

*** GRAIN-SIZE ANALYSES REPORT ***
COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: WN-4 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.129	1.07	1.07
-0.50 (1.414)	0.610	5.07	6.14
-0.25 (1.189)	0.690	5.73	11.88
0.00 (1.000)	1.427	11.86	23.74
0.25 (0.841)	1.334	11.09	34.82
0.50 (0.707)	0.835	6.94	41.76
0.75 (0.595)	0.841	6.99	48.75
1.00 (0.500)	1.248	10.37	59.13
1.25 (0.420)	0.839	6.97	66.10
1.50 (0.354)	1.254	10.42	76.52
1.75 (0.297)	0.715	5.94	82.46
2.00 (0.250)	1.005	8.35	90.82
2.25 (0.210)	0.507	4.21	95.03
2.50 (0.177)	0.215	1.79	96.82
2.75 (0.149)	0.144	1.20	98.01
3.00 (0.125)	0.113	0.94	98.95
3.25 (0.105)	0.052	0.43	99.38
3.50 (0.088)	0.017	0.14	99.53
3.75 (0.074)	0.011	0.09	99.62
4.00 (0.063)	0.005	0.04	99.66
4.25 (0.053)	0.012	0.10	99.76
4.50 (0.044)	0.029	0.24	100.00

TOTAL WEIGHT OF SAMPLE IS 12.032 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.804 (0.573)	0.915 (0.530)	0.042	0.801

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.816 (0.568)	0.980 (0.507)	0.037	0.432

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; VERY PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
0.800 (0.574)	0.918 (0.529)	0.411	2.834

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 01/23/2006

*** GRAIN-SIZE ANALYSES REPORT ***
COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: WN-4 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.996	4.72	4.72
0.25 (0.841)	0.770	3.65	8.37
0.50 (0.707)	0.594	2.82	11.19
0.75 (0.595)	0.756	3.58	14.78
1.00 (0.500)	1.466	6.95	21.73
1.25 (0.420)	1.292	6.13	27.85
1.50 (0.354)	2.583	12.25	40.10
1.75 (0.297)	1.904	9.03	49.13
2.00 (0.250)	4.031	19.11	68.24
2.25 (0.210)	2.941	13.95	82.19
2.50 (0.177)	1.432	6.79	88.98
2.75 (0.149)	1.163	5.51	94.49
3.00 (0.125)	0.720	3.41	97.91
3.25 (0.105)	0.262	1.24	99.15
3.50 (0.088)	0.087	0.41	99.56
3.75 (0.074)	0.032	0.15	99.72
4.00 (0.063)	0.018	0.09	99.80
4.25 (0.053)	0.013	0.06	99.86
4.50 (0.044)	0.012	0.06	99.92
4.75 (0.037)	0.010	0.05	99.97
5.00 (0.031)	0.003	0.01	99.98
5.25 (0.026)	0.004	0.02	100.00

TOTAL WEIGHT OF SAMPLE IS 21.089 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.624 (0.324)	0.800 (0.574)	-0.265	1.149

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.555 (0.340)	0.761 (0.590)	-0.271	0.818

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.606 (0.329)	0.793 (0.577)	-0.333	3.035

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: WN-4 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.271	1.20	1.20
0.25 (0.841)	0.474	2.09	3.29
0.50 (0.707)	0.439	1.94	5.23
0.75 (0.595)	0.612	2.70	7.94
1.00 (0.500)	1.276	5.64	13.57
1.25 (0.420)	1.152	5.09	18.66
1.50 (0.354)	2.423	10.71	29.37
1.75 (0.297)	1.885	8.33	37.70
2.00 (0.250)	4.451	19.67	57.37
2.25 (0.210)	3.703	16.36	73.73
2.50 (0.177)	2.115	9.35	83.08
2.75 (0.149)	1.871	8.27	91.34
3.00 (0.125)	1.406	6.21	97.56
3.25 (0.105)	0.342	1.51	99.07
3.50 (0.088)	0.118	0.52	99.59
3.75 (0.074)	0.032	0.14	99.73
4.00 (0.063)	0.018	0.08	99.81
4.25 (0.053)	0.011	0.05	99.86
4.50 (0.044)	0.002	0.01	99.87
4.75 (0.037)	0.013	0.06	99.92
5.00 (0.031)	0.002	0.01	99.93
5.25 (0.026)	0.015	0.07	100.00

TOTAL WEIGHT OF SAMPLE IS 22.631 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.851 (0.277)	0.720 (0.607)	-0.151	1.123

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.824 (0.283)	0.704 (0.614)	-0.118	0.723

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.830 (0.281)	0.716 (0.609)	-0.364	3.477

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WN-4 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.175	0.72	0.72
0.25 (0.841)	0.385	1.59	2.31
0.50 (0.707)	0.357	1.48	3.79
0.75 (0.595)	0.479	1.98	5.77
1.00 (0.500)	0.999	4.13	9.90
1.25 (0.420)	0.964	3.98	13.88
1.50 (0.354)	2.064	8.53	22.41
1.75 (0.297)	1.783	7.37	29.78
2.00 (0.250)	4.639	19.17	48.95
2.25 (0.210)	4.369	18.06	67.01
2.50 (0.177)	2.786	11.51	78.52
2.75 (0.149)	2.526	10.44	88.96
3.00 (0.125)	1.875	7.75	96.71
3.25 (0.105)	0.516	2.13	98.84
3.50 (0.088)	0.161	0.67	99.50
3.75 (0.074)	0.041	0.17	99.67
4.00 (0.063)	0.020	0.08	99.76
4.25 (0.053)	0.013	0.05	99.81
4.50 (0.044)	0.004	0.02	99.83
4.75 (0.037)	0.016	0.07	99.89
5.00 (0.031)	0.008	0.03	99.93
5.25 (0.026)	0.018	0.07	100.00

TOTAL WEIGHT OF SAMPLE IS 24.198 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.986 (0.252)	0.677 (0.625)	-0.127	1.124

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.972 (0.255)	0.660 (0.633)	-0.065	0.738

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.960 (0.257)	0.690 (0.620)	-0.451	3.864

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: WN-4 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	1.226	4.98	4.98
0.25 (0.841)	0.899	3.65	8.63
0.50 (0.707)	0.599	2.43	11.07
0.75 (0.595)	0.648	2.63	13.70
1.00 (0.500)	1.228	4.99	18.69
1.25 (0.420)	1.042	4.23	22.92
1.50 (0.354)	1.984	8.06	30.98
1.75 (0.297)	1.540	6.26	37.24
2.00 (0.250)	3.863	15.69	52.93
2.25 (0.210)	3.873	15.73	68.66
2.50 (0.177)	2.471	10.04	78.70
2.75 (0.149)	2.394	9.73	88.43
3.00 (0.125)	1.840	7.47	95.90
3.25 (0.105)	0.709	2.88	98.78
3.50 (0.088)	0.210	0.85	99.63
3.75 (0.074)	0.058	0.24	99.87
4.00 (0.063)	0.024	0.10	99.97
4.25 (0.053)	0.008	0.03	100.00
4.50 (0.044)	0.000	0.00	100.00
4.75 (0.037)	0.000	0.00	100.00
5.00 (0.031)	0.000	0.00	100.00
5.25 (0.026)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 24.616 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.818 (0.284)	0.893 (0.539)	-0.272	1.113

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.751 (0.297)	0.885 (0.541)	-0.229	0.676

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.797 (0.288)	0.860 (0.551)	-0.618	2.772

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WN-4 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.103	0.60	0.60
0.25 (0.841)	0.142	0.83	1.43
0.50 (0.707)	0.123	0.72	2.15
0.75 (0.595)	0.200	1.17	3.31
1.00 (0.500)	0.445	2.60	5.91
1.25 (0.420)	0.532	3.10	9.01
1.50 (0.354)	0.589	3.44	12.45
1.75 (0.297)	0.854	4.98	17.43
2.00 (0.250)	2.709	15.80	33.23
2.25 (0.210)	3.067	17.89	51.11
2.50 (0.177)	2.206	12.87	63.98
2.75 (0.149)	2.449	14.28	78.26
3.00 (0.125)	2.368	13.81	92.07
3.25 (0.105)	0.918	5.35	97.43
3.50 (0.088)	0.288	1.68	99.11
3.75 (0.074)	0.086	0.50	99.61
4.00 (0.063)	0.036	0.21	99.82
4.25 (0.053)	0.017	0.10	99.92
4.50 (0.044)	0.005	0.03	99.95
4.75 (0.037)	0.006	0.03	99.98
5.00 (0.031)	0.000	0.00	99.98
5.25 (0.026)	0.003	0.02	100.00

TOTAL WEIGHT OF SAMPLE IS 17.146 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.256 (0.209)	0.631 (0.646)	-0.067	1.107

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.266 (0.208)	0.588 (0.665)	0.054	0.892

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.208 (0.216)	0.668 (0.629)	-0.722	4.112

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: WN-4 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.285	1.82	1.82
0.25 (0.841)	0.149	0.95	2.77
0.50 (0.707)	0.151	0.96	3.73
0.75 (0.595)	0.191	1.22	4.95
1.00 (0.500)	0.403	2.57	7.52
1.25 (0.420)	0.362	2.31	9.83
1.50 (0.354)	0.783	4.99	14.82
1.75 (0.297)	0.798	5.09	19.91
2.00 (0.250)	2.367	15.09	35.00
2.25 (0.210)	2.681	17.10	52.10
2.50 (0.177)	1.798	11.47	63.56
2.75 (0.149)	1.939	12.36	75.93
3.00 (0.125)	2.037	12.99	88.92
3.25 (0.105)	1.025	6.54	95.45
3.50 (0.088)	0.436	2.78	98.23
3.75 (0.074)	0.129	0.82	99.06
4.00 (0.063)	0.056	0.36	99.41
4.25 (0.053)	0.034	0.22	99.63
4.50 (0.044)	0.019	0.12	99.75
4.75 (0.037)	0.021	0.13	99.89
5.00 (0.031)	0.011	0.07	99.96
5.25 (0.026)	0.007	0.04	100.00

TOTAL WEIGHT OF SAMPLE IS 15.682 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.228 (0.214)	0.712 (0.610)	-0.082	1.132

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.232 (0.213)	0.674 (0.627)	0.018	0.839

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.194 (0.218)	0.760 (0.591)	-0.643	4.165

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: WN-4 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.213	1.08	1.08
0.25 (0.841)	0.323	1.64	2.72
0.50 (0.707)	0.281	1.43	4.15
0.75 (0.595)	0.339	1.72	5.87
1.00 (0.500)	0.630	3.20	9.07
1.25 (0.420)	0.563	2.86	11.93
1.50 (0.354)	1.284	6.52	18.45
1.75 (0.297)	1.248	6.34	24.79
2.00 (0.250)	3.709	18.84	43.62
2.25 (0.210)	3.798	19.29	62.91
2.50 (0.177)	2.224	11.29	74.21
2.75 (0.149)	1.977	10.04	84.25
3.00 (0.125)	1.744	8.86	93.10
3.25 (0.105)	0.799	4.06	97.16
3.50 (0.088)	0.324	1.65	98.81
3.75 (0.074)	0.096	0.49	99.29
4.00 (0.063)	0.048	0.24	99.54
4.25 (0.053)	0.027	0.14	99.67
4.50 (0.044)	0.016	0.08	99.76
4.75 (0.037)	0.020	0.10	99.86
5.00 (0.031)	0.015	0.08	99.93
5.25 (0.026)	0.013	0.07	100.00

TOTAL WEIGHT OF SAMPLE IS 19.691 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.078 (0.237)	0.712 (0.610)	-0.091	1.332

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.075 (0.237)	0.669 (0.629)	-0.011	0.864

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.050 (0.242)	0.731 (0.602)	-0.444	4.079

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: WN-4 12.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.013	0.13	0.13
-0.50 (1.414)	0.046	0.45	0.57
-0.25 (1.189)	0.057	0.55	1.13
0.00 (1.000)	0.116	1.13	2.26
0.25 (0.841)	0.242	2.35	4.61
0.50 (0.707)	0.352	3.42	8.03
0.75 (0.595)	0.585	5.69	13.72
1.00 (0.500)	0.933	9.07	22.78
1.25 (0.420)	0.686	6.67	29.45
1.50 (0.354)	1.120	10.89	40.34
1.75 (0.297)	0.693	6.74	47.07
2.00 (0.250)	1.158	11.26	58.33
2.25 (0.210)	0.919	8.93	67.26
2.50 (0.177)	0.573	5.57	72.83
2.75 (0.149)	0.569	5.53	78.36
3.00 (0.125)	0.642	6.24	84.60
3.25 (0.105)	0.441	4.29	88.89
3.50 (0.088)	0.206	2.00	90.89
3.75 (0.074)	0.171	1.66	92.55
4.00 (0.063)	0.118	1.15	93.70
4.25 (0.053)	0.112	1.09	94.79
4.50 (0.044)	0.536	5.21	100.00

TOTAL WEIGHT OF SAMPLE IS 10.288 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.868 (0.274)	1.144 (0.453)	0.151	1.077

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.894 (0.269)	1.081 (0.473)	0.073	0.841

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.894 (0.269)	1.100 (0.466)	0.420	2.811

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 01/23/2006