

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

SAMPLE: WN-23 0'

| PHI (MM) | WEIGHT (G) | WEIGHT % | CUMULATIVE WEIGHT % |
|--------------|------------|----------|---------------------|
| 0.00 (1.000) | 0.358 | 2.24 | 2.24 |
| 0.25 (0.841) | 0.278 | 1.74 | 3.99 |
| 0.50 (0.707) | 0.376 | 2.36 | 6.35 |
| 0.75 (0.595) | 0.815 | 5.11 | 11.46 |
| 1.00 (0.500) | 2.077 | 13.02 | 24.48 |
| 1.25 (0.420) | 1.657 | 10.39 | 34.87 |
| 1.50 (0.354) | 3.171 | 19.88 | 54.75 |
| 1.75 (0.297) | 1.840 | 11.54 | 66.29 |
| 2.00 (0.250) | 2.896 | 18.16 | 84.44 |
| 2.25 (0.210) | 1.426 | 8.94 | 93.39 |
| 2.50 (0.177) | 0.521 | 3.27 | 96.65 |
| 2.75 (0.149) | 0.302 | 1.89 | 98.55 |
| 3.00 (0.125) | 0.186 | 1.17 | 99.71 |
| 3.25 (0.105) | 0.046 | 0.29 | 100.00 |
| 3.50 (0.088) | 0.000 | 0.00 | 100.00 |
| 3.75 (0.074) | 0.000 | 0.00 | 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 |
| 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 15.949 (g)

FOLK & WARD (1957) METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.424 (0.373) | 0.595 (0.662) | -0.058 | 0.964 |

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.416 (0.375) | 0.578 (0.670) | -0.043 | 0.743 |

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 |
| 1.432 (0.371) | 0.605 (0.657) | -0.222 | 3.086 |

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WN-23 1.5'

| PHI (MM) | WEIGHT (G) | WEIGHT % | CUMULATIVE WEIGHT % |
|--------------|------------|----------|---------------------|
| 0.00 (1.000) | 0.379 | 2.47 | 2.47 |
| 0.25 (0.841) | 0.467 | 3.04 | 5.50 |
| 0.50 (0.707) | 0.584 | 3.80 | 9.30 |
| 0.75 (0.595) | 1.017 | 6.61 | 15.92 |
| 1.00 (0.500) | 2.406 | 15.65 | 31.56 |
| 1.25 (0.420) | 1.743 | 11.34 | 42.90 |
| 1.50 (0.354) | 2.978 | 19.37 | 62.27 |
| 1.75 (0.297) | 1.488 | 9.68 | 71.95 |
| 2.00 (0.250) | 2.464 | 16.03 | 87.97 |
| 2.25 (0.210) | 1.083 | 7.04 | 95.02 |
| 2.50 (0.177) | 0.389 | 2.53 | 97.55 |
| 2.75 (0.149) | 0.217 | 1.41 | 98.96 |
| 3.00 (0.125) | 0.130 | 0.85 | 99.80 |
| 3.25 (0.105) | 0.030 | 0.20 | 100.00 |
| 3.50 (0.088) | 0.000 | 0.00 | 100.00 |
| 3.75 (0.074) | 0.000 | 0.00 | 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 |
| 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 15.375 (g)

FOLK & WARD (1957) METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.344 (0.394) | 0.606 (0.657) | -0.053 | 0.927 |

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.345 (0.394) | 0.593 (0.663) | 0.005 | 0.720 |

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 |
| 1.322 (0.400) | 0.616 (0.652) | -0.112 | 2.843 |

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WN-23 3.0'

| PHI (MM) | WEIGHT (G) | WEIGHT % | CUMULATIVE WEIGHT % |
|--------------|------------|----------|---------------------|
| 0.00 (1.000) | 0.134 | 0.96 | 0.96 |
| 0.25 (0.841) | 0.154 | 1.10 | 2.06 |
| 0.50 (0.707) | 0.240 | 1.72 | 3.77 |
| 0.75 (0.595) | 0.564 | 4.03 | 7.81 |
| 1.00 (0.500) | 1.353 | 9.67 | 17.48 |
| 1.25 (0.420) | 1.316 | 9.41 | 26.88 |
| 1.50 (0.354) | 2.488 | 17.78 | 44.67 |
| 1.75 (0.297) | 1.442 | 10.31 | 54.97 |
| 2.00 (0.250) | 2.984 | 21.33 | 76.30 |
| 2.25 (0.210) | 1.712 | 12.24 | 88.54 |
| 2.50 (0.177) | 0.738 | 5.28 | 93.82 |
| 2.75 (0.149) | 0.476 | 3.40 | 97.22 |
| 3.00 (0.125) | 0.295 | 2.11 | 99.33 |
| 3.25 (0.105) | 0.082 | 0.59 | 99.91 |
| 3.50 (0.088) | 0.012 | 0.09 | 100.00 |
| 3.75 (0.074) | 0.000 | 0.00 | 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 |
| 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 13.99 (g)

FOLK & WARD (1957) METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.583 (0.334) | 0.604 (0.658) | -0.082 | 1.050 |

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.560 (0.339) | 0.598 (0.661) | -0.117 | 0.682 |

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 |
| 1.591 (0.332) | 0.605 (0.658) | -0.179 | 3.035 |

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WN-23 4.5'

| PHI (MM) | WEIGHT (G) | WEIGHT % | CUMULATIVE WEIGHT % |
|--------------|------------|----------|---------------------|
| 0.00 (1.000) | 0.213 | 1.42 | 1.42 |
| 0.25 (0.841) | 0.525 | 3.49 | 4.91 |
| 0.50 (0.707) | 0.649 | 4.32 | 9.23 |
| 0.75 (0.595) | 1.018 | 6.77 | 16.00 |
| 1.00 (0.500) | 1.592 | 10.59 | 26.59 |
| 1.25 (0.420) | 1.249 | 8.31 | 34.90 |
| 1.50 (0.354) | 2.236 | 14.87 | 49.77 |
| 1.75 (0.297) | 1.288 | 8.57 | 58.34 |
| 2.00 (0.250) | 3.000 | 19.96 | 78.30 |
| 2.25 (0.210) | 1.738 | 11.56 | 89.86 |
| 2.50 (0.177) | 0.741 | 4.93 | 94.79 |
| 2.75 (0.149) | 0.470 | 3.13 | 97.92 |
| 3.00 (0.125) | 0.256 | 1.70 | 99.62 |
| 3.25 (0.105) | 0.053 | 0.35 | 99.97 |
| 3.50 (0.088) | 0.004 | 0.03 | 100.00 |
| 3.75 (0.074) | 0.000 | 0.00 | 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 |
| 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 15.032 (g)

FOLK & WARD (1957) METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.460 (0.363) | 0.686 (0.622) | -0.104 | 0.930 |

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.437 (0.369) | 0.687 (0.621) | -0.102 | 0.647 |

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 |
| 1.471 (0.361) | 0.677 (0.625) | -0.230 | 2.513 |

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WN-23 6.0'

| PHI (MM) | WEIGHT (G) | WEIGHT % | CUMULATIVE WEIGHT % |
|--------------|------------|----------|---------------------|
| 0.00 (1.000) | 0.153 | 0.73 | 0.73 |
| 0.25 (0.841) | 0.124 | 0.59 | 1.33 |
| 0.50 (0.707) | 0.244 | 1.17 | 2.50 |
| 0.75 (0.595) | 0.617 | 2.96 | 5.45 |
| 1.00 (0.500) | 1.822 | 8.73 | 14.19 |
| 1.25 (0.420) | 1.680 | 8.05 | 22.24 |
| 1.50 (0.354) | 3.517 | 16.85 | 39.09 |
| 1.75 (0.297) | 2.523 | 12.09 | 51.18 |
| 2.00 (0.250) | 4.969 | 23.81 | 74.99 |
| 2.25 (0.210) | 2.690 | 12.89 | 87.89 |
| 2.50 (0.177) | 1.156 | 5.54 | 93.43 |
| 2.75 (0.149) | 0.758 | 3.63 | 97.06 |
| 3.00 (0.125) | 0.476 | 2.28 | 99.34 |
| 3.25 (0.105) | 0.130 | 0.62 | 99.96 |
| 3.50 (0.088) | 0.004 | 0.02 | 99.98 |
| 3.75 (0.074) | 0.004 | 0.02 | 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 |
| 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 20.867 (g)

FOLK & WARD (1957) METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.652 (0.318) | 0.567 (0.675) | -0.133 | 1.096 |

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.616 (0.326) | 0.559 (0.679) | -0.197 | 0.696 |

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 |
| 1.652 (0.318) | 0.573 (0.672) | -0.212 | 3.229 |

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WN-23 7.5'

| PHI (MM) | WEIGHT (G) | WEIGHT % | CUMULATIVE WEIGHT % |
|--------------|------------|----------|---------------------|
| 0.00 (1.000) | 0.169 | 1.00 | 1.00 |
| 0.25 (0.841) | 0.168 | 0.99 | 1.99 |
| 0.50 (0.707) | 0.217 | 1.28 | 3.28 |
| 0.75 (0.595) | 0.471 | 2.78 | 6.06 |
| 1.00 (0.500) | 1.464 | 8.66 | 14.71 |
| 1.25 (0.420) | 1.319 | 7.80 | 22.51 |
| 1.50 (0.354) | 2.899 | 17.14 | 39.65 |
| 1.75 (0.297) | 2.100 | 12.42 | 52.07 |
| 2.00 (0.250) | 3.940 | 23.29 | 75.36 |
| 2.25 (0.210) | 2.132 | 12.60 | 87.96 |
| 2.50 (0.177) | 0.869 | 5.14 | 93.10 |
| 2.75 (0.149) | 0.589 | 3.48 | 96.58 |
| 3.00 (0.125) | 0.431 | 2.55 | 99.13 |
| 3.25 (0.105) | 0.132 | 0.78 | 99.91 |
| 3.50 (0.088) | 0.010 | 0.06 | 99.97 |
| 3.75 (0.074) | 0.005 | 0.03 | 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 |
| 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 16.915 (g)

FOLK & WARD (1957) METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.640 (0.321) | 0.583 (0.668) | -0.122 | 1.144 |

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.606 (0.328) | 0.565 (0.676) | -0.181 | 0.753 |

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 |
| 1.642 (0.320) | 0.591 (0.664) | -0.237 | 3.360 |

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WN-23 9.0'

| PHI (MM) | WEIGHT (G) | WEIGHT % | CUMULATIVE WEIGHT % |
|--------------|------------|----------|---------------------|
| 0.00 (1.000) | 0.205 | 1.30 | 1.30 |
| 0.25 (0.841) | 0.154 | 0.98 | 2.27 |
| 0.50 (0.707) | 0.292 | 1.85 | 4.12 |
| 0.75 (0.595) | 0.572 | 3.62 | 7.75 |
| 1.00 (0.500) | 1.378 | 8.73 | 16.48 |
| 1.25 (0.420) | 1.214 | 7.69 | 24.17 |
| 1.50 (0.354) | 2.682 | 16.99 | 41.16 |
| 1.75 (0.297) | 1.891 | 11.98 | 53.15 |
| 2.00 (0.250) | 3.754 | 23.79 | 76.93 |
| 2.25 (0.210) | 1.974 | 12.51 | 89.44 |
| 2.50 (0.177) | 0.780 | 4.94 | 94.38 |
| 2.75 (0.149) | 0.483 | 3.06 | 97.44 |
| 3.00 (0.125) | 0.301 | 1.91 | 99.35 |
| 3.25 (0.105) | 0.082 | 0.52 | 99.87 |
| 3.50 (0.088) | 0.015 | 0.10 | 99.96 |
| 3.75 (0.074) | 0.006 | 0.04 | 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 |
| 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 15.783 (g)

FOLK & WARD (1957) METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.604 (0.329) | 0.590 (0.664) | -0.169 | 1.137 |

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.564 (0.338) | 0.578 (0.670) | -0.209 | 0.723 |

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 |
| 1.606 (0.329) | 0.597 (0.661) | -0.328 | 3.334 |

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WN-23 10.5'

| PHI (MM) | WEIGHT (G) | WEIGHT % | CUMULATIVE WEIGHT % |
|--------------|------------|----------|---------------------|
| 0.00 (1.000) | 0.089 | 0.51 | 0.51 |
| 0.25 (0.841) | 0.206 | 1.18 | 1.69 |
| 0.50 (0.707) | 0.221 | 1.26 | 2.95 |
| 0.75 (0.595) | 0.380 | 2.17 | 5.13 |
| 1.00 (0.500) | 1.097 | 6.28 | 11.40 |
| 1.25 (0.420) | 1.044 | 5.97 | 17.38 |
| 1.50 (0.354) | 2.233 | 12.78 | 30.16 |
| 1.75 (0.297) | 1.807 | 10.34 | 40.50 |
| 2.00 (0.250) | 3.969 | 22.71 | 63.21 |
| 2.25 (0.210) | 2.766 | 15.83 | 79.04 |
| 2.50 (0.177) | 1.396 | 7.99 | 87.03 |
| 2.75 (0.149) | 1.077 | 6.16 | 93.19 |
| 3.00 (0.125) | 0.831 | 4.76 | 97.95 |
| 3.25 (0.105) | 0.300 | 1.72 | 99.66 |
| 3.50 (0.088) | 0.024 | 0.14 | 99.80 |
| 3.75 (0.074) | 0.019 | 0.11 | 99.91 |
| 4.00 (0.063) | 0.004 | 0.02 | 99.93 |
| 4.25 (0.053) | 0.005 | 0.03 | 99.96 |
| 4.50 (0.044) | 0.000 | 0.00 | 99.96 |
| 4.75 (0.037) | 0.007 | 0.04 | 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 17.475 (g)

FOLK & WARD (1957) METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.817 (0.284) | 0.623 (0.649) | -0.076 | 1.099 |

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 1.799 (0.287) | 0.607 (0.657) | -0.092 | 0.739 |

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 |
| 1.802 (0.287) | 0.632 (0.645) | -0.250 | 3.350 |

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WN-23 12.0'

| PHI (MM) | WEIGHT (G) | WEIGHT % | CUMULATIVE WEIGHT % |
|--------------|------------|----------|---------------------|
| 0.00 (1.000) | 0.053 | 0.37 | 0.37 |
| 0.25 (0.841) | 0.012 | 0.08 | 0.46 |
| 0.50 (0.707) | 0.022 | 0.15 | 0.61 |
| 0.75 (0.595) | 0.080 | 0.56 | 1.17 |
| 1.00 (0.500) | 0.229 | 1.61 | 2.78 |
| 1.25 (0.420) | 0.265 | 1.86 | 4.65 |
| 1.50 (0.354) | 0.684 | 4.81 | 9.45 |
| 1.75 (0.297) | 0.801 | 5.63 | 15.08 |
| 2.00 (0.250) | 2.644 | 18.58 | 33.66 |
| 2.25 (0.210) | 2.947 | 20.71 | 54.37 |
| 2.50 (0.177) | 1.956 | 13.75 | 68.12 |
| 2.75 (0.149) | 1.867 | 13.12 | 81.24 |
| 3.00 (0.125) | 1.760 | 12.37 | 93.61 |
| 3.25 (0.105) | 0.695 | 4.88 | 98.50 |
| 3.50 (0.088) | 0.110 | 0.77 | 99.27 |
| 3.75 (0.074) | 0.059 | 0.41 | 99.68 |
| 4.00 (0.063) | 0.021 | 0.15 | 99.83 |
| 4.25 (0.053) | 0.015 | 0.11 | 99.94 |
| 4.50 (0.044) | 0.005 | 0.04 | 99.97 |
| 4.75 (0.037) | 0.004 | 0.03 | 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 14.229 (g)

FOLK & WARD (1957) METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 2.255 (0.209) | 0.534 (0.691) | 0.068 | 0.988 |

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 2.284 (0.205) | 0.522 (0.697) | 0.166 | 0.728 |

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 |
| 2.218 (0.215) | 0.567 (0.675) | -0.405 | 4.148 |

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WN-23 13.5'

| PHI (MM) | WEIGHT (G) | WEIGHT % | CUMULATIVE WEIGHT % |
|--------------|------------|----------|---------------------|
| 0.00 (1.000) | 0.049 | 0.29 | 0.29 |
| 0.25 (0.841) | 0.108 | 0.63 | 0.92 |
| 0.50 (0.707) | 0.098 | 0.57 | 1.49 |
| 0.75 (0.595) | 0.213 | 1.25 | 2.74 |
| 1.00 (0.500) | 0.409 | 2.39 | 5.13 |
| 1.25 (0.420) | 0.338 | 1.98 | 7.11 |
| 1.50 (0.354) | 0.725 | 4.24 | 11.35 |
| 1.75 (0.297) | 0.675 | 3.95 | 15.30 |
| 2.00 (0.250) | 2.075 | 12.14 | 27.45 |
| 2.25 (0.210) | 2.869 | 16.79 | 44.24 |
| 2.50 (0.177) | 2.327 | 13.62 | 57.86 |
| 2.75 (0.149) | 2.488 | 14.56 | 72.42 |
| 3.00 (0.125) | 2.884 | 16.88 | 89.30 |
| 3.25 (0.105) | 1.397 | 8.18 | 97.47 |
| 3.50 (0.088) | 0.264 | 1.55 | 99.02 |
| 3.75 (0.074) | 0.117 | 0.68 | 99.70 |
| 4.00 (0.063) | 0.022 | 0.13 | 99.83 |
| 4.25 (0.053) | 0.022 | 0.13 | 99.96 |
| 4.50 (0.044) | 0.004 | 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 17.087 (g)

FOLK & WARD (1957) METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 2.347 (0.197) | 0.621 (0.650) | -0.137 | 1.069 |

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

| | | | |
|---------------|-----------------|----------|----------|
| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
| 2.343 (0.197) | 0.579 (0.670) | -0.022 | 0.891 |

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 |
| 2.296 (0.204) | 0.654 (0.636) | -0.797 | 3.974 |

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WN-23 15.0'

| PHI (MM) | WEIGHT (G) | WEIGHT % | CUMULATIVE WEIGHT % |
|--------------|------------|----------|---------------------|
| 0.00 (1.000) | 0.144 | 0.86 | 0.86 |
| 0.25 (0.841) | 0.118 | 0.70 | 1.56 |
| 0.50 (0.707) | 0.093 | 0.56 | 2.12 |
| 0.75 (0.595) | 0.170 | 1.02 | 3.14 |
| 1.00 (0.500) | 0.356 | 2.13 | 5.26 |
| 1.25 (0.420) | 0.364 | 2.17 | 7.44 |
| 1.50 (0.354) | 0.754 | 4.50 | 11.94 |
| 1.75 (0.297) | 0.777 | 4.64 | 16.58 |
| 2.00 (0.250) | 2.091 | 12.49 | 29.07 |
| 2.25 (0.210) | 2.708 | 16.17 | 45.24 |
| 2.50 (0.177) | 2.330 | 13.92 | 59.16 |
| 2.75 (0.149) | 2.461 | 14.70 | 73.85 |
| 3.00 (0.125) | 2.671 | 15.95 | 89.81 |
| 3.25 (0.105) | 1.249 | 7.46 | 97.26 |
| 3.50 (0.088) | 0.260 | 1.55 | 98.82 |
| 3.75 (0.074) | 0.126 | 0.75 | 99.57 |
| 4.00 (0.063) | 0.027 | 0.16 | 99.73 |
| 4.25 (0.053) | 0.033 | 0.20 | 99.93 |
| 4.50 (0.044) | 0.005 | 0.03 | 99.96 |
| 4.75 (0.037) | 0.007 | 0.04 | 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 16.744 (g)

FOLK & WARD (1957) METHOD

| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
|---------------|-----------------|----------|----------|
| 2.321 (0.200) | 0.632 (0.645) | -0.138 | 1.064 |

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

| MEAN PHI (MM) | SORTING PHI(MM) | SKEWNESS | KURTOSIS |
|---------------|-----------------|----------|----------|
| 2.314 (0.201) | 0.595 (0.662) | -0.036 | 0.853 |

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 |
| 2.272 (0.207) | 0.676 (0.626) | -0.842 | 4.310 |

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006