY 2014 VIBRACORES (6 of 8)**

SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
DCVC-14-65#1	0.55	77.50	14.03	7.92
DCVC-14-65#2	0.91	98.78	0.31	0.00
DCVC-14-65#5	0.69	92.33	5.42	1.56
DCVC-14-65#3	1.20	97.06	1.33	0.41
DCVC-14-65#4	2.77	97.22	0.01	0.00
DCVC-14-65 COMPOSITE	0.94	92.18	4.66	2.22
DCVC-14-66#1	0.64	87.84	8.44	3.08
DCVC-14-66#2	0.42	99.40	0.18	0.00
DCVC-14-66#3	1.51	98.34	0.15	0.00
DCVC-14-66#4	1.00	95.08	2.82	1.10
DCVC-14-66 COMPOSITE	0.54	97.69	1.34	0.43
DCVC-14-67#1	0.98	97.98	0.63	0.41
DCVC-14-67#2	2.33	97.59	0.08	0.00
DCVC-14-67 COMPOSITE	1.75	97.76	0.32	0.18
DCVC-14-68#1	1.02	98.55	0.23	0.20
DCVC-14-68#2	2.30	97.38	0.27	0.05
DCVC-14-68 COMPOSITE	1.70	97.97	0.25	0.13
DCVC-14-69#1	0.74	99.21	0.05	0.00
DCVC-14-69#2	0.84	96.76	1.22	1.18
DCVC-14-69#3	0.97	98.96	0.07	0.00
DCVC-14-69#4	0.74	99.01	0.25	0.00
DCVC-14-69 COMPOSITE	0.77	98.88	0.26	0.09
DCVC-14-70#1	0.82	97.87	0.94	0.37
DCVC-14-70#2	0.81	99.06	0.13	0.00
DCVC-14-70#3	0.90	98.41	0.47	0.22
DCVC-14-70 COMPOSITE	0.83	98.35	0.59	0.22
DCVC-14-71#1	0.37	95.99	2.16	1.48
DCVC-14-71#2	0.84	98.12	0.50	0.54
DCVC-14-71#3	0.90	94.71	1.46	2.93
DCVC-14-71 COMPOSITE	0.72	97.40	0.98	0.90
DCVC-14-72#1	1.01	80.76	7.41	10.82
DCVC-14-72#2	5.24	92.74	0.60	1.42
DCVC-14-72 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-73#1	1.46	96.13	1.62	0.79
DCVC-14-73#2	3.77	95.32	0.44	0.47
DCVC-14-73 COMPOSITE	1.46	96.13	1.62	0.79
DCVC-14-74#1	1.20	96.80	1.70	0.30
DCVC-14-74#2	3.05	87.34	4.83	4.78
DCVC-14-74 COMPOSITE	1.20	96.80	1.70	0.30
DCVC-14-75#1	2.02	96.88	0.80	0.30
DCVC-14-75#2	1.45	91.80	4.73	2.02
DCVC-14-75 COMPOSITE	2.02	96.88	0.80	0.30
DCVC-14-76#1	4.06	94.57	0.62	0.75
DCVC-14-76#2	4.68	95.06	0.15	0.11
DCVC-14-76 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-77#1	0.80	82.48	8.11	8.61
DCVC-14-77#2	3.43	91.81	3.34	1.42
DCVC-14-77#3	3.59	96.16	0.25	0.00
DCVC-14-77#4	2.78	97.22	0.00	0.00
DCVC-14-77 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		

**PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY
DARE COUNTY 2014 VIBRACORES (7 of 8)**

SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
DCVC-14-78#1	1.27	97.61	0.76	0.36
DCVC-14-78#2	3.31	95.86	0.61	0.22
DCVC-14-78 COMPOSITE	1.75	97.20	0.72	0.33
DCVC-14-79#1	2.32	96.67	0.91	0.10
DCVC-14-79#2	3.02	95.59	0.96	0.43
DCVC-14-79#3	5.98	93.92	0.10	0.00
DCVC-14-79 COMPOSITE	2.32	96.67	0.91	0.10
DCVC-14-80#1	1.23	97.50	1.11	0.16
DCVC-14-80#2	0.82	81.70	10.18	7.30
DCVC-14-80#3	2.17	97.33	0.50	0.00
DCVC-14-80 COMPOSITE	1.17	95.35	2.35	1.13
DCVC-14-81#1	1.13	82.93	11.22	4.72
DCVC-14-81#2	1.03	94.76	3.37	0.84
DCVC-14-81#3	1.25	97.35	0.53	0.87
DCVC-14-81 COMPOSITE	1.12	84.68	10.06	4.15
DCVC-14-82#1	0.95	82.39	9.91	6.75
DCVC-14-82 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-83#1	1.07	92.74	3.43	2.76
DCVC-14-83#2	0.82	79.75	11.96	7.47
DCVC-14-83#3	1.62	97.55	0.68	0.15
DCVC-14-83#4	0.93	93.47	4.25	1.35
DCVC-14-83 COMPOSITE	1.32	93.08	3.43	2.17
DCVC-14-84#1	1.41	98.47	0.12	0.00
DCVC-14-84 COMPOSITE	1.41	98.47	0.12	0.00
DCVC-14-85#1	3.15	92.72	1.43	2.70
DCVC-14-85 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-86#1	1.59	97.26	1.15	0.00
DCVC-14-86#2	0.63	88.63	6.33	4.41
DCVC-14-86#3	4.55	92.32	2.09	1.04
DCVC-14-86#4	13.19	86.40	0.41	0.00
DCVC-14-86 COMPOSITE	1.59	97.26	1.15	0.00
DCVC-14-87#1	1.29	97.43	0.67	0.61
DCVC-14-87#2	1.89	97.15	0.71	0.25
DCVC-14-87 COMPOSITE	1.29	97.43	0.67	0.61
DCVC-14-88#1	0.91	94.83	3.17	1.09
DCVC-14-88#2	2.14	97.52	0.34	0.00
DCVC-14-88 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-89#1	0.96	95.36	2.15	1.53
DCVC-14-89#2	1.22	97.74	0.83	0.21
DCVC-14-89 COMPOSITE		VIBRACORE NOT USED IN BORROW AREA DESIGN		
DCVC-14-90#1	1.36	96.55	1.38	0.71
DCVC-14-90#2	2.33	97.07	0.46	0.14
DCVC-14-90#3	1.37	85.32	6.19	7.12
DCVC-14-90#4	6.17	93.54	0.13	0.16
DCVC-14-90 COMPOSITE	1.39	96.56	1.35	0.69
DCVC-14-91#1	2.13	96.43	1.17	0.27
DCVC-14-91#2	5.69	93.82	0.25	0.24
DCVC-14-91 COMPOSITE	2.13	96.43	1.17	0.27

PERCENTAGE OF MATERIAL BY SEDIMENT GRAIN SIZE CATEGORY DARE COUNTY 2014 VIBRACORES (8 of 8)				
SAMPLE I. D. (NAVD, FT)	FINE % (<0.0625mm)	SAND % (0.0625mm-2.00mm)	GRANULAR % (2mm-4.76mm)	GRAVEL % (4.76mm-76mm)
DCVC-14-92#1	1.66	97.01	0.83	0.50
DCVC-14-92#2	4.13	95.26	0.48	0.13
DCVC-14-92 COMPOSITE	1.66	97.01	0.83	0.50
DCVC-14-93#1	1.21	96.34	1.54	0.91
DCVC-14-93#2	0.87	87.06	7.60	4.47
DCVC-14-93#3	1.77	97.32	0.59	0.32
DCVC-14-93 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN			
DCVC-14-94#1	1.19	98.63	0.11	0.07
DCVC-14-94 COMPOSITE	VIBRACORE NOT USED IN BORROW AREA DESIGN			
DCVC-14-95#1	0.88	98.89	0.23	0.00
DCVC-14-95#2	0.80	96.71	1.86	0.63
DCVC-14-95#3	1.00	99.00	0.00	0.00
DCVC-14-95 COMPOSITE	0.86	98.61	0.44	0.08
DCVC-14-96#1	0.99	98.65	0.36	0.00
DCVC-14-96#2	0.54	96.75	1.95	0.76
DCVC-14-96#3	1.29	96.49	0.92	1.30
DCVC-14-96#4	1.22	97.87	0.91	0.00
DCVC-14-96A#1	2.36	97.28	0.24	0.12
DCVC-14-96 COMPOSITE	0.93	97.88	0.81	0.38
DCVC-14-97#1	0.81	93.97	2.48	2.74
DCVC-14-97#2	0.53	86.21	9.51	3.75
DCVC-14-97#3	1.00	98.69	0.23	0.08
DCVC-14-97A#1	1.93	98.03	0.04	0.00
DCVC-14-97 COMPOSITE	0.78	93.32	3.19	2.70
DCVC-14-98#1	0.53	98.69	0.69	0.09
DCVC-14-98#2	0.84	99.16	0.00	0.00
DCVC-14-98A#1	3.28	94.91	0.46	1.35
DCVC-14-98 COMPOSITE	0.69	98.91	0.37	0.05
DCVC-14-99#1	0.68	98.57	0.75	0.00
DCVC-14-99#2	0.76	99.24	0.00	0.00
DCVC-14-99#3	1.25	98.68	0.07	0.00
DCVC-14-99 COMPOSITE	0.80	99.00	0.20	0.00
DCVC-14-100#1	0.84	98.09	0.08	0.99
DCVC-14-100#2	1.24	98.13	0.44	0.19
DCVC-14-100A#1	1.35	98.03	0.36	0.26
DCVC-14-100 COMPOSITE	0.84	98.09	0.08	0.99
BORROW AREA A	0.83	97.17	1.48	0.52
BORROW AREA C	1.36	95.34	2.21	1.09