

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

SAMPLE: W-59 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	1.280	4.04	4.04
-0.25 (1.189)	1.239	3.91	7.95
0.00 (1.000)	2.073	6.54	14.49
0.25 (0.841)	3.426	10.81	25.30
0.50 (0.707)	3.403	10.74	36.04
0.75 (0.595)	3.863	12.19	48.22
1.00 (0.500)	4.803	15.15	63.38
1.25 (0.420)	2.801	8.84	72.22
1.50 (0.354)	3.579	11.29	83.51
1.75 (0.297)	1.617	5.10	88.61
2.00 (0.250)	1.919	6.05	94.66
2.25 (0.210)	0.867	2.74	97.40
2.50 (0.177)	0.334	1.05	98.45
2.75 (0.149)	0.247	0.78	99.23
3.00 (0.125)	0.167	0.53	99.76
3.25 (0.105)	0.062	0.20	99.96
3.50 (0.088)	0.011	0.03	99.99
3.75 (0.074)	0.003	0.01	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

TOTAL WEIGHT OF SAMPLE IS 31.694 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.779 (0.583)	0.746 (0.596)	0.007	0.947

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.780 (0.583)	0.745 (0.597)	0.000	0.658

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
0.792 (0.578)	0.744 (0.597)	0.242	2.772

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/21/2006

*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: W-59 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	1.564	4.77	4.77
-0.50 (1.414)	0.580	1.77	6.54
-0.25 (1.189)	1.465	4.47	11.01
0.00 (1.000)	2.884	8.80	19.81
0.25 (0.841)	4.593	14.02	33.83
0.50 (0.707)	4.053	12.37	46.20
0.75 (0.595)	4.239	12.94	59.13
1.00 (0.500)	4.567	13.94	73.07
1.25 (0.420)	2.316	7.07	80.14
1.50 (0.354)	2.768	8.45	88.58
1.75 (0.297)	1.164	3.55	92.14
2.00 (0.250)	1.339	4.09	96.22
2.25 (0.210)	0.606	1.85	98.07
2.50 (0.177)	0.239	0.73	98.80
2.75 (0.149)	0.188	0.57	99.37
3.00 (0.125)	0.140	0.43	99.80
3.25 (0.105)	0.057	0.17	99.98
3.50 (0.088)	0.005	0.02	99.99
3.75 (0.074)	0.003	0.01	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

TOTAL WEIGHT OF SAMPLE IS 32.77 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.610 (0.655)	0.769 (0.587)	0.048	1.110

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.628 (0.647)	0.736 (0.600)	0.074	0.795

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
0.606 (0.657)	0.753 (0.594)	0.295	3.085

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: W-59 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.838	3.42	3.42
-0.25 (1.189)	0.632	2.58	6.00
0.00 (1.000)	0.667	2.72	8.73
0.25 (0.841)	0.944	3.86	12.58
0.50 (0.707)	0.820	3.35	15.93
0.75 (0.595)	0.923	3.77	19.70
1.00 (0.500)	1.409	5.75	25.46
1.25 (0.420)	1.223	4.99	30.45
1.50 (0.354)	2.910	11.88	42.33
1.75 (0.297)	2.346	9.58	51.92
2.00 (0.250)	5.631	23.00	74.91
2.25 (0.210)	3.223	13.16	88.07
2.50 (0.177)	1.186	4.84	92.92
2.75 (0.149)	0.868	3.54	96.46
3.00 (0.125)	0.541	2.21	98.67
3.25 (0.105)	0.213	0.87	99.54
3.50 (0.088)	0.050	0.20	99.75
3.75 (0.074)	0.022	0.09	99.84
4.00 (0.063)	0.009	0.04	99.87
4.25 (0.053)	0.010	0.04	99.91
4.50 (0.044)	0.001	0.00	99.92
4.75 (0.037)	0.020	0.08	100.00

TOTAL WEIGHT OF SAMPLE IS 24.486 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.459 (0.364)	0.871 (0.547)	-0.400	1.201

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.339 (0.395)	0.834 (0.561)	-0.433	0.795

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
1.459 (0.364)	0.865 (0.549)	-0.667	3.145

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-59 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.036	0.18	0.18
0.25 (0.841)	0.065	0.33	0.52
0.50 (0.707)	0.079	0.40	0.92
0.75 (0.595)	0.180	0.92	1.84
1.00 (0.500)	0.387	1.98	3.82
1.25 (0.420)	0.454	2.32	6.13
1.50 (0.354)	1.149	5.87	12.00
1.75 (0.297)	1.320	6.74	18.75
2.00 (0.250)	3.627	18.53	37.27
2.25 (0.210)	3.938	20.11	57.39
2.50 (0.177)	2.242	11.45	68.84
2.75 (0.149)	2.425	12.39	81.22
3.00 (0.125)	2.107	10.76	91.99
3.25 (0.105)	0.949	4.85	96.83
3.50 (0.088)	0.248	1.27	98.10
3.75 (0.074)	0.127	0.65	98.75
4.00 (0.063)	0.053	0.27	99.02
4.25 (0.053)	0.059	0.30	99.32
4.50 (0.044)	0.028	0.14	99.46
4.75 (0.037)	0.039	0.20	99.66
5.00 (0.031)	0.012	0.06	99.72
5.25 (0.026)	0.054	0.28	100.00

TOTAL WEIGHT OF SAMPLE IS 19.578 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.207 (0.217)	0.599 (0.660)	0.055	1.052

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.231 (0.213)	0.583 (0.668)	0.125	0.739

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
2.196 (0.218)	0.646 (0.639)	0.164	4.916

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: W-59 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.270	1.42	1.42
0.25 (0.841)	0.587	3.09	4.52
0.50 (0.707)	0.864	4.56	9.07
0.75 (0.595)	1.401	7.39	16.46
1.00 (0.500)	2.118	11.17	27.63
1.25 (0.420)	1.228	6.47	34.10
1.50 (0.354)	1.763	9.29	43.39
1.75 (0.297)	1.175	6.19	49.59
2.00 (0.250)	2.386	12.58	62.17
2.25 (0.210)	2.210	11.65	73.82
2.50 (0.177)	1.225	6.46	80.28
2.75 (0.149)	1.214	6.40	86.68
3.00 (0.125)	1.103	5.82	92.49
3.25 (0.105)	0.528	2.78	95.28
3.50 (0.088)	0.207	1.09	96.37
3.75 (0.074)	0.159	0.84	97.21
4.00 (0.063)	0.096	0.51	97.71
4.25 (0.053)	0.108	0.57	98.28
4.50 (0.044)	0.065	0.34	98.62
4.75 (0.037)	0.085	0.45	99.07
5.00 (0.031)	0.043	0.23	99.30
5.25 (0.026)	0.133	0.70	100.00

TOTAL WEIGHT OF SAMPLE IS 18.968 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.713 (0.305)	0.925 (0.527)	-0.038	0.892

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.690 (0.310)	0.955 (0.516)	-0.071	0.543

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
1.716 (0.304)	0.964 (0.513)	0.560	3.601

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; MESOKURITIC

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SAMPLE: W-59 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.113	0.42	0.42
-0.50 (1.414)	0.253	0.94	1.35
-0.25 (1.189)	0.457	1.69	3.04
0.00 (1.000)	0.849	3.14	6.18
0.25 (0.841)	1.820	6.73	12.91
0.50 (0.707)	2.243	8.29	21.20
0.75 (0.595)	2.813	10.40	31.59
1.00 (0.500)	3.400	12.57	44.16
1.25 (0.420)	2.072	7.66	51.82
1.50 (0.354)	2.855	10.55	62.37
1.75 (0.297)	1.538	5.68	68.05
2.00 (0.250)	2.325	8.59	76.65
2.25 (0.210)	1.686	6.23	82.88
2.50 (0.177)	0.882	3.26	86.14
2.75 (0.149)	0.871	3.22	89.36
3.00 (0.125)	0.989	3.66	93.01
3.25 (0.105)	0.534	1.97	94.98
3.50 (0.088)	0.278	1.03	96.01
3.75 (0.074)	0.224	0.83	96.84
4.00 (0.063)	0.130	0.48	97.32
4.25 (0.053)	0.154	0.57	97.89
4.50 (0.044)	0.571	2.11	100.00

TOTAL WEIGHT OF SAMPLE IS 27.057 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.290 (0.409)	1.005 (0.498)	0.191	1.008

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.340 (0.395)	0.996 (0.501)	0.150	0.680

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
1.340 (0.395)	1.046 (0.484)	0.721	3.406

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; FINE SKEWED; MESOKURITIC

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SAMPLE: W-59 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.158	0.57	0.57
-0.50 (1.414)	0.248	0.89	1.46
-0.25 (1.189)	0.455	1.63	3.09
0.00 (1.000)	0.950	3.41	6.49
0.25 (0.841)	1.834	6.57	13.07
0.50 (0.707)	2.169	7.78	20.84
0.75 (0.595)	2.838	10.17	31.02
1.00 (0.500)	3.541	12.69	43.71
1.25 (0.420)	2.201	7.89	51.60
1.50 (0.354)	2.896	10.38	61.98
1.75 (0.297)	1.526	5.47	67.45
2.00 (0.250)	2.405	8.62	76.07
2.25 (0.210)	1.756	6.30	82.37
2.50 (0.177)	1.007	3.61	85.98
2.75 (0.149)	1.052	3.77	89.75
3.00 (0.125)	1.104	3.96	93.71
3.25 (0.105)	0.595	2.13	95.84
3.50 (0.088)	0.268	0.96	96.80
3.75 (0.074)	0.198	0.71	97.51
4.00 (0.063)	0.114	0.41	97.92
4.25 (0.053)	0.130	0.47	98.39
4.50 (0.044)	0.450	1.61	100.00

TOTAL WEIGHT OF SAMPLE IS 27.895 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.302 (0.406)	0.999 (0.500)	0.175	0.978

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.354 (0.391)	1.009 (0.497)	0.153	0.615

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
1.336 (0.396)	1.027 (0.491)	0.619	3.250

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; FINE SKEWED; MESOKURITIC

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SAMPLE: W-59 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.181	0.80	0.80
0.25 (0.841)	0.265	1.16	1.96
0.50 (0.707)	0.402	1.77	3.73
0.75 (0.595)	0.684	3.00	6.73
1.00 (0.500)	1.254	5.51	12.24
1.25 (0.420)	0.902	3.96	16.20
1.50 (0.354)	1.399	6.15	22.35
1.75 (0.297)	0.897	3.94	26.29
2.00 (0.250)	2.138	9.39	35.68
2.25 (0.210)	2.910	12.78	48.46
2.50 (0.177)	2.701	11.87	60.33
2.75 (0.149)	3.196	14.04	74.37
3.00 (0.125)	3.253	14.29	88.66
3.25 (0.105)	1.565	6.87	95.53
3.50 (0.088)	0.446	1.96	97.49
3.75 (0.074)	0.215	0.94	98.44
4.00 (0.063)	0.041	0.18	98.62
4.25 (0.053)	0.112	0.49	99.11
4.50 (0.044)	0.039	0.17	99.28
4.75 (0.037)	0.054	0.24	99.52
5.00 (0.031)	0.015	0.07	99.58
5.25 (0.026)	0.095	0.42	100.00

TOTAL WEIGHT OF SAMPLE IS 22.764 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.146 (0.226)	0.818 (0.567)	-0.260	0.984

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.078 (0.237)	0.841 (0.558)	-0.243	0.561

GRANULOMETRIC DESCRIPTION:

FINE 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
2.162 (0.224)	0.847 (0.556)	-0.309	3.401

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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