

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

SAMPLE: WN-13 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.471	2.36	2.36
0.25 (0.841)	0.266	1.33	3.69
0.50 (0.707)	0.283	1.42	5.11
0.75 (0.595)	0.405	2.03	7.14
1.00 (0.500)	0.920	4.61	11.75
1.25 (0.420)	0.957	4.79	16.54
1.50 (0.354)	2.340	11.72	28.27
1.75 (0.297)	1.846	9.25	37.52
2.00 (0.250)	4.203	21.06	58.57
2.25 (0.210)	3.230	16.18	74.75
2.50 (0.177)	1.516	7.60	82.35
2.75 (0.149)	0.982	4.92	87.27
3.00 (0.125)	0.557	2.79	90.06
3.25 (0.105)	1.938	9.71	99.77
3.50 (0.088)	0.030	0.15	99.92
3.75 (0.074)	0.014	0.07	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
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 19.96 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.901 (0.268)	0.742 (0.598)	-0.032	1.310

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.903 (0.267)	0.681 (0.624)	0.007	0.943

GRANULOMETRIC DESCRIPTION:

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

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.862 (0.275)	0.741 (0.598)	-0.367	3.271

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: WN-13 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.222	0.97	0.97
0.25 (0.841)	0.085	0.37	1.33
0.50 (0.707)	0.115	0.50	1.83
0.75 (0.595)	0.192	0.83	2.67
1.00 (0.500)	0.440	1.91	4.58
1.25 (0.420)	0.464	2.02	6.60
1.50 (0.354)	1.233	5.36	11.96
1.75 (0.297)	1.243	5.40	17.37
2.00 (0.250)	4.177	18.16	35.53
2.25 (0.210)	4.897	21.29	56.82
2.50 (0.177)	3.104	13.50	70.31
2.75 (0.149)	2.305	10.02	80.33
3.00 (0.125)	1.774	7.71	88.05
3.25 (0.105)	2.479	10.78	98.83
3.50 (0.088)	0.154	0.67	99.50
3.75 (0.074)	0.061	0.27	99.76
4.00 (0.063)	0.023	0.10	99.86
4.25 (0.053)	0.007	0.03	99.89
4.50 (0.044)	0.010	0.04	99.93
4.75 (0.037)	0.008	0.03	99.97
5.00 (0.031)	0.002	0.01	99.98
5.25 (0.026)	0.005	0.02	100.00

TOTAL WEIGHT OF SAMPLE IS 23 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.242 (0.211)	0.615 (0.653)	0.061	1.135

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.278 (0.206)	0.591 (0.664)	0.183	0.785

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
2.185 (0.220)	0.642 (0.641)	-0.589	4.381

GRANULOMETRIC DESCRIPTION:

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

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

SAMPLE: WN-13 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.294	1.53	1.53
0.25 (0.841)	0.226	1.18	2.71
0.50 (0.707)	0.257	1.34	4.06
0.75 (0.595)	0.315	1.64	5.70
1.00 (0.500)	0.608	3.17	8.87
1.25 (0.420)	0.477	2.49	11.36
1.50 (0.354)	1.051	5.49	16.85
1.75 (0.297)	0.993	5.18	22.03
2.00 (0.250)	2.624	13.70	35.73
2.25 (0.210)	3.470	18.11	53.84
2.50 (0.177)	2.555	13.34	67.18
2.75 (0.149)	2.210	11.54	78.72
3.00 (0.125)	1.868	9.75	88.47
3.25 (0.105)	0.727	3.79	92.26
3.50 (0.088)	0.354	1.85	94.11
3.75 (0.074)	0.201	1.05	95.16
4.00 (0.063)	0.143	0.75	95.91
4.25 (0.053)	0.145	0.76	96.66
4.50 (0.044)	0.131	0.68	97.35
4.75 (0.037)	0.151	0.79	98.14
5.00 (0.031)	0.068	0.35	98.49
5.25 (0.026)	0.289	1.51	100.00

TOTAL WEIGHT OF SAMPLE IS 19.157 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.181 (0.220)	0.821 (0.566)	-0.023	1.453

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.173 (0.222)	0.712 (0.610)	-0.033	1.154

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.212 (0.216)	0.897 (0.537)	0.310	4.751

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: WN-13 5.3'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.845	3.87	3.87
0.25 (0.841)	1.395	6.39	10.27
0.50 (0.707)	1.578	7.23	17.50
0.75 (0.595)	1.629	7.47	24.97
1.00 (0.500)	2.215	10.15	35.12
1.25 (0.420)	1.316	6.03	41.15
1.50 (0.354)	1.979	9.07	50.22
1.75 (0.297)	1.210	5.55	55.77
2.00 (0.250)	2.445	11.21	66.98
2.25 (0.210)	2.341	10.73	77.71
2.50 (0.177)	1.507	6.91	84.62
2.75 (0.149)	1.293	5.93	90.54
3.00 (0.125)	1.024	4.69	95.24
3.25 (0.105)	0.399	1.83	97.07
3.50 (0.088)	0.192	0.88	97.95
3.75 (0.074)	0.103	0.47	98.42
4.00 (0.063)	0.064	0.29	98.71
4.25 (0.053)	0.050	0.23	98.94
4.50 (0.044)	0.040	0.18	99.12
4.75 (0.037)	0.057	0.26	99.39
5.00 (0.031)	0.027	0.12	99.51
5.25 (0.026)	0.107	0.49	100.00

TOTAL WEIGHT OF SAMPLE IS 21.816 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.473 (0.360)	0.953 (0.516)	-0.008	0.840

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.463 (0.363)	1.015 (0.495)	-0.030	0.450

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
1.517 (0.349)	0.974 (0.509)	0.421	3.207

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WN-13 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.911	3.72	3.72
0.25 (0.841)	0.869	3.55	7.27
0.50 (0.707)	0.801	3.27	10.54
0.75 (0.595)	0.992	4.05	14.59
1.00 (0.500)	1.643	6.71	21.30
1.25 (0.420)	1.256	5.13	26.43
1.50 (0.354)	2.435	9.95	36.38
1.75 (0.297)	1.609	6.57	42.95
2.00 (0.250)	3.496	14.28	57.23
2.25 (0.210)	3.300	13.48	70.71
2.50 (0.177)	2.240	9.15	79.86
2.75 (0.149)	2.043	8.34	88.20
3.00 (0.125)	1.771	7.23	95.44
3.25 (0.105)	0.617	2.52	97.96
3.50 (0.088)	0.239	0.98	98.93
3.75 (0.074)	0.100	0.41	99.34
4.00 (0.063)	0.045	0.18	99.53
4.25 (0.053)	0.035	0.14	99.67
4.50 (0.044)	0.024	0.10	99.77
4.75 (0.037)	0.025	0.10	99.87
5.00 (0.031)	0.020	0.08	99.95
5.25 (0.026)	0.012	0.05	100.00

TOTAL WEIGHT OF SAMPLE IS 24.483 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.767 (0.294)	0.894 (0.538)	-0.204	0.999

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.713 (0.305)	0.911 (0.532)	-0.176	0.589

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
1.751 (0.297)	0.877 (0.544)	-0.237	2.821

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WN-13 10.8'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	1.004	4.01	4.01
0.25 (0.841)	0.439	1.75	5.76
0.50 (0.707)	0.415	1.66	7.42
0.75 (0.595)	0.526	2.10	9.52
1.00 (0.500)	0.971	3.88	13.40
1.25 (0.420)	0.862	3.44	16.84
1.50 (0.354)	1.886	7.53	24.37
1.75 (0.297)	1.438	5.74	30.11
2.00 (0.250)	3.761	15.02	45.13
2.25 (0.210)	4.057	16.20	61.33
2.50 (0.177)	3.004	12.00	73.33
2.75 (0.149)	2.763	11.03	84.36
3.00 (0.125)	2.527	10.09	94.45
3.25 (0.105)	0.808	3.23	97.68
3.50 (0.088)	0.277	1.11	98.79
3.75 (0.074)	0.107	0.43	99.21
4.00 (0.063)	0.047	0.19	99.40
4.25 (0.053)	0.044	0.18	99.58
4.50 (0.044)	0.024	0.10	99.67
4.75 (0.037)	0.029	0.12	99.79
5.00 (0.031)	0.026	0.10	99.89
5.25 (0.026)	0.027	0.11	100.00

TOTAL WEIGHT OF SAMPLE IS 25.042 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.002 (0.250)	0.828 (0.563)	-0.237	1.177

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.965 (0.256)	0.776 (0.584)	-0.141	0.868

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
1.965 (0.256)	0.837 (0.560)	-0.576	3.643

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WN-13 12.8'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.163	0.82	0.82
0.25 (0.841)	0.250	1.25	2.07
0.50 (0.707)	0.307	1.54	3.61
0.75 (0.595)	0.354	1.77	5.38
1.00 (0.500)	0.710	3.56	8.93
1.25 (0.420)	0.516	2.58	11.52
1.50 (0.354)	0.911	4.56	16.08
1.75 (0.297)	0.711	3.56	19.64
2.00 (0.250)	1.705	8.54	28.18
2.25 (0.210)	2.077	10.40	38.58
2.50 (0.177)	1.859	9.31	47.89
2.75 (0.149)	2.357	11.80	59.70
3.00 (0.125)	3.325	16.65	76.35
3.25 (0.105)	1.865	9.34	85.69
3.50 (0.088)	0.873	4.37	90.06
3.75 (0.074)	0.360	1.80	91.86
4.00 (0.063)	0.197	0.99	92.85
4.25 (0.053)	0.169	0.85	93.69
4.50 (0.044)	0.140	0.70	94.40
4.75 (0.037)	0.158	0.79	95.19
5.00 (0.031)	0.062	0.31	95.50
5.25 (0.026)	0.899	4.50	100.00

TOTAL WEIGHT OF SAMPLE IS 19.968 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.415 (0.188)	1.033 (0.489)	-0.076	1.526

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; VERY LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.350 (0.196)	0.855 (0.553)	-0.228	1.337

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.480 (0.179)	1.040 (0.486)	0.246	3.787

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: WN-13 16.7'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	1.147	3.53	3.53
0.25 (0.841)	1.047	3.22	6.76
0.50 (0.707)	0.974	3.00	9.76
0.75 (0.595)	1.238	3.81	13.57
1.00 (0.500)	1.950	6.01	19.58
1.25 (0.420)	1.314	4.05	23.62
1.50 (0.354)	2.328	7.17	30.80
1.75 (0.297)	2.003	6.17	36.96
2.00 (0.250)	4.254	13.10	50.07
2.25 (0.210)	4.114	12.67	62.74
2.50 (0.177)	3.039	9.36	72.10
2.75 (0.149)	3.039	9.36	81.46
3.00 (0.125)	2.956	9.10	90.57
3.25 (0.105)	1.173	3.61	94.18
3.50 (0.088)	0.614	1.89	96.07
3.75 (0.074)	0.295	0.91	96.98
4.00 (0.063)	0.161	0.50	97.47
4.25 (0.053)	0.124	0.38	97.86
4.50 (0.044)	0.112	0.34	98.20
4.75 (0.037)	0.139	0.43	98.63
5.00 (0.031)	0.050	0.15	98.78
5.25 (0.026)	0.395	1.22	100.00

TOTAL WEIGHT OF SAMPLE IS 32.466 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.890 (0.270)	0.984 (0.506)	-0.164	1.039

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.835 (0.280)	0.984 (0.505)	-0.166	0.648

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
1.926 (0.263)	1.003 (0.499)	0.140	3.535

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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