

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

SAMPLE: W-60 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.069	0.31	0.31
-0.50 (1.414)	0.366	1.67	1.98
-0.25 (1.189)	0.601	2.74	4.72
0.00 (1.000)	1.103	5.03	9.75
0.25 (0.841)	1.967	8.96	18.71
0.50 (0.707)	1.922	8.76	27.47
0.75 (0.595)	2.569	11.71	39.17
1.00 (0.500)	3.450	15.72	54.89
1.25 (0.420)	2.111	9.62	64.51
1.50 (0.354)	2.899	13.21	77.72
1.75 (0.297)	1.404	6.40	84.12
2.00 (0.250)	1.776	8.09	92.21
2.25 (0.210)	0.835	3.80	96.01
2.50 (0.177)	0.297	1.35	97.37
2.75 (0.149)	0.215	0.98	98.35
3.00 (0.125)	0.175	0.80	99.14
3.25 (0.105)	0.083	0.38	99.52
3.50 (0.088)	0.029	0.13	99.65
3.75 (0.074)	0.016	0.07	99.73
4.00 (0.063)	0.004	0.02	99.74
4.25 (0.053)	0.014	0.06	99.81
4.50 (0.044)	0.042	0.19	100.00

TOTAL WEIGHT OF SAMPLE IS 21.947 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.947 (0.519)	0.759 (0.591)	0.045	0.973

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.960 (0.514)	0.786 (0.580)	0.048	0.540

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
0.963 (0.513)	0.765 (0.589)	0.375	3.609

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/22/2006

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

SAMPLE: W-60 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.067	0.25	0.25
-0.50 (1.414)	0.273	1.03	1.29
-0.25 (1.189)	0.593	2.24	3.53
0.00 (1.000)	1.201	4.54	8.07
0.25 (0.841)	2.020	7.64	15.71
0.50 (0.707)	2.327	8.80	24.51
0.75 (0.595)	3.083	11.66	36.18
1.00 (0.500)	4.336	16.40	52.58
1.25 (0.420)	2.731	10.33	62.91
1.50 (0.354)	3.663	13.86	76.76
1.75 (0.297)	1.698	6.42	83.18
2.00 (0.250)	2.270	8.59	91.77
2.25 (0.210)	1.032	3.90	95.67
2.50 (0.177)	0.378	1.43	97.10
2.75 (0.149)	0.276	1.04	98.15
3.00 (0.125)	0.214	0.81	98.96
3.25 (0.105)	0.102	0.39	99.34
3.50 (0.088)	0.040	0.15	99.49
3.75 (0.074)	0.034	0.13	99.62
4.00 (0.063)	0.004	0.02	99.64
4.25 (0.053)	0.028	0.11	99.74
4.50 (0.044)	0.068	0.26	100.00

TOTAL WEIGHT OF SAMPLE IS 26.438 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.998 (0.501)	0.739 (0.599)	0.061	1.017

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.016 (0.494)	0.758 (0.591)	0.073	0.568

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
1.014 (0.495)	0.754 (0.593)	0.468	3.993

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/22/2006

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

SAMPLE: W-60 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.037	0.14	0.14
-0.50 (1.414)	0.249	0.94	1.08
-0.25 (1.189)	0.452	1.70	2.78
0.00 (1.000)	0.768	2.89	5.68
0.25 (0.841)	1.609	6.07	11.74
0.50 (0.707)	1.860	7.01	18.75
0.75 (0.595)	2.604	9.82	28.57
1.00 (0.500)	3.576	13.48	42.05
1.25 (0.420)	2.449	9.23	51.28
1.50 (0.354)	3.438	12.96	64.24
1.75 (0.297)	1.776	6.69	70.93
2.00 (0.250)	2.874	10.83	81.77
2.25 (0.210)	1.659	6.25	88.02
2.50 (0.177)	0.697	2.63	90.65
2.75 (0.149)	0.598	2.25	92.90
3.00 (0.125)	0.561	2.11	95.02
3.25 (0.105)	0.305	1.15	96.17
3.50 (0.088)	0.172	0.65	96.81
3.75 (0.074)	0.159	0.60	97.41
4.00 (0.063)	0.065	0.25	97.66
4.25 (0.053)	0.164	0.62	98.28
4.50 (0.044)	0.457	1.72	100.00

TOTAL WEIGHT OF SAMPLE IS 26.529 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.235 (0.425)	0.885 (0.542)	0.101	1.057

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.246 (0.422)	0.844 (0.557)	0.036	0.811

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.295 (0.407)	0.948 (0.518)	0.802	4.154

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/22/2006

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

SAMPLE: W-60 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.374	1.55	1.55
0.25 (0.841)	0.606	2.51	4.07
0.50 (0.707)	0.855	3.55	7.61
0.75 (0.595)	1.327	5.50	13.12
1.00 (0.500)	2.442	10.13	23.25
1.25 (0.420)	1.959	8.13	31.37
1.50 (0.354)	3.522	14.61	45.98
1.75 (0.297)	2.386	9.90	55.88
2.00 (0.250)	4.876	20.23	76.11
2.25 (0.210)	2.959	12.27	88.38
2.50 (0.177)	1.060	4.40	92.78
2.75 (0.149)	0.814	3.38	96.16
3.00 (0.125)	0.537	2.23	98.39
3.25 (0.105)	0.178	0.74	99.12
3.50 (0.088)	0.059	0.24	99.37
3.75 (0.074)	0.040	0.17	99.54
4.00 (0.063)	0.026	0.11	99.64
4.25 (0.053)	0.020	0.08	99.73
4.50 (0.044)	0.014	0.06	99.78
4.75 (0.037)	0.018	0.07	99.86
5.00 (0.031)	0.000	0.00	99.86
5.25 (0.026)	0.034	0.14	100.00

TOTAL WEIGHT OF SAMPLE IS 24.106 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.528 (0.347)	0.691 (0.620)	-0.130	1.032

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.491 (0.356)	0.670 (0.629)	-0.165	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
1.546 (0.342)	0.708 (0.612)	0.156	4.035

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 03/22/2006

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

SAMPLE: W-60 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.115	0.47	0.47
0.25 (0.841)	0.189	0.77	1.24
0.50 (0.707)	0.357	1.46	2.70
0.75 (0.595)	0.713	2.91	5.60
1.00 (0.500)	1.803	7.35	12.96
1.25 (0.420)	1.701	6.94	19.89
1.50 (0.354)	3.117	12.71	32.60
1.75 (0.297)	2.388	9.74	42.34
2.00 (0.250)	4.935	20.12	62.46
2.25 (0.210)	3.289	13.41	75.88
2.50 (0.177)	1.691	6.90	82.77
2.75 (0.149)	1.495	6.10	88.87
3.00 (0.125)	1.363	5.56	94.43
3.25 (0.105)	0.501	2.04	96.47
3.50 (0.088)	0.161	0.66	97.13
3.75 (0.074)	0.142	0.58	97.70
4.00 (0.063)	0.083	0.34	98.04
4.25 (0.053)	0.108	0.44	98.48
4.50 (0.044)	0.062	0.25	98.74
4.75 (0.037)	0.080	0.33	99.06
5.00 (0.031)	0.043	0.18	99.24
5.25 (0.026)	0.187	0.76	100.00

TOTAL WEIGHT OF SAMPLE IS 24.523 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.835 (0.280)	0.720 (0.607)	0.006	1.101

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.830 (0.281)	0.720 (0.607)	-0.021	0.647

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
1.857 (0.276)	0.789 (0.579)	0.827	5.370

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/24/2006

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

SAMPLE: W-60 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.404	1.52	1.52
-0.25 (1.189)	0.471	1.77	3.30
0.00 (1.000)	0.660	2.49	5.78
0.25 (0.841)	0.856	3.23	9.01
0.50 (0.707)	0.914	3.44	12.45
0.75 (0.595)	1.275	4.80	17.26
1.00 (0.500)	2.413	9.09	26.35
1.25 (0.420)	2.038	7.68	34.03
1.50 (0.354)	3.338	12.58	46.61
1.75 (0.297)	2.121	7.99	54.60
2.00 (0.250)	4.326	16.30	70.90
2.25 (0.210)	3.010	11.34	82.24
2.50 (0.177)	1.450	5.46	87.70
2.75 (0.149)	1.274	4.80	92.51
3.00 (0.125)	0.984	3.71	96.21
3.25 (0.105)	0.384	1.45	97.66
3.50 (0.088)	0.177	0.67	98.33
3.75 (0.074)	0.148	0.56	98.88
4.00 (0.063)	0.042	0.16	99.04
4.25 (0.053)	0.130	0.49	99.53
4.50 (0.044)	0.054	0.20	99.74
4.75 (0.037)	0.070	0.26	100.00

TOTAL WEIGHT OF SAMPLE IS 26.539 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.540 (0.344)	0.866 (0.549)	-0.122	1.089

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.508 (0.352)	0.823 (0.565)	-0.120	0.821

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.541 (0.344)	0.893 (0.538)	-0.033	3.369

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/22/2006

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

SAMPLE: W-60 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.517	1.84	1.84
0.00 (1.000)	0.419	1.49	3.33
0.25 (0.841)	0.789	2.81	6.14
0.50 (0.707)	0.872	3.10	9.25
0.75 (0.595)	1.494	5.32	14.56
1.00 (0.500)	2.905	10.34	24.91
1.25 (0.420)	2.377	8.46	33.37
1.50 (0.354)	3.955	14.08	47.45
1.75 (0.297)	2.577	9.17	56.62
2.00 (0.250)	4.918	17.51	74.13
2.25 (0.210)	3.422	12.18	86.31
2.50 (0.177)	1.313	4.67	90.99
2.75 (0.149)	1.077	3.83	94.82
3.00 (0.125)	0.744	2.65	97.47
3.25 (0.105)	0.308	1.10	98.57
3.50 (0.088)	0.112	0.40	98.97
3.75 (0.074)	0.090	0.32	99.29
4.00 (0.063)	0.044	0.16	99.44
4.25 (0.053)	0.065	0.23	99.68
4.50 (0.044)	0.033	0.12	99.79
4.75 (0.037)	0.046	0.16	99.96
5.00 (0.031)	0.012	0.04	100.00

TOTAL WEIGHT OF SAMPLE IS 28.089 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.519 (0.349)	0.751 (0.594)	-0.096	1.057

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.494 (0.355)	0.709 (0.612)	-0.107	0.847

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
1.533 (0.346)	0.782 (0.582)	0.056	3.667

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/22/2006

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

SAMPLE: W-60 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.243	0.93	0.93
0.25 (0.841)	0.305	1.16	2.09
0.50 (0.707)	0.472	1.80	3.88
0.75 (0.595)	0.818	3.11	7.00
1.00 (0.500)	1.913	7.28	14.28
1.25 (0.420)	1.705	6.49	20.77
1.50 (0.354)	3.210	12.22	32.99
1.75 (0.297)	2.357	8.97	41.96
2.00 (0.250)	5.411	20.60	62.56
2.25 (0.210)	4.277	16.28	78.84
2.50 (0.177)	1.883	7.17	86.01
2.75 (0.149)	1.635	6.22	92.24
3.00 (0.125)	1.266	4.82	97.06
3.25 (0.105)	0.579	2.20	99.26
3.50 (0.088)	0.024	0.09	99.35
3.75 (0.074)	0.081	0.31	99.66
4.00 (0.063)	0.002	0.01	99.67
4.25 (0.053)	0.049	0.19	99.86
4.50 (0.044)	0.002	0.01	99.86
4.75 (0.037)	0.010	0.04	99.90
5.00 (0.031)	0.000	0.00	99.90
5.25 (0.026)	0.026	0.10	100.00

TOTAL WEIGHT OF SAMPLE IS 26.268 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.781 (0.291)	0.690 (0.620)	-0.119	1.105

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.748 (0.298)	0.682 (0.623)	-0.146	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
1.780 (0.291)	0.692 (0.619)	-0.071	3.640

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 03/22/2006