

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

SAMPLE: WN-7 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.084	0.47	0.47
0.25 (0.841)	0.422	2.38	2.86
0.50 (0.707)	0.786	4.44	7.29
0.75 (0.595)	1.484	8.38	15.67
1.00 (0.500)	2.522	14.23	29.90
1.25 (0.420)	1.615	9.11	39.01
1.50 (0.354)	2.507	14.15	53.16
1.75 (0.297)	1.704	9.62	62.78
2.00 (0.250)	3.046	17.19	79.97
2.25 (0.210)	1.756	9.91	89.88
2.50 (0.177)	0.738	4.17	94.05
2.75 (0.149)	0.480	2.71	96.75
3.00 (0.125)	0.325	1.83	98.59
3.25 (0.105)	0.138	0.78	99.37
3.50 (0.088)	0.049	0.28	99.64
3.75 (0.074)	0.022	0.12	99.77
4.00 (0.063)	0.011	0.06	99.83
4.25 (0.053)	0.006	0.03	99.86
4.50 (0.044)	0.005	0.03	99.89
4.75 (0.037)	0.009	0.05	99.94
5.00 (0.031)	0.002	0.01	99.95
5.25 (0.026)	0.008	0.05	100.00

TOTAL WEIGHT OF SAMPLE IS 17.719 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.434 (0.370)	0.672 (0.627)	0.005	0.896

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.429 (0.371)	0.673 (0.627)	-0.023	0.648

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
1.453 (0.365)	0.684 (0.622)	0.306	3.364

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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SAMPLE: WN-7 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.410	2.23	2.23
0.25 (0.841)	1.205	6.54	8.77
0.50 (0.707)	1.714	9.31	18.08
0.75 (0.595)	2.329	12.65	30.72
1.00 (0.500)	3.185	17.29	48.02
1.25 (0.420)	1.614	8.76	56.78
1.50 (0.354)	2.264	12.29	69.08
1.75 (0.297)	1.392	7.56	76.63
2.00 (0.250)	2.076	11.27	87.91
2.25 (0.210)	1.068	5.80	93.71
2.50 (0.177)	0.451	2.45	96.16
2.75 (0.149)	0.284	1.54	97.70
3.00 (0.125)	0.197	1.07	98.77
3.25 (0.105)	0.090	0.49	99.26
3.50 (0.088)	0.048	0.26	99.52
3.75 (0.074)	0.030	0.16	99.68
4.00 (0.063)	0.018	0.10	99.78
4.25 (0.053)	0.013	0.07	99.85
4.50 (0.044)	0.010	0.05	99.90
4.75 (0.037)	0.007	0.04	99.94
5.00 (0.031)	0.000	0.00	99.94
5.25 (0.026)	0.011	0.06	100.00

TOTAL WEIGHT OF SAMPLE IS 18.416 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.138 (0.454)	0.712 (0.610)	0.166	0.881

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.179 (0.442)	0.735 (0.601)	0.166	0.549

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
1.169 (0.445)	0.723 (0.606)	0.647	3.789

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: WN-7 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.041	0.26	0.26
-0.50 (1.414)	0.056	0.35	0.61
-0.25 (1.189)	0.305	1.93	2.55
0.00 (1.000)	0.679	4.30	6.85
0.25 (0.841)	1.295	8.21	15.06
0.50 (0.707)	1.733	10.99	26.05
0.75 (0.595)	2.366	15.00	41.04
1.00 (0.500)	2.866	18.17	59.21
1.25 (0.420)	1.309	8.30	67.51
1.50 (0.354)	1.670	10.59	78.09
1.75 (0.297)	0.854	5.41	83.51
2.00 (0.250)	1.227	7.78	91.28
2.25 (0.210)	0.634	4.02	95.30
2.50 (0.177)	0.269	1.71	97.01
2.75 (0.149)	0.172	1.09	98.10
3.00 (0.125)	0.137	0.87	98.97
3.25 (0.105)	0.072	0.46	99.42
3.50 (0.088)	0.027	0.17	99.59
3.75 (0.074)	0.012	0.08	99.67
4.00 (0.063)	0.012	0.08	99.75
4.25 (0.053)	0.009	0.06	99.80
4.50 (0.044)	0.031	0.20	100.00

TOTAL WEIGHT OF SAMPLE IS 15.776 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.970 (0.510)	0.728 (0.604)	0.178	1.008

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.019 (0.494)	0.747 (0.596)	0.195	0.565

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
0.976 (0.508)	0.740 (0.599)	0.675	3.990

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: WN-7 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.464	2.26	2.26
0.25 (0.841)	0.572	2.78	5.04
0.50 (0.707)	0.823	4.00	9.04
0.75 (0.595)	1.384	6.73	15.77
1.00 (0.500)	2.339	11.38	27.15
1.25 (0.420)	1.371	6.67	33.81
1.50 (0.354)	2.331	11.34	45.15
1.75 (0.297)	1.617	7.86	53.02
2.00 (0.250)	3.402	16.55	69.56
2.25 (0.210)	2.621	12.75	82.31
2.50 (0.177)	1.313	6.39	88.69
2.75 (0.149)	1.056	5.14	93.83
3.00 (0.125)	0.817	3.97	97.80
3.25 (0.105)	0.362	1.76	99.56
3.50 (0.088)	0.066	0.32	99.88
3.75 (0.074)	0.017	0.08	99.97
4.00 (0.063)	0.004	0.02	99.99
4.25 (0.053)	0.001	0.00	99.99
4.50 (0.044)	0.002	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 20.562 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.575 (0.336)	0.781 (0.582)	-0.122	0.915

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.536 (0.345)	0.781 (0.582)	-0.152	0.651

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
1.568 (0.337)	0.770 (0.587)	-0.119	2.440

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: WN-7 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.214	1.07	1.07
0.25 (0.841)	0.315	1.57	2.64
0.50 (0.707)	0.546	2.73	5.37
0.75 (0.595)	0.899	4.49	9.85
1.00 (0.500)	1.682	8.40	18.25
1.25 (0.420)	0.982	4.90	23.15
1.50 (0.354)	1.623	8.10	31.26
1.75 (0.297)	1.140	5.69	36.95
2.00 (0.250)	2.851	14.23	51.18
2.25 (0.210)	3.000	14.98	66.16
2.50 (0.177)	2.016	10.06	76.22
2.75 (0.149)	1.914	9.56	85.78
3.00 (0.125)	1.832	9.15	94.92
3.25 (0.105)	0.890	4.44	99.37
3.50 (0.088)	0.035	0.17	99.54
3.75 (0.074)	0.035	0.17	99.72
4.00 (0.063)	0.017	0.08	99.80
4.25 (0.053)	0.008	0.04	99.84
4.50 (0.044)	0.012	0.06	99.90
4.75 (0.037)	0.009	0.04	99.95
5.00 (0.031)	0.010	0.05	100.00
5.25 (0.026)	0.001	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 20.031 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.872 (0.273)	0.827 (0.564)	-0.187	0.895

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.818 (0.284)	0.885 (0.541)	-0.182	0.433

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
1.873 (0.273)	0.796 (0.576)	-0.331	2.616

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WN-7 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.322	1.57	1.57
0.25 (0.841)	0.234	1.14	2.70
0.50 (0.707)	0.339	1.65	4.35
0.75 (0.595)	0.621	3.02	7.38
1.00 (0.500)	1.133	5.51	12.89
1.25 (0.420)	0.871	4.24	17.12
1.50 (0.354)	1.706	8.30	25.42
1.75 (0.297)	1.414	6.88	32.30
2.00 (0.250)	3.919	19.07	51.37
2.25 (0.210)	3.886	18.91	70.27
2.50 (0.177)	2.309	11.23	81.51
2.75 (0.149)	1.789	8.70	90.21
3.00 (0.125)	1.281	6.23	96.44
3.25 (0.105)	0.525	2.55	99.00
3.50 (0.088)	0.154	0.75	99.75
3.75 (0.074)	0.029	0.14	99.89
4.00 (0.063)	0.010	0.05	99.94
4.25 (0.053)	0.003	0.01	99.95
4.50 (0.044)	0.004	0.02	99.97
4.75 (0.037)	0.005	0.02	100.00
5.00 (0.031)	0.001	0.00	100.00
5.25 (0.026)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 20.555 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.912 (0.266)	0.709 (0.612)	-0.173	1.128

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.878 (0.272)	0.694 (0.618)	-0.150	0.721

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
1.895 (0.269)	0.710 (0.611)	-0.564	3.354

GRANULOMETRIC DESCRIPTION:

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

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