

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

SAMPLE: WN-11 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.088	0.62	0.62
-0.50 (1.414)	0.191	1.35	1.97
-0.25 (1.189)	0.374	2.64	4.60
0.00 (1.000)	0.668	4.71	9.31
0.25 (0.841)	1.120	7.89	17.21
0.50 (0.707)	1.181	8.32	25.53
0.75 (0.595)	1.621	11.43	36.96
1.00 (0.500)	2.416	17.03	53.99
1.25 (0.420)	1.408	9.92	63.91
1.50 (0.354)	2.022	14.25	78.16
1.75 (0.297)	0.941	6.63	84.80
2.00 (0.250)	1.182	8.33	93.13
2.25 (0.210)	0.517	3.64	96.77
2.50 (0.177)	0.192	1.35	98.13
2.75 (0.149)	0.140	0.99	99.11
3.00 (0.125)	0.098	0.69	99.80
3.25 (0.105)	0.028	0.20	100.00
3.50 (0.088)	0.000	0.00	100.00
3.75 (0.074)	0.000	0.00	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

TOTAL WEIGHT OF SAMPLE IS 14.187 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.958 (0.515)	0.734 (0.601)	0.020	1.006

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.966 (0.512)	0.754 (0.593)	0.032	0.563

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
0.965 (0.512)	0.721 (0.607)	0.038	2.826

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 01/23/2006

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: WN-11 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.332	1.79	1.79
-0.50 (1.414)	0.457	2.46	4.25
-0.25 (1.189)	0.872	4.70	8.95
0.00 (1.000)	1.331	7.17	16.12
0.25 (0.841)	2.152	11.59	27.71
0.50 (0.707)	1.939	10.45	38.16
0.75 (0.595)	2.346	12.64	50.80
1.00 (0.500)	3.200	17.24	68.04
1.25 (0.420)	1.609	8.67	76.71
1.50 (0.354)	1.995	10.75	87.46
1.75 (0.297)	0.812	4.37	91.83
2.00 (0.250)	0.883	4.76	96.59
2.25 (0.210)	0.330	1.78	98.37
2.50 (0.177)	0.112	0.60	98.97
2.75 (0.149)	0.082	0.44	99.41
3.00 (0.125)	0.069	0.37	99.78
3.25 (0.105)	0.033	0.18	99.96
3.50 (0.088)	0.007	0.04	100.00
3.75 (0.074)	0.000	0.00	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

TOTAL WEIGHT OF SAMPLE IS 18.561 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.717 (0.609)	0.716 (0.609)	-0.021	0.965

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.708 (0.612)	0.712 (0.611)	-0.037	0.669

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
0.713 (0.610)	0.717 (0.608)	0.172	2.976

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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

SAMPLE: WN-11 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.073	0.45	0.45
-0.50 (1.414)	0.273	1.69	2.14
-0.25 (1.189)	0.497	3.07	5.21
0.00 (1.000)	0.863	5.34	10.55
0.25 (0.841)	1.510	9.34	19.89
0.50 (0.707)	1.500	9.28	29.17
0.75 (0.595)	2.123	13.13	42.30
1.00 (0.500)	3.128	19.35	61.65
1.25 (0.420)	1.686	10.43	72.08
1.50 (0.354)	2.177	13.47	85.54
1.75 (0.297)	0.908	5.62	91.16
2.00 (0.250)	0.915	5.66	96.82
2.25 (0.210)	0.302	1.87	98.69
2.50 (0.177)	0.098	0.61	99.29
2.75 (0.149)	0.061	0.38	99.67
3.00 (0.125)	0.038	0.24	99.91
3.25 (0.105)	0.013	0.08	99.99
3.50 (0.088)	0.000	0.00	99.99
3.75 (0.074)	0.000	0.00	99.99
4.00 (0.063)	0.002	0.01	100.00
4.25 (0.053)	0.000	0.00	100.00
4.50 (0.044)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 16.167 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.822 (0.566)	0.663 (0.632)	-0.042	0.978

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.809 (0.571)	0.663 (0.632)	-0.062	0.650

GRANULOMETRIC DESCRIPTION:

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

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
0.839 (0.559)	0.658 (0.634)	0.024	2.946

GRANULOMETRIC DESCRIPTION:

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

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

SAMPLE: WN-11 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.085	0.46	0.46
-0.50 (1.414)	0.403	2.18	2.63
-0.25 (1.189)	0.698	3.77	6.40
0.00 (1.000)	1.114	6.01	12.41
0.25 (0.841)	1.625	8.77	21.18
0.50 (0.707)	1.636	8.83	30.01
0.75 (0.595)	2.123	11.46	41.47
1.00 (0.500)	3.316	17.90	59.37
1.25 (0.420)	1.945	10.50	69.87
1.50 (0.354)	2.581	13.93	83.80
1.75 (0.297)	1.146	6.19	89.98
2.00 (0.250)	1.168	6.30	96.29
2.25 (0.210)	0.385	2.08	98.36
2.50 (0.177)	0.121	0.65	99.02
2.75 (0.149)	0.079	0.43	99.44
3.00 (0.125)	0.059	0.32	99.76
3.25 (0.105)	0.020	0.11	99.87
3.50 (0.088)	0.002	0.01	99.88
3.75 (0.074)	0.000	0.00	99.88
4.00 (0.063)	0.001	0.01	99.89
4.25 (0.053)	0.000	0.00	99.89
4.50 (0.044)	0.021	0.11	100.00

TOTAL WEIGHT OF SAMPLE IS 18.528 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.827 (0.564)	0.699 (0.616)	-0.074	0.955

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.805 (0.572)	0.703 (0.614)	-0.091	0.630

GRANULOMETRIC DESCRIPTION:

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

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
0.850 (0.555)	0.702 (0.615)	0.110	3.353

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: WN-11 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.081	0.41	0.41
-0.50 (1.414)	0.276	1.39	1.79
-0.25 (1.189)	0.494	2.48	4.27
0.00 (1.000)	0.856	4.30	8.57
0.25 (0.841)	1.510	7.58	16.15
0.50 (0.707)	1.507	7.56	23.71
0.75 (0.595)	2.034	10.21	33.92
1.00 (0.500)	3.453	17.33	51.26
1.25 (0.420)	2.172	10.90	62.16
1.50 (0.354)	3.296	16.55	78.71
1.75 (0.297)	1.474	7.40	86.11
2.00 (0.250)	1.713	8.60	94.70
2.25 (0.210)	0.596	2.99	97.70
2.50 (0.177)	0.193	0.97	98.66
2.75 (0.149)	0.123	0.62	99.28
3.00 (0.125)	0.087	0.44	99.72
3.25 (0.105)	0.034	0.17	99.89
3.50 (0.088)	0.008	0.04	99.93
3.75 (0.074)	0.002	0.01	99.94
4.00 (0.063)	0.005	0.03	99.96
4.25 (0.053)	0.002	0.01	99.97
4.50 (0.044)	0.005	0.03	100.00

TOTAL WEIGHT OF SAMPLE IS 19.921 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.969 (0.511)	0.697 (0.617)	-0.047	1.003

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.962 (0.513)	0.717 (0.608)	-0.028	0.557

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
0.983 (0.506)	0.693 (0.618)	-0.037	3.103

GRANULOMETRIC DESCRIPTION:

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

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

SAMPLE: WN-11 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.030	0.19	0.19
-0.50 (1.414)	0.112	0.72	0.91
-0.25 (1.189)	0.339	2.18	3.10
0.00 (1.000)	0.588	3.79	6.89
0.25 (0.841)	1.101	7.09	13.98
0.50 (0.707)	1.125	7.25	21.23
0.75 (0.595)	1.452	9.35	30.58
1.00 (0.500)	2.508	16.16	46.73
1.25 (0.420)	1.724	11.11	57.84
1.50 (0.354)	2.768	17.83	75.67
1.75 (0.297)	1.305	8.41	84.08
2.00 (0.250)	1.532	9.87	93.94
2.25 (0.210)	0.541	3.48	97.43
2.50 (0.177)	0.168	1.08	98.51
2.75 (0.149)	0.107	0.69	99.20
3.00 (0.125)	0.078	0.50	99.70
3.25 (0.105)	0.031	0.20	99.90
3.50 (0.088)	0.007	0.05	99.95
3.75 (0.074)	0.001	0.01	99.95
4.00 (0.063)	0.004	0.03	99.98
4.25 (0.053)	0.002	0.01	99.99
4.50 (0.044)	0.001	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 15.524 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.047 (0.484)	0.690 (0.620)	-0.072	1.013

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.034 (0.488)	0.714 (0.610)	-0.056	0.541

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
1.051 (0.483)	0.680 (0.624)	-0.062	2.989

GRANULOMETRIC DESCRIPTION:

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

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

SAMPLE: WN-11 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.017	0.09	0.09
-0.50 (1.414)	0.104	0.53	0.62
-0.25 (1.189)	0.223	1.14	1.76
0.00 (1.000)	0.481	2.47	4.23
0.25 (0.841)	0.925	4.74	8.97
0.50 (0.707)	1.169	6.00	14.97
0.75 (0.595)	1.619	8.30	23.27
1.00 (0.500)	2.964	15.20	38.47
1.25 (0.420)	2.084	10.69	49.16
1.50 (0.354)	3.843	19.71	68.87
1.75 (0.297)	1.865	9.56	78.43
2.00 (0.250)	2.412	12.37	90.80
2.25 (0.210)	0.917	4.70	95.51
2.50 (0.177)	0.315	1.62	97.12
2.75 (0.149)	0.210	1.08	98.20
3.00 (0.125)	0.163	0.84	99.04
3.25 (0.105)	0.073	0.37	99.41
3.50 (0.088)	0.023	0.12	99.53
3.75 (0.074)	0.014	0.07	99.60
4.00 (0.063)	0.013	0.07	99.67
4.25 (0.053)	0.008	0.04	99.71
4.50 (0.044)	0.057	0.29	100.00

TOTAL WEIGHT OF SAMPLE IS 19.499 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.218 (0.430)	0.664 (0.631)	-0.107	1.014

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.197 (0.436)	0.666 (0.630)	-0.096	0.639

GRANULOMETRIC DESCRIPTION:

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

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.206 (0.433)	0.694 (0.618)	0.242	4.263

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: WN-11 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.062	0.42	0.42
-0.50 (1.414)	0.237	1.62	2.04
-0.25 (1.189)	0.487	3.33	5.37
0.00 (1.000)	1.040	7.10	12.47
0.25 (0.841)	1.418	9.68	22.15
0.50 (0.707)	1.300	8.88	31.03
0.75 (0.595)	1.598	10.91	41.94
1.00 (0.500)	2.204	15.05	56.99
1.25 (0.420)	1.271	8.68	65.67
1.50 (0.354)	1.745	11.92	77.59
1.75 (0.297)	0.889	6.07	83.66
2.00 (0.250)	1.086	7.42	91.07
2.25 (0.210)	0.511	3.49	94.56
2.50 (0.177)	0.223	1.52	96.09
2.75 (0.149)	0.172	1.17	97.26
3.00 (0.125)	0.152	1.04	98.30
3.25 (0.105)	0.072	0.49	98.79
3.50 (0.088)	0.029	0.20	98.99
3.75 (0.074)	0.027	0.18	99.17
4.00 (0.063)	0.019	0.13	99.30
4.25 (0.053)	0.025	0.17	99.47
4.50 (0.044)	0.077	0.53	100.00

TOTAL WEIGHT OF SAMPLE IS 14.644 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.912 (0.531)	0.811 (0.570)	0.079	0.955

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.926 (0.526)	0.835 (0.561)	0.051	0.556

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
0.944 (0.520)	0.840 (0.559)	0.695	4.230

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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