

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

SAMPLE: WN-5 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.368	2.05	2.05
0.25 (0.841)	0.505	2.81	4.87
0.50 (0.707)	0.936	5.22	10.08
0.75 (0.595)	1.801	10.04	20.12
1.00 (0.500)	2.960	16.50	36.61
1.25 (0.420)	1.784	9.94	46.56
1.50 (0.354)	2.825	15.74	62.30
1.75 (0.297)	1.690	9.42	71.72
2.00 (0.250)	2.773	15.45	87.17
2.25 (0.210)	1.318	7.35	94.52
2.50 (0.177)	0.451	2.51	97.03
2.75 (0.149)	0.278	1.55	98.58
3.00 (0.125)	0.168	0.94	99.52
3.25 (0.105)	0.069	0.38	99.90
3.50 (0.088)	0.015	0.08	99.98
3.75 (0.074)	0.000	0.00	99.98
4.00 (0.063)	0.000	0.00	99.98
4.25 (0.053)	0.002	0.01	99.99
4.50 (0.044)	0.001	0.01	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 17.944 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.300 (0.406)	0.635 (0.644)	-0.018	0.855

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.298 (0.407)	0.651 (0.637)	-0.010	0.569

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
1.298 (0.407)	0.643 (0.641)	0.096	2.722

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-5 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.250	1.58	1.58
0.25 (0.841)	0.419	2.65	4.24
0.50 (0.707)	0.628	3.98	8.21
0.75 (0.595)	1.345	8.52	16.73
1.00 (0.500)	2.342	14.83	31.56
1.25 (0.420)	1.409	8.92	40.48
1.50 (0.354)	2.419	15.32	55.80
1.75 (0.297)	1.497	9.48	65.28
2.00 (0.250)	2.702	17.11	82.39
2.25 (0.210)	1.411	8.93	91.32
2.50 (0.177)	0.548	3.47	94.79
2.75 (0.149)	0.375	2.37	97.17
3.00 (0.125)	0.268	1.70	98.87
3.25 (0.105)	0.117	0.74	99.61
3.50 (0.088)	0.031	0.20	99.80
3.75 (0.074)	0.011	0.07	99.87
4.00 (0.063)	0.005	0.03	99.91
4.25 (0.053)	0.007	0.04	99.95
4.50 (0.044)	0.003	0.02	99.97
4.75 (0.037)	0.002	0.01	99.98
5.00 (0.031)	0.001	0.01	99.99
5.25 (0.026)	0.002	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 15.792 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.393 (0.381)	0.666 (0.630)	-0.012	0.909

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.387 (0.382)	0.658 (0.634)	-0.028	0.689

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
1.406 (0.377)	0.679 (0.625)	0.164	3.070

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: WN-5 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.275	1.62	1.62
0.25 (0.841)	0.405	2.38	4.00
0.50 (0.707)	0.734	4.32	8.32
0.75 (0.595)	1.450	8.53	16.85
1.00 (0.500)	2.682	15.78	32.63
1.25 (0.420)	1.575	9.27	41.89
1.50 (0.354)	2.566	15.10	56.99
1.75 (0.297)	1.712	10.07	67.06
2.00 (0.250)	2.777	16.34	83.39
2.25 (0.210)	1.389	8.17	91.56
2.50 (0.177)	0.564	3.32	94.88
2.75 (0.149)	0.396	2.33	97.21
3.00 (0.125)	0.298	1.75	98.96
3.25 (0.105)	0.127	0.75	99.71
3.50 (0.088)	0.032	0.19	99.90
3.75 (0.074)	0.006	0.04	99.94
4.00 (0.063)	0.000	0.00	99.94
4.25 (0.053)	0.000	0.00	99.94
4.50 (0.044)	0.001	0.01	99.94
4.75 (0.037)	0.000	0.00	99.94
5.00 (0.031)	0.000	0.00	99.94
5.25 (0.026)	0.010	0.06	100.00

TOTAL WEIGHT OF SAMPLE IS 16.999 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.376 (0.385)	0.657 (0.634)	0.002	0.911

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.372 (0.386)	0.647 (0.639)	-0.019	0.705

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
1.389 (0.382)	0.673 (0.627)	0.217	3.227

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-5 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.526	2.25	2.25
0.25 (0.841)	0.517	2.21	4.46
0.50 (0.707)	1.148	4.91	9.38
0.75 (0.595)	2.050	8.77	18.15
1.00 (0.500)	3.223	13.79	31.94
1.25 (0.420)	2.071	8.86	40.80
1.50 (0.354)	3.280	14.04	54.84
1.75 (0.297)	2.125	9.09	63.93
2.00 (0.250)	3.844	16.45	80.38
2.25 (0.210)	2.103	9.00	89.38
2.50 (0.177)	0.849	3.63	93.01
2.75 (0.149)	0.660	2.82	95.83
3.00 (0.125)	0.526	2.25	98.08
3.25 (0.105)	0.307	1.31	99.40
3.50 (0.088)	0.083	0.36	99.75
3.75 (0.074)	0.023	0.10	99.85
4.00 (0.063)	0.010	0.04	99.89
4.25 (0.053)	0.010	0.04	99.94
4.50 (0.044)	0.006	0.03	99.96
4.75 (0.037)	0.005	0.02	99.98
5.00 (0.031)	0.004	0.02	100.00
5.25 (0.026)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 23.37 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.401 (0.379)	0.716 (0.609)	0.013	0.942

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.395 (0.380)	0.706 (0.613)	-0.027	0.699

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
1.422 (0.373)	0.722 (0.606)	0.204	2.964

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WN-5 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.551	3.32	3.32
0.25 (0.841)	0.357	2.15	5.47
0.50 (0.707)	0.457	2.75	8.23
0.75 (0.595)	0.882	5.32	13.54
1.00 (0.500)	1.569	9.46	23.00
1.25 (0.420)	0.996	6.00	29.01
1.50 (0.354)	1.666	10.04	39.05
1.75 (0.297)	1.251	7.54	46.59
2.00 (0.250)	2.675	16.12	62.71
2.25 (0.210)	2.240	13.50	76.21
2.50 (0.177)	1.226	7.39	83.60
2.75 (0.149)	1.108	6.68	90.28
3.00 (0.125)	0.937	5.65	95.93
3.25 (0.105)	0.446	2.69	98.62
3.50 (0.088)	0.152	0.92	99.54
3.75 (0.074)	0.043	0.26	99.80
4.00 (0.063)	0.015	0.09	99.89
4.25 (0.053)	0.013	0.08	99.96
4.50 (0.044)	0.003	0.02	99.98
4.75 (0.037)	0.003	0.02	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 16.59 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.711 (0.305)	0.844 (0.557)	-0.163	0.990

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.665 (0.315)	0.850 (0.555)	-0.162	0.626

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
1.688 (0.310)	0.818 (0.567)	-0.209	2.610

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WN-5 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.081	0.48	0.48
0.25 (0.841)	0.084	0.50	0.99
0.50 (0.707)	0.190	1.14	2.12
0.75 (0.595)	0.450	2.69	4.82
1.00 (0.500)	1.034	6.19	11.00
1.25 (0.420)	0.737	4.41	15.41
1.50 (0.354)	1.385	8.29	23.70
1.75 (0.297)	1.097	6.56	30.26
2.00 (0.250)	2.681	16.04	46.31
2.25 (0.210)	2.468	14.77	61.07
2.50 (0.177)	1.600	9.57	70.65
2.75 (0.149)	1.655	9.90	80.55
3.00 (0.125)	1.759	10.52	91.07
3.25 (0.105)	0.940	5.62	96.70
3.50 (0.088)	0.342	2.05	98.74
3.75 (0.074)	0.083	0.50	99.24
4.00 (0.063)	0.037	0.22	99.46
4.25 (0.053)	0.026	0.16	99.62
4.50 (0.044)	0.019	0.11	99.73
4.75 (0.037)	0.019	0.11	99.84
5.00 (0.031)	0.010	0.06	99.90
5.25 (0.026)	0.016	0.10	100.00

TOTAL WEIGHT OF SAMPLE IS 16.713 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.054 (0.241)	0.757 (0.592)	-0.048	0.934

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.050 (0.242)	0.782 (0.582)	-0.016	0.545

GRANULOMETRIC DESCRIPTION:

FINE 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
2.046 (0.242)	0.759 (0.591)	-0.128	3.125

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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