

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

SAMPLE: W-78 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.863	3.38	3.38
0.25 (0.841)	0.607	2.38	5.75
0.50 (0.707)	0.563	2.20	7.96
0.75 (0.595)	0.779	3.05	11.01
1.00 (0.500)	1.228	4.81	15.81
1.25 (0.420)	0.956	3.74	19.55
1.50 (0.354)	1.496	5.86	25.41
1.75 (0.297)	1.241	4.86	30.27
2.00 (0.250)	2.305	9.02	39.29
2.25 (0.210)	2.571	10.06	49.35
2.50 (0.177)	1.823	7.14	56.49
2.75 (0.149)	3.542	13.86	70.35
3.00 (0.125)	2.871	11.24	81.59
3.25 (0.105)	2.383	9.33	90.92
3.50 (0.088)	0.851	3.33	94.25
3.75 (0.074)	0.459	1.80	96.04
4.00 (0.063)	0.231	0.90	96.95
4.25 (0.053)	0.280	1.10	98.04
4.50 (0.044)	0.175	0.68	98.73
4.75 (0.037)	0.207	0.81	99.54
5.00 (0.031)	0.074	0.29	99.83
5.25 (0.026)	0.044	0.17	100.00

TOTAL WEIGHT OF SAMPLE IS 25.549 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.117 (0.231)	1.033 (0.489)	-0.226	1.027

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.039 (0.243)	1.026 (0.491)	-0.228	0.673

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
2.149 (0.226)	1.023 (0.492)	-0.282	2.897

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/31/2006

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

SAMPLE: W-78 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.428	1.71	1.71
-0.25 (1.189)	0.388	1.55	3.27
0.00 (1.000)	0.673	2.69	5.96
0.25 (0.841)	1.278	5.11	11.07
0.50 (0.707)	1.308	5.23	16.31
0.75 (0.595)	1.692	6.77	23.08
1.00 (0.500)	2.521	10.09	33.16
1.25 (0.420)	1.630	6.52	39.68
1.50 (0.354)	2.426	9.71	49.39
1.75 (0.297)	1.454	5.82	55.21
2.00 (0.250)	2.498	10.00	65.20
2.25 (0.210)	1.680	6.72	71.93
2.50 (0.177)	3.735	14.94	86.87
2.75 (0.149)	0.974	3.90	90.77
3.00 (0.125)	0.608	2.43	93.20
3.25 (0.105)	0.482	1.93	95.13
3.50 (0.088)	0.281	1.12	96.25
3.75 (0.074)	0.202	0.81	97.06
4.00 (0.063)	0.148	0.59	97.66
4.25 (0.053)	0.153	0.61	98.27
4.50 (0.044)	0.113	0.45	98.72
4.75 (0.037)	0.320	1.28	100.00

TOTAL WEIGHT OF SAMPLE IS 24.992 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.488 (0.357)	0.995 (0.502)	-0.015	0.905

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.469 (0.361)	0.983 (0.506)	-0.058	0.689

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
1.550 (0.341)	1.040 (0.486)	0.300	3.134

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-78 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.898	3.25	3.25
-0.25 (1.189)	0.599	2.17	5.42
0.00 (1.000)	0.699	2.53	7.96
0.25 (0.841)	1.314	4.76	12.72
0.50 (0.707)	1.053	3.82	16.53
0.75 (0.595)	1.201	4.35	20.88
1.00 (0.500)	1.731	6.27	27.16
1.25 (0.420)	1.289	4.67	31.83
1.50 (0.354)	1.970	7.14	38.96
1.75 (0.297)	1.239	4.49	43.45
2.00 (0.250)	2.335	8.46	51.91
2.25 (0.210)	1.974	7.15	59.07
2.50 (0.177)	1.141	4.13	63.20
2.75 (0.149)	1.890	6.85	70.05
3.00 (0.125)	1.892	6.86	76.90
3.25 (0.105)	2.300	8.33	85.24
3.50 (0.088)	1.651	5.98	91.22
3.75 (0.074)	0.935	3.39	94.61
4.00 (0.063)	0.551	2.00	96.60
4.25 (0.053)	0.418	1.51	98.12
4.50 (0.044)	0.269	0.97	99.09
4.75 (0.037)	0.251	0.91	100.00

TOTAL WEIGHT OF SAMPLE IS 27.6 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.874 (0.273)	1.308 (0.404)	-0.085	0.833

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.839 (0.280)	1.374 (0.386)	-0.076	0.491

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
1.890 (0.270)	1.265 (0.416)	-0.131	2.187

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: W-78 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.547	1.85	1.85
-0.25 (1.189)	0.439	1.49	3.34
0.00 (1.000)	0.756	2.56	5.90
0.25 (0.841)	1.152	3.90	9.81
0.50 (0.707)	1.268	4.30	14.11
0.75 (0.595)	1.463	4.96	19.07
1.00 (0.500)	2.269	7.69	26.76
1.25 (0.420)	1.483	5.03	31.78
1.50 (0.354)	2.705	9.17	40.95
1.75 (0.297)	1.864	6.32	47.27
2.00 (0.250)	3.320	11.25	58.52
2.25 (0.210)	2.684	9.10	67.62
2.50 (0.177)	1.475	5.00	72.62
2.75 (0.149)	2.054	6.96	79.58
3.00 (0.125)	1.645	5.58	85.15
3.25 (0.105)	1.294	4.39	89.54
3.50 (0.088)	0.729	2.47	92.01
3.75 (0.074)	0.472	1.60	93.61
4.00 (0.063)	0.399	1.35	94.96
4.25 (0.053)	0.334	1.13	96.10
4.50 (0.044)	0.206	0.70	96.79
4.75 (0.037)	0.946	3.21	100.00

TOTAL WEIGHT OF SAMPLE IS 29.504 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.785 (0.290)	1.209 (0.433)	0.020	1.022

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.772 (0.293)	1.176 (0.442)	-0.033	0.741

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.807 (0.286)	1.183 (0.441)	0.255	2.797

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-78 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.273	1.84	1.84
-0.25 (1.189)	0.408	2.75	4.59
0.00 (1.000)	0.584	3.94	8.54
0.25 (0.841)	0.812	5.48	14.01
0.50 (0.707)	0.695	4.69	18.70
0.75 (0.595)	0.777	5.24	23.95
1.00 (0.500)	0.928	6.26	30.21
1.25 (0.420)	0.578	3.90	34.11
1.50 (0.354)	0.840	5.67	39.77
1.75 (0.297)	0.632	4.26	44.04
2.00 (0.250)	1.576	10.63	54.67
2.25 (0.210)	1.638	11.05	65.72
2.50 (0.177)	0.987	6.66	72.38
2.75 (0.149)	1.407	9.49	81.88
3.00 (0.125)	1.043	7.04	88.91
3.25 (0.105)	0.810	5.47	94.38
3.50 (0.088)	0.337	2.27	96.65
3.75 (0.074)	0.145	0.98	97.63
4.00 (0.063)	0.079	0.53	98.16
4.25 (0.053)	0.087	0.59	98.75
4.50 (0.044)	0.059	0.40	99.15
4.75 (0.037)	0.126	0.85	100.00

TOTAL WEIGHT OF SAMPLE IS 14.821 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.690 (0.310)	1.154 (0.449)	-0.218	0.817

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.591 (0.332)	1.235 (0.425)	-0.243	0.434

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
1.705 (0.307)	1.137 (0.455)	-0.127	2.379

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-78 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.311	2.11	2.11
0.25 (0.841)	0.245	1.66	3.76
0.50 (0.707)	0.226	1.53	5.29
0.75 (0.595)	0.313	2.12	7.41
1.00 (0.500)	0.482	3.26	10.67
1.25 (0.420)	0.419	2.84	13.51
1.50 (0.354)	0.755	5.11	18.62
1.75 (0.297)	0.690	4.67	23.29
2.00 (0.250)	2.235	15.13	38.42
2.25 (0.210)	2.736	18.52	56.94
2.50 (0.177)	1.458	9.87	66.81
2.75 (0.149)	2.080	14.08	80.89
3.00 (0.125)	1.224	8.28	89.17
3.25 (0.105)	0.786	5.32	94.49
3.50 (0.088)	0.283	1.92	96.41
3.75 (0.074)	0.150	1.02	97.42
4.00 (0.063)	0.039	0.26	97.69
4.25 (0.053)	0.112	0.76	98.44
4.50 (0.044)	0.051	0.35	98.79
4.75 (0.037)	0.057	0.39	99.17
5.00 (0.031)	0.018	0.12	99.30
5.25 (0.026)	0.104	0.70	100.00

TOTAL WEIGHT OF SAMPLE IS 14.774 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.124 (0.229)	0.802 (0.574)	-0.128	1.354

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.108 (0.232)	0.736 (0.600)	-0.066	0.946

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.129 (0.229)	0.862 (0.550)	-0.136	4.339

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: W-78 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.446	2.43	2.43
0.25 (0.841)	0.370	2.02	4.45
0.50 (0.707)	0.341	1.86	6.31
0.75 (0.595)	0.438	2.39	8.69
1.00 (0.500)	0.709	3.86	12.56
1.25 (0.420)	0.561	3.06	15.61
1.50 (0.354)	1.007	5.49	21.10
1.75 (0.297)	0.954	5.20	26.30
2.00 (0.250)	2.918	15.90	42.20
2.25 (0.210)	3.362	18.32	60.53
2.50 (0.177)	1.760	9.59	70.12
2.75 (0.149)	2.222	12.11	82.23
3.00 (0.125)	1.265	6.89	89.12
3.25 (0.105)	0.829	4.52	93.64
3.50 (0.088)	0.330	1.80	95.44
3.75 (0.074)	0.189	1.03	96.47
4.00 (0.063)	0.061	0.33	96.80
4.25 (0.053)	0.169	0.92	97.72
4.50 (0.044)	0.083	0.45	98.17
4.75 (0.037)	0.102	0.56	98.73
5.00 (0.031)	0.035	0.19	98.92
5.25 (0.026)	0.198	1.08	100.00

TOTAL WEIGHT OF SAMPLE IS 18.349 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.063 (0.239)	0.859 (0.551)	-0.114	1.398

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.041 (0.243)	0.773 (0.585)	-0.085	1.014

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.081 (0.236)	0.919 (0.529)	0.098	4.282

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: W-78 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.298	1.72	1.72
0.25 (0.841)	0.288	1.67	3.39
0.50 (0.707)	0.249	1.44	4.83
0.75 (0.595)	0.347	2.01	6.84
1.00 (0.500)	0.631	3.65	10.49
1.25 (0.420)	0.530	3.07	13.56
1.50 (0.354)	1.017	5.88	19.44
1.75 (0.297)	1.213	7.02	26.46
2.00 (0.250)	3.064	17.73	44.18
2.25 (0.210)	3.213	18.59	62.77
2.50 (0.177)	1.649	9.54	72.31
2.75 (0.149)	2.042	11.81	84.12
3.00 (0.125)	1.151	6.66	90.78
3.25 (0.105)	0.739	4.28	95.06
3.50 (0.088)	0.280	1.62	96.68
3.75 (0.074)	0.147	0.85	97.53
4.00 (0.063)	0.035	0.20	97.73
4.25 (0.053)	0.133	0.77	98.50
4.50 (0.044)	0.060	0.35	98.85
4.75 (0.037)	0.065	0.38	99.22
5.00 (0.031)	0.028	0.16	99.39
5.25 (0.026)	0.106	0.61	100.00

TOTAL WEIGHT OF SAMPLE IS 17.285 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.060 (0.240)	0.761 (0.590)	-0.091	1.301

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.051 (0.241)	0.697 (0.617)	-0.040	0.956

GRANULOMETRIC DESCRIPTION:

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

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.065 (0.239)	0.834 (0.561)	0.050	4.563

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/31/2006