

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

SAMPLE: W-67 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.122	0.41	0.41
-0.50 (1.414)	0.475	1.58	1.99
-0.25 (1.189)	1.146	3.82	5.81
0.00 (1.000)	2.078	6.93	12.74
0.25 (0.841)	3.940	13.14	25.88
0.50 (0.707)	3.522	11.74	37.62
0.75 (0.595)	4.141	13.81	51.43
1.00 (0.500)	5.181	17.27	68.70
1.25 (0.420)	2.651	8.84	77.54
1.50 (0.354)	2.507	8.36	85.90
1.75 (0.297)	0.946	3.15	89.05
2.00 (0.250)	1.169	3.90	92.95
2.25 (0.210)	0.721	2.40	95.35
2.50 (0.177)	0.352	1.17	96.53
2.75 (0.149)	0.262	0.87	97.40
3.00 (0.125)	0.245	0.82	98.22
3.25 (0.105)	0.157	0.52	98.74
3.50 (0.088)	0.078	0.26	99.00
3.75 (0.074)	0.071	0.24	99.24
4.00 (0.063)	0.028	0.09	99.33
4.25 (0.053)	0.063	0.21	99.54
4.50 (0.044)	0.138	0.46	100.00

TOTAL WEIGHT OF SAMPLE IS 29.993 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.743 (0.597)	0.727 (0.604)	0.112	1.091

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.753 (0.594)	0.691 (0.620)	0.041	0.822

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.792 (0.578)	0.798 (0.575)	1.134	5.566

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/27/2006

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

SAMPLE: W-67 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.080	0.27	0.27
-0.50 (1.414)	0.299	1.01	1.28
-0.25 (1.189)	0.659	2.23	3.52
0.00 (1.000)	1.458	4.94	8.45
0.25 (0.841)	2.962	10.03	18.49
0.50 (0.707)	2.973	10.07	28.55
0.75 (0.595)	4.033	13.66	42.21
1.00 (0.500)	5.376	18.21	60.42
1.25 (0.420)	2.844	9.63	70.05
1.50 (0.354)	3.198	10.83	80.88
1.75 (0.297)	1.202	4.07	84.96
2.00 (0.250)	1.616	5.47	90.43
2.25 (0.210)	0.923	3.13	93.55
2.50 (0.177)	0.459	1.55	95.11
2.75 (0.149)	0.359	1.22	96.33
3.00 (0.125)	0.349	1.18	97.51
3.25 (0.105)	0.224	0.76	98.27
3.50 (0.088)	0.112	0.38	98.65
3.75 (0.074)	0.102	0.35	98.99
4.00 (0.063)	0.052	0.18	99.17
4.25 (0.053)	0.071	0.24	99.41
4.50 (0.044)	0.175	0.59	100.00

TOTAL WEIGHT OF SAMPLE IS 29.526 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.912 (0.531)	0.778 (0.583)	0.167	1.143

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.940 (0.521)	0.752 (0.594)	0.110	0.768

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.959 (0.514)	0.824 (0.565)	1.056	5.122

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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

SAMPLE: W-67 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.071	0.21	0.21
-0.50 (1.414)	0.389	1.15	1.36
-0.25 (1.189)	1.074	3.18	4.54
0.00 (1.000)	1.944	5.76	10.30
0.25 (0.841)	3.554	10.53	20.83
0.50 (0.707)	3.315	9.82	30.64
0.75 (0.595)	4.159	12.32	42.96
1.00 (0.500)	5.779	17.12	60.08
1.25 (0.420)	3.228	9.56	69.64
1.50 (0.354)	3.440	10.19	79.83
1.75 (0.297)	1.404	4.16	83.98
2.00 (0.250)	1.938	5.74	89.72
2.25 (0.210)	1.230	3.64	93.37
2.50 (0.177)	0.640	1.90	95.26
2.75 (0.149)	0.522	1.55	96.81
3.00 (0.125)	0.463	1.37	98.18
3.25 (0.105)	0.237	0.70	98.88
3.50 (0.088)	0.091	0.27	99.15
3.75 (0.074)	0.072	0.21	99.36
4.00 (0.063)	0.022	0.07	99.43
4.25 (0.053)	0.064	0.19	99.62
4.50 (0.044)	0.129	0.38	100.00

TOTAL WEIGHT OF SAMPLE IS 33.765 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.913 (0.531)	0.812 (0.569)	0.154	1.078

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.943 (0.520)	0.808 (0.571)	0.112	0.669

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.940 (0.521)	0.826 (0.564)	0.832	4.269

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-67 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.041	0.15	0.15
-0.50 (1.414)	0.144	0.53	0.68
-0.25 (1.189)	0.287	1.06	1.74
0.00 (1.000)	0.521	1.92	3.65
0.25 (0.841)	1.011	3.72	7.37
0.50 (0.707)	1.029	3.79	11.16
0.75 (0.595)	1.403	5.16	16.32
1.00 (0.500)	2.117	7.79	24.11
1.25 (0.420)	1.529	5.63	29.74
1.50 (0.354)	2.322	8.54	38.29
1.75 (0.297)	1.421	5.23	43.52
2.00 (0.250)	3.200	11.78	55.29
2.25 (0.210)	3.262	12.00	67.30
2.50 (0.177)	2.174	8.00	75.30
2.75 (0.149)	2.258	8.31	83.61
3.00 (0.125)	2.271	8.36	91.96
3.25 (0.105)	1.000	3.68	95.64
3.50 (0.088)	0.334	1.23	96.87
3.75 (0.074)	0.221	0.81	97.69
4.00 (0.063)	0.128	0.47	98.16
4.25 (0.053)	0.131	0.48	98.64
4.50 (0.044)	0.370	1.36	100.00

TOTAL WEIGHT OF SAMPLE IS 27.174 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.795 (0.288)	0.979 (0.507)	-0.146	0.880

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.748 (0.298)	1.014 (0.495)	-0.138	0.537

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
1.782 (0.291)	0.988 (0.504)	-0.065	2.769

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-67 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.194	0.66	0.66
-0.50 (1.414)	0.327	1.12	1.78
-0.25 (1.189)	0.472	1.61	3.39
0.00 (1.000)	0.653	2.23	5.63
0.25 (0.841)	0.829	2.83	8.46
0.50 (0.707)	0.891	3.05	11.51
0.75 (0.595)	1.269	4.34	15.85
1.00 (0.500)	1.981	6.77	22.62
1.25 (0.420)	1.545	5.28	27.90
1.50 (0.354)	2.471	8.45	36.35
1.75 (0.297)	1.574	5.38	41.73
2.00 (0.250)	3.534	12.08	53.81
2.25 (0.210)	3.575	12.22	66.04
2.50 (0.177)	2.599	8.89	74.92
2.75 (0.149)	2.713	9.28	84.20
3.00 (0.125)	2.426	8.29	92.49
3.25 (0.105)	1.008	3.45	95.94
3.50 (0.088)	0.387	1.32	97.26
3.75 (0.074)	0.280	0.96	98.22
4.00 (0.063)	0.140	0.48	98.70
4.25 (0.053)	0.105	0.36	99.06
4.50 (0.044)	0.276	0.94	100.00

TOTAL WEIGHT OF SAMPLE IS 29.249 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.807 (0.286)	0.990 (0.503)	-0.198	0.959

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.750 (0.297)	0.995 (0.502)	-0.172	0.635

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
1.784 (0.290)	1.001 (0.500)	-0.315	2.922

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-67 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.424	1.19	1.19
-0.50 (1.414)	0.450	1.27	2.46
-0.25 (1.189)	0.741	2.09	4.55
0.00 (1.000)	0.925	2.60	7.15
0.25 (0.841)	1.345	3.79	10.94
0.50 (0.707)	1.272	3.58	14.52
0.75 (0.595)	1.714	4.83	19.35
1.00 (0.500)	2.499	7.04	26.39
1.25 (0.420)	2.449	6.90	33.28
1.50 (0.354)	3.526	9.93	43.21
1.75 (0.297)	2.307	6.50	49.71
2.00 (0.250)	4.011	11.30	61.01
2.25 (0.210)	4.102	11.55	72.56
2.50 (0.177)	2.650	7.46	80.02
2.75 (0.149)	2.429	6.84	86.86
3.00 (0.125)	2.420	6.81	93.68
3.25 (0.105)	0.968	2.73	96.40
3.50 (0.088)	0.345	0.97	97.37
3.75 (0.074)	0.285	0.80	98.18
4.00 (0.063)	0.089	0.25	98.43
4.25 (0.053)	0.198	0.56	98.98
4.50 (0.044)	0.361	1.02	100.00

TOTAL WEIGHT OF SAMPLE IS 35.51 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.659 (0.317)	1.022 (0.493)	-0.160	0.988

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.611 (0.327)	1.034 (0.488)	-0.141	0.609

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
1.634 (0.322)	1.027 (0.491)	-0.156	2.891

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-67 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.182	0.66	0.66
0.00 (1.000)	0.143	0.52	1.17
0.25 (0.841)	0.419	1.51	2.68
0.50 (0.707)	0.639	2.31	4.99
0.75 (0.595)	1.107	3.99	8.99
1.00 (0.500)	2.040	7.36	16.35
1.25 (0.420)	1.835	6.62	22.97
1.50 (0.354)	2.122	7.66	30.63
1.75 (0.297)	1.657	5.98	36.61
2.00 (0.250)	3.061	11.05	47.65
2.25 (0.210)	2.507	9.05	56.70
2.50 (0.177)	1.422	5.13	61.83
2.75 (0.149)	1.737	6.27	68.10
3.00 (0.125)	2.201	7.94	76.04
3.25 (0.105)	1.594	5.75	81.79
3.50 (0.088)	0.644	2.32	84.12
3.75 (0.074)	0.564	2.04	86.15
4.00 (0.063)	0.421	1.52	87.67
4.25 (0.053)	0.360	1.30	88.97
4.50 (0.044)	0.664	2.40	91.36
5.00 (0.031)	0.292	1.05	92.42
5.25 (0.026)	2.101	7.58	100.00

TOTAL WEIGHT OF SAMPLE IS 27.712 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.180 (0.221)	1.319 (0.401)	0.228	1.138

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.238 (0.212)	1.250 (0.421)	0.138	0.834

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.255 (0.209)	1.257 (0.418)	0.504	2.645

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; FINE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/27/2006