

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

SAMPLE: WN-16 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.894	3.87	3.87
0.25 (0.841)	0.983	4.26	8.13
0.50 (0.707)	1.555	6.73	14.86
0.75 (0.595)	2.440	10.57	25.43
1.00 (0.500)	3.797	16.44	41.87
1.25 (0.420)	1.969	8.53	50.40
1.50 (0.354)	3.036	13.15	63.54
1.75 (0.297)	1.764	7.64	71.18
2.00 (0.250)	2.722	11.79	82.97
2.25 (0.210)	1.221	5.29	88.26
2.50 (0.177)	0.435	1.88	90.14
2.75 (0.149)	0.244	1.06	91.20
3.00 (0.125)	0.180	0.78	91.98
3.25 (0.105)	1.839	7.96	99.94
3.50 (0.088)	0.012	0.05	99.99
3.75 (0.074)	0.002	0.01	100.00
4.00 (0.063)	0.000	0.00	100.00
4.25 (0.053)	0.000	0.00	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 23.093 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.271 (0.414)	0.839 (0.559)	0.146	1.138

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.288 (0.410)	0.761 (0.590)	0.065	0.990

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.316 (0.402)	0.829 (0.563)	0.546	2.835

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; MESOKURITIC

PREPARED BY BL ON 01/23/2006

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: WN-16 2.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.602	2.42	2.42
0.25 (0.841)	0.892	3.58	6.00
0.50 (0.707)	1.330	5.34	11.33
0.75 (0.595)	2.379	9.55	20.88
1.00 (0.500)	3.627	14.56	35.44
1.25 (0.420)	2.005	8.05	43.49
1.50 (0.354)	3.187	12.79	56.28
1.75 (0.297)	2.066	8.29	64.57
2.00 (0.250)	3.647	14.64	79.21
2.25 (0.210)	1.893	7.60	86.81
2.50 (0.177)	0.690	2.77	89.58
2.75 (0.149)	0.408	1.64	91.22
3.00 (0.125)	0.286	1.15	92.37
3.25 (0.105)	1.884	7.56	99.93
3.50 (0.088)	0.016	0.06	99.99
3.75 (0.074)	0.002	0.01	100.00
4.00 (0.063)	0.000	0.00	100.00
4.25 (0.053)	0.000	0.00	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 24.914 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.386 (0.383)	0.824 (0.565)	0.096	1.076

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.390 (0.382)	0.768 (0.587)	0.016	0.893

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
1.426 (0.372)	0.809 (0.571)	0.371	2.646

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: WN-16 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.399	1.52	1.52
0.25 (0.841)	0.843	3.22	4.75
0.50 (0.707)	1.312	5.01	9.76
0.75 (0.595)	2.197	8.40	18.16
1.00 (0.500)	3.679	14.06	32.22
1.25 (0.420)	2.029	7.75	39.97
1.50 (0.354)	3.377	12.91	52.88
1.75 (0.297)	2.237	8.55	61.42
2.00 (0.250)	4.079	15.59	77.01
2.25 (0.210)	2.220	8.48	85.50
2.50 (0.177)	0.844	3.23	88.72
2.75 (0.149)	0.541	2.07	90.79
3.00 (0.125)	0.391	1.49	92.28
3.25 (0.105)	1.954	7.47	99.75
3.50 (0.088)	0.033	0.13	99.88
3.75 (0.074)	0.015	0.06	99.94
4.00 (0.063)	0.004	0.02	99.95
4.25 (0.053)	0.006	0.02	99.97
4.50 (0.044)	0.003	0.01	99.98
4.75 (0.037)	0.003	0.01	100.00
5.00 (0.031)	0.000	0.00	100.00
5.25 (0.026)	0.001	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 26.167 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.445 (0.367)	0.809 (0.571)	0.083	1.058

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.446 (0.367)	0.760 (0.590)	0.002	0.861

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
1.489 (0.356)	0.801 (0.574)	0.338	2.654

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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

SAMPLE: WN-16 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.644	2.00	2.00
0.25 (0.841)	0.466	1.44	3.44
0.50 (0.707)	0.611	1.89	5.33
0.75 (0.595)	1.175	3.64	8.98
1.00 (0.500)	2.090	6.48	15.46
1.25 (0.420)	1.303	4.04	19.49
1.50 (0.354)	2.570	7.97	27.46
1.75 (0.297)	2.017	6.25	33.71
2.00 (0.250)	5.502	17.05	50.77
2.25 (0.210)	4.974	15.42	66.19
2.50 (0.177)	2.892	8.96	75.15
2.75 (0.149)	2.297	7.12	82.27
3.00 (0.125)	2.379	7.37	89.64
3.25 (0.105)	2.991	9.27	98.92
3.50 (0.088)	0.210	0.65	99.57
3.75 (0.074)	0.066	0.20	99.77
4.00 (0.063)	0.024	0.07	99.85
4.25 (0.053)	0.014	0.04	99.89
4.50 (0.044)	0.014	0.04	99.93
4.75 (0.037)	0.009	0.03	99.96
5.00 (0.031)	0.005	0.02	99.98
5.25 (0.026)	0.008	0.02	100.00

TOTAL WEIGHT OF SAMPLE IS 32.261 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.944 (0.260)	0.851 (0.554)	-0.108	1.027

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.921 (0.264)	0.887 (0.541)	-0.076	0.515

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.931 (0.262)	0.811 (0.570)	-0.389	2.854

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WN-16 8.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	1.025	3.72	3.72
0.25 (0.841)	1.588	5.76	9.48
0.50 (0.707)	1.825	6.62	16.09
0.75 (0.595)	2.277	8.26	24.35
1.00 (0.500)	2.763	10.02	34.37
1.25 (0.420)	1.447	5.25	39.62
1.50 (0.354)	2.127	7.71	47.33
1.75 (0.297)	1.421	5.15	52.49
2.00 (0.250)	2.974	10.79	63.27
2.25 (0.210)	2.638	9.57	72.84
2.50 (0.177)	1.640	5.95	78.79
2.75 (0.149)	1.477	5.36	84.14
3.00 (0.125)	1.532	5.56	89.70
3.25 (0.105)	2.473	8.97	98.67
3.50 (0.088)	0.119	0.43	99.10
3.75 (0.074)	0.055	0.20	99.30
4.00 (0.063)	0.046	0.17	99.46
4.25 (0.053)	0.020	0.07	99.54
4.50 (0.044)	0.033	0.12	99.66
4.75 (0.037)	0.025	0.09	99.75
5.00 (0.031)	0.018	0.07	99.81
5.25 (0.026)	0.052	0.19	100.00

TOTAL WEIGHT OF SAMPLE IS 27.575 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.623 (0.325)	1.030 (0.490)	-0.013	0.805

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.620 (0.325)	1.123 (0.459)	-0.008	0.376

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; VERY PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.596 (0.331)	0.995 (0.502)	0.157	2.285

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: WN-16 10.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.939	3.29	3.29
0.25 (0.841)	0.922	3.23	6.52
0.50 (0.707)	1.304	4.57	11.10
0.75 (0.595)	1.961	6.87	17.97
1.00 (0.500)	3.093	10.84	28.81
1.25 (0.420)	1.693	5.93	34.75
1.50 (0.354)	2.641	9.26	44.01
1.75 (0.297)	1.664	5.83	49.84
2.00 (0.250)	3.664	12.84	62.68
2.25 (0.210)	3.252	11.40	74.08
2.50 (0.177)	2.002	7.02	81.10
2.75 (0.149)	1.819	6.38	87.48
3.00 (0.125)	2.000	7.01	94.49
3.25 (0.105)	1.107	3.88	98.37
3.50 (0.088)	0.230	0.81	99.18
3.75 (0.074)	0.103	0.36	99.54
4.00 (0.063)	0.044	0.15	99.69
4.25 (0.053)	0.027	0.09	99.79
4.50 (0.044)	0.018	0.06	99.85
4.75 (0.037)	0.021	0.07	99.92
5.00 (0.031)	0.011	0.04	99.96
5.25 (0.026)	0.011	0.04	100.00

TOTAL WEIGHT OF SAMPLE IS 28.526 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.682 (0.312)	0.923 (0.527)	-0.114	0.867

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.646 (0.320)	0.968 (0.511)	-0.111	0.499

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.644 (0.320)	0.897 (0.537)	0.001	2.405

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: WN-16 12.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.921	3.37	3.37
0.25 (0.841)	0.430	1.57	4.94
0.50 (0.707)	0.395	1.44	6.38
0.75 (0.595)	0.552	2.02	8.40
1.00 (0.500)	0.960	3.51	11.91
1.25 (0.420)	0.583	2.13	14.05
1.50 (0.354)	1.005	3.67	17.72
1.75 (0.297)	0.843	3.08	20.80
2.00 (0.250)	2.281	8.34	29.14
2.25 (0.210)	2.912	10.65	39.79
2.50 (0.177)	2.580	9.43	49.23
2.75 (0.149)	3.191	11.67	60.90
3.00 (0.125)	5.599	20.47	81.37
3.25 (0.105)	3.676	13.44	94.81
3.50 (0.088)	0.546	2.00	96.81
3.75 (0.074)	0.306	1.12	97.93
4.00 (0.063)	0.134	0.49	98.42
4.25 (0.053)	0.116	0.42	98.84
4.50 (0.044)	0.083	0.30	99.14
4.75 (0.037)	0.093	0.34	99.48
5.00 (0.031)	0.044	0.16	99.65
5.25 (0.026)	0.097	0.35	100.00

TOTAL WEIGHT OF SAMPLE IS 27.347 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.316 (0.201)	0.873 (0.546)	-0.429	1.180

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.216 (0.215)	0.833 (0.561)	-0.361	0.809

GRANULOMETRIC DESCRIPTION:

FINE 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
2.292 (0.204)	0.927 (0.526)	-0.767	3.735

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 01/23/2006