

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

SAMPLE: WN-2 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.026	0.25	0.25
-0.25 (1.189)	0.222	2.14	2.39
0.00 (1.000)	0.391	3.76	6.15
0.25 (0.841)	0.635	6.11	12.27
0.50 (0.707)	0.682	6.57	18.83
0.75 (0.595)	0.955	9.19	28.03
1.00 (0.500)	1.902	18.31	46.34
1.25 (0.420)	1.142	10.99	57.33
1.50 (0.354)	1.713	16.49	73.82
1.75 (0.297)	0.836	8.05	81.87
2.00 (0.250)	1.018	9.80	91.67
2.25 (0.210)	0.405	3.90	95.57
2.50 (0.177)	0.167	1.61	97.18
2.75 (0.149)	0.126	1.21	98.39
3.00 (0.125)	0.112	1.08	99.47
3.25 (0.105)	0.036	0.35	99.82
3.50 (0.088)	0.013	0.13	99.94
3.75 (0.074)	0.006	0.06	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

TOTAL WEIGHT OF SAMPLE IS 10.387 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.093 (0.469)	0.700 (0.616)	0.004	1.080

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.098 (0.467)	0.706 (0.613)	0.021	0.622

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
1.102 (0.466)	0.693 (0.619)	0.137	3.044

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: WN-2 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.327	1.92	1.92
0.25 (0.841)	0.693	4.08	6.00
0.50 (0.707)	0.774	4.55	10.55
0.75 (0.595)	1.332	7.84	18.39
1.00 (0.500)	2.623	15.43	33.82
1.25 (0.420)	1.839	10.82	44.64
1.50 (0.354)	2.808	16.52	61.16
1.75 (0.297)	1.618	9.52	70.67
2.00 (0.250)	2.333	13.72	84.40
2.25 (0.210)	1.172	6.89	91.29
2.50 (0.177)	0.598	3.52	94.81
2.75 (0.149)	0.469	2.76	97.57
3.00 (0.125)	0.358	2.11	99.68
3.25 (0.105)	0.035	0.21	99.88
3.50 (0.088)	0.003	0.02	99.90
3.75 (0.074)	0.001	0.01	99.91
4.00 (0.063)	0.008	0.05	99.95
4.25 (0.053)	0.002	0.01	99.96
4.50 (0.044)	0.001	0.01	99.97
4.75 (0.037)	0.001	0.01	99.98
5.00 (0.031)	0.002	0.01	99.99
5.25 (0.026)	0.002	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 16.999 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.333 (0.397)	0.683 (0.623)	0.011	0.982

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.333 (0.397)	0.659 (0.633)	0.003	0.765

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
1.339 (0.395)	0.679 (0.625)	0.165	2.931

GRANULOMETRIC DESCRIPTION:

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

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: WN-2 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.245	1.50	1.50
0.25 (0.841)	0.466	2.86	4.36
0.50 (0.707)	0.534	3.27	7.63
0.75 (0.595)	0.725	4.45	12.08
1.00 (0.500)	1.253	7.68	19.76
1.25 (0.420)	0.942	5.78	25.54
1.50 (0.354)	1.395	8.55	34.09
1.75 (0.297)	0.818	5.02	39.11
2.00 (0.250)	1.932	11.85	50.95
2.25 (0.210)	1.822	11.17	62.13
2.50 (0.177)	1.257	7.71	69.83
2.75 (0.149)	1.435	8.80	78.63
3.00 (0.125)	1.693	10.38	89.01
3.25 (0.105)	0.881	5.40	94.41
3.50 (0.088)	0.336	2.06	96.47
3.75 (0.074)	0.136	0.83	97.31
4.00 (0.063)	0.096	0.59	97.90
4.25 (0.053)	0.060	0.37	98.26
4.50 (0.044)	0.059	0.36	98.63
4.75 (0.037)	0.055	0.34	98.96
5.00 (0.031)	0.070	0.43	99.39
5.25 (0.026)	0.099	0.61	100.00

TOTAL WEIGHT OF SAMPLE IS 16.309 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.912 (0.266)	0.958 (0.515)	-0.107	0.872

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.878 (0.272)	1.001 (0.500)	-0.101	0.510

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
1.935 (0.262)	0.975 (0.509)	0.170	3.130

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WN-2 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.021	0.21	0.21
-0.50 (1.414)	0.054	0.53	0.74
-0.25 (1.189)	0.069	0.68	1.41
0.00 (1.000)	0.194	1.90	3.31
0.25 (0.841)	0.447	4.38	7.70
0.50 (0.707)	0.448	4.39	12.09
0.75 (0.595)	0.625	6.13	18.22
1.00 (0.500)	0.930	9.12	27.34
1.25 (0.420)	0.554	5.43	32.77
1.50 (0.354)	0.940	9.22	41.98
1.75 (0.297)	0.608	5.96	47.95
2.00 (0.250)	1.227	12.03	59.98
2.25 (0.210)	1.071	10.50	70.48
2.50 (0.177)	0.696	6.82	77.30
2.75 (0.149)	0.733	7.19	84.49
3.00 (0.125)	0.811	7.95	92.44
3.25 (0.105)	0.393	3.85	96.29
3.50 (0.088)	0.117	1.15	97.44
3.75 (0.074)	0.062	0.61	98.05
4.00 (0.063)	0.043	0.42	98.47
4.25 (0.053)	0.030	0.29	98.76
4.50 (0.044)	0.126	1.24	100.00

TOTAL WEIGHT OF SAMPLE IS 10.199 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.728 (0.302)	0.984 (0.506)	-0.099	0.850

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.696 (0.309)	1.037 (0.487)	-0.093	0.481

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
1.706 (0.306)	0.982 (0.506)	0.037	2.684

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WN-2 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.155	0.94	0.94
-0.25 (1.189)	0.264	1.60	2.55
0.00 (1.000)	0.584	3.55	6.09
0.25 (0.841)	0.972	5.91	12.00
0.50 (0.707)	0.821	4.99	16.99
0.75 (0.595)	0.884	5.37	22.36
1.00 (0.500)	1.340	8.14	30.50
1.25 (0.420)	0.815	4.95	35.45
1.50 (0.354)	1.492	9.06	44.51
1.75 (0.297)	1.049	6.37	50.89
2.00 (0.250)	2.029	12.33	63.21
2.25 (0.210)	1.475	8.96	72.17
2.50 (0.177)	0.921	5.60	77.77
2.75 (0.149)	0.973	5.91	83.68
3.00 (0.125)	0.762	4.63	88.31
3.25 (0.105)	0.665	4.04	92.35
3.50 (0.088)	0.230	1.40	93.75
3.75 (0.074)	0.210	1.28	95.02
4.00 (0.063)	0.137	0.83	95.86
4.25 (0.053)	0.124	0.75	96.61
4.50 (0.044)	0.115	0.70	97.31
4.75 (0.037)	0.443	2.69	100.00

TOTAL WEIGHT OF SAMPLE IS 16.46 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.644 (0.320)	1.158 (0.448)	-0.015	1.014

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.609 (0.328)	1.158 (0.448)	-0.092	0.650

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
1.679 (0.312)	1.144 (0.453)	0.370	2.931

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WN-2 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.092	0.66	0.66
-0.25 (1.189)	0.097	0.69	1.35
0.00 (1.000)	0.135	0.96	2.31
0.25 (0.841)	0.269	1.92	4.23
0.50 (0.707)	0.226	1.61	5.85
0.75 (0.595)	0.363	2.59	8.44
1.00 (0.500)	0.998	7.12	15.56
1.25 (0.420)	0.965	6.89	22.45
1.50 (0.354)	1.416	10.11	32.56
1.75 (0.297)	0.961	6.86	39.41
2.00 (0.250)	1.313	9.37	48.79
2.25 (0.210)	0.927	6.62	55.40
2.50 (0.177)	0.621	4.43	59.84
2.75 (0.149)	0.681	4.86	64.70
3.00 (0.125)	0.783	5.59	70.29
3.25 (0.105)	0.641	4.58	74.86
3.50 (0.088)	0.421	3.00	77.87
3.75 (0.074)	0.429	3.06	80.93
4.00 (0.063)	0.277	1.98	82.91
4.25 (0.053)	0.319	2.28	85.18
4.50 (0.044)	0.261	1.86	87.04
4.75 (0.037)	1.815	12.96	100.00

TOTAL WEIGHT OF SAMPLE IS 14.01 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.394 (0.190)	1.425 (0.372)	0.277	0.901

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.568 (0.169)	1.552 (0.341)	0.336	0.380

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY FINE SKEWED; VERY PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.323 (0.200)	1.346 (0.394)	0.301	2.176

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

PREPARED BY BL ON 01/23/2006