

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

SAMPLE: WN-18 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.629	3.87	3.87
-0.25 (1.189)	0.772	4.75	8.62
0.00 (1.000)	1.091	6.71	15.33
0.25 (0.841)	1.624	9.99	25.32
0.50 (0.707)	1.306	8.03	33.36
0.75 (0.595)	1.461	8.99	42.35
1.00 (0.500)	2.272	13.98	56.32
1.25 (0.420)	1.368	8.42	64.74
1.50 (0.354)	2.416	14.86	79.61
1.75 (0.297)	1.224	7.53	87.14
2.00 (0.250)	1.436	8.83	95.97
2.25 (0.210)	0.427	2.63	98.60
2.50 (0.177)	0.112	0.69	99.29
2.75 (0.149)	0.058	0.36	99.64
3.00 (0.125)	0.042	0.26	99.90
3.25 (0.105)	0.013	0.08	99.98
3.50 (0.088)	0.002	0.01	99.99
3.75 (0.074)	0.001	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

TOTAL WEIGHT OF SAMPLE IS 16.254 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.850 (0.555)	0.773 (0.585)	-0.084	0.838

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.831 (0.562)	0.815 (0.569)	-0.068	0.481

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
0.850 (0.555)	0.752 (0.594)	-0.082	2.294

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WN-18 2.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.681	3.51	3.51
-0.25 (1.189)	0.630	3.24	6.75
0.00 (1.000)	1.071	5.51	12.27
0.25 (0.841)	1.520	7.83	20.09
0.50 (0.707)	1.218	6.27	26.36
0.75 (0.595)	1.435	7.39	33.75
1.00 (0.500)	2.296	11.82	45.58
1.25 (0.420)	1.498	7.71	53.29
1.50 (0.354)	3.134	16.14	69.43
1.75 (0.297)	1.826	9.40	78.83
2.00 (0.250)	2.610	13.44	92.27
2.25 (0.210)	0.896	4.61	96.88
2.50 (0.177)	0.260	1.34	98.22
2.75 (0.149)	0.145	0.75	98.97
3.00 (0.125)	0.120	0.62	99.59
3.25 (0.105)	0.048	0.25	99.84
3.50 (0.088)	0.014	0.07	99.91
3.75 (0.074)	0.010	0.05	99.96
4.00 (0.063)	0.004	0.02	99.98
4.25 (0.053)	0.002	0.01	99.99
4.50 (0.044)	0.002	0.01	100.00
4.75 (0.037)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 19.42 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.036 (0.488)	0.815 (0.568)	-0.196	0.863

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.983 (0.506)	0.863 (0.550)	-0.186	0.467

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
1.036 (0.488)	0.794 (0.577)	-0.208	2.510

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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

SAMPLE: WN-18 4.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.183	0.67	0.67
-0.50 (1.414)	0.971	3.57	4.24
-0.25 (1.189)	1.407	5.17	9.41
0.00 (1.000)	2.160	7.94	17.35
0.25 (0.841)	2.561	9.41	26.76
0.50 (0.707)	1.677	6.16	32.92
0.75 (0.595)	1.622	5.96	38.88
1.00 (0.500)	1.979	7.27	46.15
1.25 (0.420)	1.508	5.54	51.69
1.50 (0.354)	2.688	9.88	61.56
1.75 (0.297)	1.840	6.76	68.32
2.00 (0.250)	2.798	10.28	78.61
2.25 (0.210)	1.320	4.85	83.46
2.50 (0.177)	0.544	2.00	85.45
2.75 (0.149)	0.297	1.09	86.55
3.00 (0.125)	1.789	6.57	93.12
3.25 (0.105)	1.758	6.46	99.58
3.50 (0.088)	0.031	0.11	99.69
3.75 (0.074)	0.021	0.08	99.77
4.00 (0.063)	0.015	0.06	99.82
4.25 (0.053)	0.015	0.06	99.88
4.50 (0.044)	0.033	0.12	100.00

TOTAL WEIGHT OF SAMPLE IS 27.217 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.150 (0.451)	1.126 (0.458)	0.022	0.848

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.138 (0.454)	1.180 (0.441)	-0.030	0.498

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
1.165 (0.446)	1.096 (0.468)	0.221	2.128

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: WN-18 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.157	0.71	0.71
-0.25 (1.189)	0.107	0.48	1.19
0.00 (1.000)	0.342	1.54	2.74
0.25 (0.841)	0.437	1.97	4.71
0.50 (0.707)	0.335	1.51	6.22
0.75 (0.595)	0.381	1.72	7.95
1.00 (0.500)	0.669	3.02	10.97
1.25 (0.420)	0.515	2.33	13.29
1.50 (0.354)	1.465	6.62	19.91
1.75 (0.297)	1.420	6.41	26.33
2.00 (0.250)	4.113	18.58	44.91
2.25 (0.210)	3.714	16.78	61.68
2.50 (0.177)	2.166	9.78	71.47
2.75 (0.149)	1.984	8.96	80.43
3.00 (0.125)	2.272	10.26	90.69
3.25 (0.105)	1.198	5.41	96.11
3.50 (0.088)	0.263	1.19	97.29
3.75 (0.074)	0.170	0.77	98.06
4.00 (0.063)	0.090	0.41	98.47
4.25 (0.053)	0.082	0.37	98.84
4.50 (0.044)	0.059	0.27	99.11
4.75 (0.037)	0.198	0.89	100.00

TOTAL WEIGHT OF SAMPLE IS 22.137 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.088 (0.235)	0.811 (0.570)	-0.100	1.321

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.095 (0.234)	0.742 (0.598)	0.025	0.954

GRANULOMETRIC DESCRIPTION:

FINE 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
2.047 (0.242)	0.853 (0.553)	-0.428	4.194

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: WN-18 8.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.465	2.41	2.41
-0.25 (1.189)	0.562	2.91	5.32
0.00 (1.000)	0.817	4.23	9.55
0.25 (0.841)	0.980	5.07	14.62
0.50 (0.707)	0.766	3.97	18.59
0.75 (0.595)	0.853	4.42	23.00
1.00 (0.500)	1.487	7.70	30.70
1.25 (0.420)	1.195	6.19	36.89
1.50 (0.354)	2.766	14.32	51.21
1.75 (0.297)	2.195	11.36	62.58
2.00 (0.250)	4.034	20.89	83.46
2.25 (0.210)	1.759	9.11	92.57
2.50 (0.177)	0.613	3.17	95.74
2.75 (0.149)	0.333	1.72	97.47
3.00 (0.125)	0.259	1.34	98.81
3.25 (0.105)	0.111	0.57	99.38
3.50 (0.088)	0.035	0.18	99.57
3.75 (0.074)	0.026	0.13	99.70
4.00 (0.063)	0.010	0.05	99.75
4.25 (0.053)	0.016	0.08	99.83
4.50 (0.044)	0.013	0.07	99.90
4.75 (0.037)	0.019	0.10	100.00

TOTAL WEIGHT OF SAMPLE IS 19.314 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.277 (0.413)	0.831 (0.562)	-0.327	1.028

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.176 (0.443)	0.839 (0.559)	-0.361	0.620

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
1.322 (0.400)	0.838 (0.560)	-0.397	3.102

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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