

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

SAMPLE: WN-6 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.906	4.75	4.75
0.25 (0.841)	1.310	6.86	11.61
0.50 (0.707)	1.788	9.37	20.98
0.75 (0.595)	2.756	14.44	35.42
1.00 (0.500)	3.760	19.70	55.12
1.25 (0.420)	2.046	10.72	65.84
1.50 (0.354)	2.608	13.67	79.51
1.75 (0.297)	1.278	6.70	86.20
2.00 (0.250)	1.591	8.34	94.54
2.25 (0.210)	0.588	3.08	97.62
2.50 (0.177)	0.200	1.05	98.67
2.75 (0.149)	0.108	0.57	99.23
3.00 (0.125)	0.075	0.39	99.63
3.25 (0.105)	0.016	0.08	99.71
3.50 (0.088)	0.014	0.07	99.79
3.75 (0.074)	0.012	0.06	99.85
4.00 (0.063)	0.004	0.02	99.87
4.25 (0.053)	0.006	0.03	99.90
4.50 (0.044)	0.001	0.01	99.91
4.75 (0.037)	0.008	0.04	99.95
5.00 (0.031)	0.001	0.01	99.95
5.25 (0.026)	0.009	0.05	100.00

TOTAL WEIGHT OF SAMPLE IS 19.085 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.990 (0.503)	0.632 (0.645)	0.107	0.980

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.017 (0.494)	0.650 (0.637)	0.127	0.559

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
1.005 (0.498)	0.635 (0.644)	0.596	4.367

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WN-6 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.609	3.67	3.67
0.25 (0.841)	1.060	6.39	10.06
0.50 (0.707)	1.764	10.63	20.69
0.75 (0.595)	2.461	14.83	35.52
1.00 (0.500)	3.301	19.89	55.41
1.25 (0.420)	1.700	10.25	65.66
1.50 (0.354)	2.181	13.14	78.80
1.75 (0.297)	1.067	6.43	85.23
2.00 (0.250)	1.331	8.02	93.26
2.25 (0.210)	0.576	3.47	96.73
2.50 (0.177)	0.204	1.23	97.96
2.75 (0.149)	0.132	0.80	98.75
3.00 (0.125)	0.096	0.58	99.33
3.25 (0.105)	0.027	0.16	99.49
3.50 (0.088)	0.022	0.13	99.63
3.75 (0.074)	0.016	0.10	99.72
4.00 (0.063)	0.009	0.05	99.78
4.25 (0.053)	0.006	0.04	99.81
4.50 (0.044)	0.006	0.04	99.85
4.75 (0.037)	0.013	0.08	99.93
5.00 (0.031)	0.005	0.03	99.96
5.25 (0.026)	0.007	0.04	100.00

TOTAL WEIGHT OF SAMPLE IS 16.593 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.008 (0.497)	0.642 (0.641)	0.162	0.994

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.046 (0.484)	0.656 (0.635)	0.174	0.580

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
1.027 (0.491)	0.656 (0.634)	0.846	5.057

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: WN-6 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.000	0.00	0.00
-0.50 (1.414)	0.037	0.22	0.22
-0.25 (1.189)	0.071	0.43	0.65
0.00 (1.000)	0.368	2.23	2.89
0.25 (0.841)	0.828	5.02	7.90
0.50 (0.707)	1.400	8.49	16.39
0.75 (0.595)	2.195	13.31	29.70
1.00 (0.500)	3.198	19.39	49.08
1.25 (0.420)	1.697	10.29	59.37
1.50 (0.354)	2.424	14.69	74.06
1.75 (0.297)	1.225	7.43	81.49
2.00 (0.250)	1.554	9.42	90.91
2.25 (0.210)	0.649	3.93	94.84
2.50 (0.177)	0.264	1.60	96.44
2.75 (0.149)	0.174	1.05	97.50
3.00 (0.125)	0.153	0.93	98.42
3.25 (0.105)	0.088	0.53	98.96
3.50 (0.088)	0.036	0.22	99.18
3.75 (0.074)	0.028	0.17	99.35
4.00 (0.063)	0.016	0.10	99.44
4.25 (0.053)	0.025	0.15	99.59
4.50 (0.044)	0.067	0.41	100.00

TOTAL WEIGHT OF SAMPLE IS 16.497 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.109 (0.464)	0.661 (0.633)	0.175	1.022

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.153 (0.450)	0.664 (0.631)	0.196	0.633

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
1.134 (0.456)	0.706 (0.613)	0.887	5.084

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: WN-6 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.008	0.06	0.06
-0.50 (1.414)	0.071	0.54	0.60
-0.25 (1.189)	0.119	0.91	1.51
0.00 (1.000)	0.334	2.54	4.05
0.25 (0.841)	0.834	6.34	10.39
0.50 (0.707)	1.143	8.69	19.09
0.75 (0.595)	1.764	13.42	32.50
1.00 (0.500)	2.457	18.69	51.19
1.25 (0.420)	1.335	10.16	61.35
1.50 (0.354)	1.904	14.48	75.83
1.75 (0.297)	0.959	7.29	83.13
2.00 (0.250)	1.219	9.27	92.40
2.25 (0.210)	0.504	3.83	96.23
2.50 (0.177)	0.179	1.36	97.60
2.75 (0.149)	0.122	0.93	98.52
3.00 (0.125)	0.080	0.61	99.13
3.25 (0.105)	0.040	0.30	99.44
3.50 (0.088)	0.014	0.11	99.54
3.75 (0.074)	0.007	0.05	99.60
4.00 (0.063)	0.012	0.09	99.69
4.25 (0.053)	0.007	0.05	99.74
4.50 (0.044)	0.034	0.26	100.00

TOTAL WEIGHT OF SAMPLE IS 13.146 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.056 (0.481)	0.664 (0.631)	0.136	0.998

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.092 (0.469)	0.681 (0.624)	0.159	0.565

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
1.071 (0.476)	0.687 (0.621)	0.583	4.448

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: WN-6 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.024	0.15	0.15
-0.50 (1.414)	0.049	0.32	0.47
-0.25 (1.189)	0.153	0.99	1.46
0.00 (1.000)	0.427	2.75	4.21
0.25 (0.841)	0.890	5.73	9.94
0.50 (0.707)	1.300	8.37	18.31
0.75 (0.595)	1.887	12.15	30.47
1.00 (0.500)	2.672	17.21	47.67
1.25 (0.420)	1.511	9.73	57.41
1.50 (0.354)	2.302	14.83	72.23
1.75 (0.297)	1.222	7.87	80.10
2.00 (0.250)	1.709	11.01	91.11
2.25 (0.210)	0.732	4.71	95.83
2.50 (0.177)	0.257	1.66	97.48
2.75 (0.149)	0.171	1.10	98.58
3.00 (0.125)	0.117	0.75	99.34
3.25 (0.105)	0.049	0.32	99.65
3.50 (0.088)	0.013	0.08	99.74
3.75 (0.074)	0.007	0.05	99.78
4.00 (0.063)	0.010	0.06	99.85
4.25 (0.053)	0.002	0.01	99.86
4.50 (0.044)	0.022	0.14	100.00

TOTAL WEIGHT OF SAMPLE IS 15.526 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.110 (0.463)	0.681 (0.624)	0.081	0.937

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.135 (0.455)	0.704 (0.614)	0.107	0.543

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
1.116 (0.461)	0.692 (0.619)	0.330	3.560

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: WN-6 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.251	1.28	1.28
0.25 (0.841)	0.725	3.69	4.96
0.50 (0.707)	1.167	5.93	10.89
0.75 (0.595)	1.901	9.66	20.56
1.00 (0.500)	2.885	14.67	35.22
1.25 (0.420)	1.692	8.60	43.82
1.50 (0.354)	2.792	14.19	58.02
1.75 (0.297)	1.778	9.04	67.05
2.00 (0.250)	3.052	15.51	82.57
2.25 (0.210)	1.631	8.29	90.86
2.50 (0.177)	0.650	3.30	94.16
2.75 (0.149)	0.455	2.31	96.48
3.00 (0.125)	0.327	1.66	98.14
3.25 (0.105)	0.125	0.64	98.77
3.50 (0.088)	0.064	0.33	99.10
3.75 (0.074)	0.042	0.21	99.31
4.00 (0.063)	0.027	0.14	99.45
4.25 (0.053)	0.022	0.11	99.56
4.50 (0.044)	0.013	0.07	99.63
4.75 (0.037)	0.029	0.15	99.78
5.00 (0.031)	0.008	0.04	99.82
5.25 (0.026)	0.036	0.18	100.00

TOTAL WEIGHT OF SAMPLE IS 19.672 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.345 (0.394)	0.707 (0.613)	0.012	0.911

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.338 (0.396)	0.706 (0.613)	-0.030	0.657

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
1.376 (0.385)	0.743 (0.597)	0.644	4.549

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: WN-6 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.318	1.51	1.51
0.25 (0.841)	1.007	4.77	6.27
0.50 (0.707)	1.275	6.03	12.31
0.75 (0.595)	1.995	9.44	21.75
1.00 (0.500)	2.951	13.97	35.72
1.25 (0.420)	1.790	8.47	44.19
1.50 (0.354)	2.900	13.73	57.92
1.75 (0.297)	1.978	9.36	67.28
2.00 (0.250)	3.326	15.74	83.02
2.25 (0.210)	1.774	8.40	91.42
2.50 (0.177)	0.699	3.31	94.73
2.75 (0.149)	0.479	2.27	96.99
3.00 (0.125)	0.324	1.53	98.53
3.25 (0.105)	0.113	0.53	99.06
3.50 (0.088)	0.063	0.30	99.36
3.75 (0.074)	0.032	0.15	99.51
4.00 (0.063)	0.019	0.09	99.60
4.25 (0.053)	0.016	0.08	99.68
4.50 (0.044)	0.012	0.06	99.73
4.75 (0.037)	0.022	0.10	99.84
5.00 (0.031)	0.006	0.03	99.87
5.25 (0.026)	0.028	0.13	100.00

TOTAL WEIGHT OF SAMPLE IS 21.127 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.328 (0.398)	0.713 (0.610)	-0.029	0.904

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.313 (0.402)	0.716 (0.609)	-0.059	0.640

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
1.354 (0.391)	0.737 (0.600)	0.474	4.045

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: WN-6 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.465	2.45	2.45
0.25 (0.841)	1.045	5.51	7.96
0.50 (0.707)	1.259	6.63	14.59
0.75 (0.595)	1.984	10.45	25.04
1.00 (0.500)	2.760	14.54	39.59
1.25 (0.420)	1.602	8.44	48.03
1.50 (0.354)	2.467	13.00	61.03
1.75 (0.297)	1.555	8.19	69.22
2.00 (0.250)	2.734	14.41	83.63
2.25 (0.210)	1.566	8.25	91.88
2.50 (0.177)	0.643	3.39	95.27
2.75 (0.149)	0.447	2.36	97.62
3.00 (0.125)	0.298	1.57	99.19
3.25 (0.105)	0.106	0.56	99.75
3.50 (0.088)	0.039	0.21	99.96
3.75 (0.074)	0.008	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 18.978 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.278 (0.412)	0.728 (0.604)	-0.006	0.880

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.273 (0.414)	0.739 (0.599)	-0.021	0.600

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
1.287 (0.410)	0.722 (0.606)	0.150	2.449

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

PREPARED BY BL ON 01/23/2006