

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

SAMPLE: WN-1 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.140	0.73	0.73
0.25 (0.841)	0.176	0.91	1.64
0.50 (0.707)	0.258	1.34	2.97
0.75 (0.595)	0.463	2.40	5.37
1.00 (0.500)	1.232	6.38	11.76
1.25 (0.420)	1.091	5.65	17.41
1.50 (0.354)	2.327	12.06	29.46
1.75 (0.297)	1.920	9.95	39.41
2.00 (0.250)	4.549	23.57	62.98
2.25 (0.210)	3.361	17.41	80.39
2.50 (0.177)	1.517	7.86	88.25
2.75 (0.149)	1.142	5.92	94.17
3.00 (0.125)	0.780	4.04	98.21
3.25 (0.105)	0.265	1.37	99.59
3.50 (0.088)	0.057	0.30	99.88
3.75 (0.074)	0.012	0.06	99.94
4.00 (0.063)	0.009	0.05	99.99
4.25 (0.053)	0.002	0.01	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 19.301 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.805 (0.286)	0.611 (0.655)	-0.124	1.120

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.776 (0.292)	0.589 (0.665)	-0.146	0.776

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
1.795 (0.288)	0.622 (0.650)	-0.360	3.370

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: WN-1 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.151	0.88	0.88
0.25 (0.841)	0.159	0.92	1.80
0.50 (0.707)	0.181	1.05	2.85
0.75 (0.595)	0.327	1.90	4.75
1.00 (0.500)	0.822	4.77	9.52
1.25 (0.420)	0.811	4.71	14.23
1.50 (0.354)	1.750	10.16	24.39
1.75 (0.297)	1.561	9.06	33.46
2.00 (0.250)	4.057	23.56	57.01
2.25 (0.210)	3.262	18.94	75.95
2.50 (0.177)	1.616	9.38	85.33
2.75 (0.149)	1.246	7.23	92.57
3.00 (0.125)	0.900	5.23	97.79
3.25 (0.105)	0.280	1.63	99.42
3.50 (0.088)	0.056	0.33	99.74
3.75 (0.074)	0.010	0.06	99.80
4.00 (0.063)	0.006	0.03	99.84
4.25 (0.053)	0.015	0.09	99.92
4.50 (0.044)	0.002	0.01	99.94
4.75 (0.037)	0.009	0.05	99.99
5.00 (0.031)	0.000	0.00	99.99
5.25 (0.026)	0.002	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 17.223 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.895 (0.269)	0.611 (0.655)	-0.092	1.196

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.879 (0.272)	0.585 (0.666)	-0.080	0.796

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
1.877 (0.272)	0.630 (0.646)	-0.415	3.916

GRANULOMETRIC DESCRIPTION:

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

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: WN-1 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.073	0.53	0.53
0.25 (0.841)	0.133	0.96	1.49
0.50 (0.707)	0.159	1.15	2.64
0.75 (0.595)	0.284	2.05	4.69
1.00 (0.500)	0.661	4.77	9.46
1.25 (0.420)	0.593	4.28	13.74
1.50 (0.354)	1.267	9.15	22.89
1.75 (0.297)	1.163	8.40	31.28
2.00 (0.250)	3.001	21.67	52.95
2.25 (0.210)	2.668	19.26	72.21
2.50 (0.177)	1.374	9.92	82.13
2.75 (0.149)	1.217	8.79	90.92
3.00 (0.125)	0.954	6.89	97.81
3.25 (0.105)	0.222	1.60	99.41
3.50 (0.088)	0.035	0.25	99.66
3.75 (0.074)	0.012	0.09	99.75
4.00 (0.063)	0.009	0.06	99.81
4.25 (0.053)	0.006	0.04	99.86
4.50 (0.044)	0.002	0.01	99.87
4.75 (0.037)	0.008	0.06	99.93
5.00 (0.031)	0.006	0.04	99.97
5.25 (0.026)	0.004	0.03	100.00

TOTAL WEIGHT OF SAMPLE IS 13.851 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.944 (0.260)	0.633 (0.645)	-0.090	1.154

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.932 (0.262)	0.621 (0.650)	-0.054	0.717

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
1.923 (0.264)	0.642 (0.641)	-0.371	3.862

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: WN-1 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.011	0.06	0.06
0.25 (0.841)	0.040	0.20	0.26
0.50 (0.707)	0.065	0.33	0.58
0.75 (0.595)	0.175	0.88	1.46
1.00 (0.500)	0.539	2.71	4.17
1.25 (0.420)	0.561	2.82	6.98
1.50 (0.354)	1.266	6.36	13.34
1.75 (0.297)	1.233	6.19	19.53
2.00 (0.250)	3.862	19.39	38.91
2.25 (0.210)	3.880	19.48	58.39
2.50 (0.177)	2.504	12.57	70.96
2.75 (0.149)	2.402	12.06	83.02
3.00 (0.125)	2.256	11.32	94.34
3.25 (0.105)	0.853	4.28	98.62
3.50 (0.088)	0.126	0.63	99.26
3.75 (0.074)	0.070	0.35	99.61
4.00 (0.063)	0.025	0.13	99.73
4.25 (0.053)	0.015	0.08	99.81
4.50 (0.044)	0.003	0.02	99.82
4.75 (0.037)	0.012	0.06	99.88
5.00 (0.031)	0.012	0.06	99.94
5.25 (0.026)	0.011	0.06	100.00

TOTAL WEIGHT OF SAMPLE IS 19.921 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.174 (0.222)	0.589 (0.665)	-0.003	1.055

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.190 (0.219)	0.582 (0.668)	0.081	0.687

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
2.153 (0.225)	0.597 (0.661)	-0.165	3.872

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: WN-1 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.024	0.15	0.15
0.25 (0.841)	0.058	0.36	0.50
0.50 (0.707)	0.070	0.43	0.93
0.75 (0.595)	0.139	0.85	1.78
1.00 (0.500)	0.347	2.12	3.91
1.25 (0.420)	0.376	2.30	6.21
1.50 (0.354)	0.814	4.98	11.19
1.75 (0.297)	0.751	4.60	15.79
2.00 (0.250)	2.534	15.51	31.30
2.25 (0.210)	2.832	17.34	48.64
2.50 (0.177)	2.108	12.91	61.55
2.75 (0.149)	2.202	13.48	75.03
3.00 (0.125)	2.548	15.60	90.63
3.25 (0.105)	1.172	7.18	97.81
3.50 (0.088)	0.197	1.21	99.01
3.75 (0.074)	0.110	0.67	99.69
4.00 (0.063)	0.034	0.21	99.90
4.25 (0.053)	0.008	0.05	99.94
4.50 (0.044)	0.000	0.00	99.94
4.75 (0.037)	0.006	0.04	99.98
5.00 (0.031)	0.003	0.02	100.00
5.25 (0.026)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 16.333 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.308 (0.202)	0.593 (0.663)	-0.028	0.979

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.324 (0.200)	0.570 (0.674)	0.083	0.783

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
2.265 (0.208)	0.622 (0.650)	-0.535	3.632

GRANULOMETRIC DESCRIPTION:

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

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