

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

SAMPLE: W-79 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.818	3.24	3.24
-0.25 (1.189)	0.987	3.91	7.15
0.00 (1.000)	1.195	4.74	11.89
0.25 (0.841)	1.980	7.85	19.74
0.50 (0.707)	2.112	8.37	28.11
0.75 (0.595)	2.917	11.56	39.67
1.00 (0.500)	4.486	17.78	57.45
1.25 (0.420)	2.900	11.49	68.94
1.50 (0.354)	3.406	13.50	82.44
1.75 (0.297)	1.267	5.02	87.46
2.00 (0.250)	1.527	6.05	93.52
2.25 (0.210)	0.643	2.55	96.06
2.50 (0.177)	0.312	1.24	97.30
2.75 (0.149)	0.296	1.17	98.47
3.00 (0.125)	0.190	0.75	99.23
3.25 (0.105)	0.130	0.52	99.74
3.50 (0.088)	0.034	0.13	99.88
3.75 (0.074)	0.016	0.06	99.94
4.00 (0.063)	0.006	0.02	99.96
4.25 (0.053)	0.005	0.02	99.98
4.50 (0.044)	0.001	0.00	99.99
4.75 (0.037)	0.003	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 25.231 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.868 (0.548)	0.745 (0.596)	-0.035	1.087

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.854 (0.553)	0.723 (0.606)	-0.057	0.751

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
0.900 (0.536)	0.750 (0.595)	0.259	3.345

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/31/2006

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

SAMPLE: W-79 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.512	2.17	2.17
-0.25 (1.189)	0.477	2.02	4.19
0.00 (1.000)	1.134	4.81	9.00
0.25 (0.841)	1.601	6.79	15.79
0.50 (0.707)	1.658	7.03	22.82
0.75 (0.595)	2.678	11.36	34.18
1.00 (0.500)	4.500	19.08	53.27
1.25 (0.420)	2.760	11.70	64.97
1.50 (0.354)	3.139	13.31	78.28
1.75 (0.297)	1.319	5.59	83.88
2.00 (0.250)	1.573	6.67	90.55
2.25 (0.210)	0.751	3.18	93.73
2.50 (0.177)	0.399	1.69	95.42
2.75 (0.149)	0.460	1.95	97.37
3.00 (0.125)	0.285	1.21	98.58
3.25 (0.105)	0.224	0.95	99.53
3.50 (0.088)	0.055	0.23	99.77
3.75 (0.074)	0.023	0.10	99.86
4.00 (0.063)	0.004	0.02	99.88
4.25 (0.053)	0.014	0.06	99.94
4.50 (0.044)	0.004	0.02	99.96
4.75 (0.037)	0.010	0.04	100.00

TOTAL WEIGHT OF SAMPLE IS 23.58 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.990 (0.504)	0.775 (0.584)	0.092	1.218

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.006 (0.498)	0.749 (0.595)	0.065	0.767

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
1.017 (0.494)	0.769 (0.587)	0.425	3.609

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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

SAMPLE: W-79 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.673	2.41	2.41
-0.25 (1.189)	0.689	2.46	4.87
0.00 (1.000)	1.046	3.74	8.61
0.25 (0.841)	1.584	5.66	14.27
0.50 (0.707)	1.410	5.04	19.32
0.75 (0.595)	1.811	6.48	25.79
1.00 (0.500)	2.374	8.49	34.28
1.25 (0.420)	1.415	5.06	39.34
1.50 (0.354)	2.506	8.96	48.30
1.75 (0.297)	1.521	5.44	53.74
2.00 (0.250)	2.908	10.40	64.14
2.25 (0.210)	2.351	8.41	72.55
2.50 (0.177)	1.371	4.90	77.45
2.75 (0.149)	2.124	7.60	85.05
3.00 (0.125)	1.652	5.91	90.95
3.25 (0.105)	1.179	4.22	95.17
3.50 (0.088)	0.399	1.43	96.60
3.75 (0.074)	0.196	0.70	97.30
4.00 (0.063)	0.134	0.48	97.78
4.25 (0.053)	0.132	0.47	98.25
4.50 (0.044)	0.098	0.35	98.60
4.75 (0.037)	0.392	1.40	100.00

TOTAL WEIGHT OF SAMPLE IS 27.965 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.543 (0.343)	1.122 (0.459)	-0.045	0.862

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.526 (0.347)	1.190 (0.438)	-0.044	0.463

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
1.563 (0.338)	1.124 (0.459)	0.172	2.653

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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

SAMPLE: W-79 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.696	2.15	2.15
-0.50 (1.414)	0.741	2.29	4.44
-0.25 (1.189)	1.398	4.32	8.75
0.00 (1.000)	2.137	6.60	15.35
0.25 (0.841)	3.268	10.09	25.44
0.50 (0.707)	2.474	7.64	33.08
0.75 (0.595)	2.868	8.86	41.94
1.00 (0.500)	3.482	10.75	52.69
1.25 (0.420)	2.112	6.52	59.21
1.50 (0.354)	2.872	8.87	68.08
1.75 (0.297)	1.640	5.06	73.14
2.00 (0.250)	2.583	7.98	81.12
2.25 (0.210)	1.644	5.08	86.19
2.50 (0.177)	0.899	2.78	88.97
2.75 (0.149)	1.139	3.52	92.49
3.00 (0.125)	0.746	2.30	94.79
3.25 (0.105)	0.680	2.10	96.89
3.50 (0.088)	0.374	1.15	98.05
3.75 (0.074)	0.233	0.72	98.76
4.00 (0.063)	0.155	0.48	99.24
4.25 (0.053)	0.151	0.47	99.71
4.50 (0.044)	0.094	0.29	100.00

TOTAL WEIGHT OF SAMPLE IS 32.386 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.032 (0.489)	1.061 (0.479)	0.164	0.912

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.079 (0.473)	1.063 (0.479)	0.133	0.643

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
1.074 (0.475)	1.063 (0.479)	0.487	2.822

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; FINE SKEWED; MESOKURITIC

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SAMPLE: W-79 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.136	0.48	0.48
-0.25 (1.189)	0.252	0.88	1.36
0.00 (1.000)	0.498	1.74	3.10
0.25 (0.841)	0.862	3.01	6.11
0.50 (0.707)	1.038	3.63	9.74
0.75 (0.595)	1.678	5.87	15.61
1.00 (0.500)	3.084	10.79	26.40
1.25 (0.420)	2.324	8.13	34.53
1.50 (0.354)	3.521	12.31	46.84
1.75 (0.297)	2.075	7.26	54.10
2.00 (0.250)	3.973	13.90	67.99
2.25 (0.210)	2.731	9.55	77.55
2.50 (0.177)	1.598	5.59	83.14
2.75 (0.149)	1.805	6.31	89.45
3.00 (0.125)	0.996	3.48	92.93
3.25 (0.105)	0.993	3.47	96.40
3.50 (0.088)	0.394	1.38	97.78
3.75 (0.074)	0.205	0.72	98.50
4.00 (0.063)	0.118	0.41	98.91
4.25 (0.053)	0.070	0.24	99.16
4.50 (0.044)	0.061	0.21	99.37
4.75 (0.037)	0.180	0.63	100.00

TOTAL WEIGHT OF SAMPLE IS 28.592 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.634 (0.322)	0.897 (0.537)	0.036	1.008

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.647 (0.319)	0.888 (0.540)	0.043	0.685

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
1.626 (0.324)	0.908 (0.533)	0.276	3.224

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-79 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.664	2.58	2.58
-0.25 (1.189)	0.605	2.35	4.94
0.00 (1.000)	1.092	4.25	9.18
0.25 (0.841)	1.637	6.37	15.55
0.50 (0.707)	1.582	6.15	21.70
0.75 (0.595)	2.217	8.62	30.32
1.00 (0.500)	3.299	12.83	43.15
1.25 (0.420)	2.044	7.95	51.10
1.50 (0.354)	3.373	13.12	64.22
1.75 (0.297)	1.903	7.40	71.62
2.00 (0.250)	2.836	11.03	82.65
2.25 (0.210)	1.508	5.86	88.52
2.50 (0.177)	0.556	2.16	90.68
2.75 (0.149)	0.655	2.55	93.23
3.00 (0.125)	0.432	1.68	94.91
3.25 (0.105)	0.485	1.89	96.79
3.50 (0.088)	0.301	1.17	97.96
3.75 (0.074)	0.195	0.76	98.72
4.00 (0.063)	0.112	0.44	99.16
4.25 (0.053)	0.084	0.33	99.48
4.50 (0.044)	0.045	0.18	99.66
4.75 (0.037)	0.088	0.34	100.00

TOTAL WEIGHT OF SAMPLE IS 25.713 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.180 (0.441)	0.941 (0.521)	0.022	1.085

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.163 (0.447)	0.895 (0.538)	-0.059	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
1.235 (0.425)	0.953 (0.516)	0.484	3.465

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; MESOKURITIC

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SAMPLE: W-79 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.681	1.87	1.87
-0.25 (1.189)	0.904	2.48	4.36
0.00 (1.000)	1.667	4.58	8.94
0.25 (0.841)	2.253	6.19	15.13
0.50 (0.707)	2.065	5.68	20.81
0.75 (0.595)	2.768	7.61	28.42
1.00 (0.500)	4.062	11.16	39.58
1.25 (0.420)	2.292	6.30	45.88
1.50 (0.354)	4.396	12.08	57.96
1.75 (0.297)	3.216	8.84	66.80
2.00 (0.250)	6.466	17.77	84.57
2.25 (0.210)	2.862	7.87	92.44
2.50 (0.177)	1.237	3.40	95.84
2.75 (0.149)	0.890	2.45	98.29
3.00 (0.125)	0.301	0.83	99.11
3.25 (0.105)	0.178	0.49	99.60
3.50 (0.088)	0.053	0.15	99.75
3.75 (0.074)	0.027	0.07	99.82
4.00 (0.063)	0.005	0.01	99.84
4.25 (0.053)	0.018	0.05	99.89
4.50 (0.044)	0.015	0.04	99.93
4.75 (0.037)	0.026	0.07	100.00

TOTAL WEIGHT OF SAMPLE IS 36.382 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.205 (0.434)	0.828 (0.563)	-0.199	0.886

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.140 (0.454)	0.852 (0.554)	-0.229	0.557

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
1.228 (0.427)	0.828 (0.563)	-0.168	2.688

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-79 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.571	1.71	1.71
-0.25 (1.189)	0.454	1.36	3.07
0.00 (1.000)	0.808	2.42	5.50
0.25 (0.841)	1.216	3.65	9.14
0.50 (0.707)	1.374	4.12	13.26
0.75 (0.595)	2.128	6.38	19.64
1.00 (0.500)	3.951	11.85	31.49
1.25 (0.420)	3.258	9.77	41.26
1.50 (0.354)	6.650	19.94	61.20
1.75 (0.297)	3.895	11.68	72.88
2.00 (0.250)	5.938	17.80	90.68
2.25 (0.210)	1.706	5.12	95.80
2.50 (0.177)	0.529	1.59	97.38
2.75 (0.149)	0.381	1.14	98.52
3.00 (0.125)	0.150	0.45	98.97
3.25 (0.105)	0.107	0.32	99.30
3.50 (0.088)	0.061	0.18	99.48
3.75 (0.074)	0.038	0.11	99.59
4.00 (0.063)	0.022	0.07	99.66
4.25 (0.053)	0.035	0.10	99.76
4.50 (0.044)	0.032	0.10	99.86
4.75 (0.037)	0.047	0.14	100.00

TOTAL WEIGHT OF SAMPLE IS 33.351 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.291 (0.409)	0.667 (0.630)	-0.203	1.011

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.257 (0.418)	0.649 (0.638)	-0.158	0.742

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
1.280 (0.412)	0.713 (0.610)	-0.140	4.408

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/31/2006