

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

SAMPLE: W-45 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.389	1.95	1.95
-0.25 (1.189)	0.288	1.45	3.40
0.00 (1.000)	0.477	2.40	5.80
0.25 (0.841)	0.931	4.68	10.48
0.50 (0.707)	1.182	5.94	16.42
0.75 (0.595)	1.767	8.88	25.30
1.00 (0.500)	3.093	15.54	40.84
1.25 (0.420)	2.491	12.52	53.36
1.50 (0.354)	3.240	16.28	69.64
1.75 (0.297)	1.714	8.61	78.25
2.00 (0.250)	2.331	11.71	89.96
2.25 (0.210)	1.061	5.33	95.30
2.50 (0.177)	0.381	1.91	97.21
2.75 (0.149)	0.247	1.24	98.45
3.00 (0.125)	0.173	0.87	99.32
3.25 (0.105)	0.078	0.39	99.71
3.50 (0.088)	0.022	0.11	99.82
3.75 (0.074)	0.012	0.06	99.88
4.00 (0.063)	0.010	0.05	99.93
4.25 (0.053)	0.004	0.02	99.95
4.50 (0.044)	0.004	0.02	99.97
4.75 (0.037)	0.005	0.03	100.00

TOTAL WEIGHT OF SAMPLE IS 19.9 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.179 (0.442)	0.699 (0.616)	-0.050	1.040

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.178 (0.442)	0.695 (0.618)	-0.008	0.668

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; VERY PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.163 (0.447)	0.715 (0.609)	-0.040	3.405

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/13/2006

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

SAMPLE: W-45 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.076	0.44	0.44
0.25 (0.841)	0.181	1.05	1.49
0.50 (0.707)	0.380	2.20	3.68
0.75 (0.595)	0.953	5.51	9.20
1.00 (0.500)	2.510	14.52	23.72
1.25 (0.420)	2.329	13.47	37.19
1.50 (0.354)	3.280	18.97	56.16
1.75 (0.297)	1.887	10.92	67.08
2.00 (0.250)	2.635	15.24	82.32
2.25 (0.210)	1.257	7.27	89.59
2.50 (0.177)	0.549	3.18	92.77
2.75 (0.149)	0.375	2.17	94.94
3.00 (0.125)	0.325	1.88	96.82
3.25 (0.105)	0.189	1.09	97.91
3.50 (0.088)	0.082	0.47	98.39
3.75 (0.074)	0.074	0.43	98.81
4.00 (0.063)	0.046	0.27	99.08
4.25 (0.053)	0.047	0.27	99.35
4.50 (0.044)	0.024	0.14	99.49
4.75 (0.037)	0.036	0.21	99.70
5.00 (0.031)	0.014	0.08	99.78
5.25 (0.026)	0.038	0.22	100.00

TOTAL WEIGHT OF SAMPLE IS 17.287 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.448 (0.367)	0.631 (0.646)	0.146	1.052

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.462 (0.363)	0.595 (0.662)	0.073	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
1.505 (0.352)	0.698 (0.616)	1.171	6.317

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; FINE SKEWED; LEPTOKURITIC

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

SAMPLE: W-45 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.014	0.09	0.09
0.25 (0.841)	0.037	0.24	0.33
0.50 (0.707)	0.093	0.61	0.94
0.75 (0.595)	0.218	1.42	2.36
1.00 (0.500)	0.608	3.97	6.33
1.25 (0.420)	0.663	4.32	10.65
1.50 (0.354)	1.383	9.02	19.67
1.75 (0.297)	1.232	8.04	27.71
2.00 (0.250)	2.976	19.41	47.12
2.25 (0.210)	2.773	18.09	65.21
2.50 (0.177)	1.569	10.23	75.44
2.75 (0.149)	1.411	9.20	84.65
3.00 (0.125)	1.179	7.69	92.34
3.25 (0.105)	0.515	3.36	95.69
3.50 (0.088)	0.164	1.07	96.76
3.75 (0.074)	0.119	0.78	97.54
4.00 (0.063)	0.073	0.48	98.02
4.25 (0.053)	0.080	0.52	98.54
4.50 (0.044)	0.042	0.27	98.81
4.75 (0.037)	0.058	0.38	99.19
5.00 (0.031)	0.028	0.18	99.37
5.25 (0.026)	0.096	0.63	100.00

TOTAL WEIGHT OF SAMPLE IS 15.331 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.057 (0.240)	0.679 (0.624)	0.027	1.136

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.065 (0.239)	0.667 (0.630)	0.038	0.710

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
2.083 (0.236)	0.731 (0.602)	0.706	5.220

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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

SAMPLE: W-45 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.148	0.66	0.66
0.25 (0.841)	0.328	1.46	2.12
0.50 (0.707)	0.520	2.31	4.43
0.75 (0.595)	0.836	3.72	8.14
1.00 (0.500)	1.459	6.48	14.63
1.25 (0.420)	1.199	5.33	19.95
1.50 (0.354)	1.790	7.96	27.91
1.75 (0.297)	1.281	5.69	33.60
2.00 (0.250)	2.455	10.91	44.51
2.25 (0.210)	2.514	11.17	55.69
2.50 (0.177)	1.824	8.11	63.79
2.75 (0.149)	2.227	9.90	73.69
3.00 (0.125)	2.490	11.07	84.76
3.25 (0.105)	1.352	6.01	90.76
3.50 (0.088)	0.414	1.84	92.60
3.75 (0.074)	0.316	1.40	94.01
4.00 (0.063)	0.197	0.88	94.88
4.25 (0.053)	0.224	1.00	95.88
4.50 (0.044)	0.159	0.71	96.59
4.75 (0.037)	0.202	0.90	97.48
5.00 (0.031)	0.118	0.52	98.01
5.25 (0.026)	0.448	1.99	100.00

TOTAL WEIGHT OF SAMPLE IS 22.501 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.057 (0.240)	1.008 (0.497)	-0.006	1.043

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.024 (0.246)	0.959 (0.514)	-0.103	0.819

GRANULOMETRIC DESCRIPTION:

FINE 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
2.140 (0.227)	1.028 (0.491)	0.450	3.516

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; FINE SKEWED; MESOKURITIC

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SAMPLE: W-45 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.177	0.77	0.77
0.25 (0.841)	0.479	2.09	2.86
0.50 (0.707)	0.763	3.33	6.19
0.75 (0.595)	1.286	5.61	11.79
1.00 (0.500)	2.197	9.58	21.37
1.25 (0.420)	1.842	8.03	29.40
1.50 (0.354)	2.690	11.73	41.12
1.75 (0.297)	1.644	7.17	48.29
2.00 (0.250)	2.767	12.06	60.35
2.25 (0.210)	2.020	8.81	69.16
2.50 (0.177)	1.242	5.41	74.57
2.75 (0.149)	1.430	6.23	80.80
3.00 (0.125)	1.745	7.61	88.41
3.25 (0.105)	0.958	4.18	92.59
3.50 (0.088)	0.354	1.54	94.13
3.75 (0.074)	0.274	1.19	95.32
4.00 (0.063)	0.155	0.68	96.00
4.25 (0.053)	0.203	0.88	96.88
4.50 (0.044)	0.117	0.51	97.39
4.75 (0.037)	0.159	0.69	98.09
5.00 (0.031)	0.063	0.27	98.36
5.25 (0.026)	0.376	1.64	100.00

TOTAL WEIGHT OF SAMPLE IS 22.941 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.833 (0.281)	0.994 (0.502)	0.116	0.955

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.857 (0.276)	0.998 (0.501)	0.072	0.640

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
1.865 (0.274)	1.026 (0.491)	0.753	3.752

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-45 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.097	0.41	0.41
-0.50 (1.414)	0.164	0.69	1.10
-0.25 (1.189)	0.237	1.00	2.10
0.00 (1.000)	0.520	2.20	4.30
0.25 (0.841)	0.888	3.75	8.05
0.50 (0.707)	1.138	4.81	12.85
0.75 (0.595)	1.794	7.58	20.43
1.00 (0.500)	2.701	11.41	31.84
1.25 (0.420)	2.115	8.93	40.77
1.50 (0.354)	3.109	13.13	53.90
1.75 (0.297)	1.677	7.08	60.98
2.00 (0.250)	2.731	11.53	72.51
2.25 (0.210)	1.652	6.98	79.49
2.50 (0.177)	0.906	3.83	83.32
2.75 (0.149)	0.861	3.64	86.95
3.00 (0.125)	0.926	3.91	90.86
3.25 (0.105)	0.584	2.47	93.33
3.50 (0.088)	0.329	1.39	94.72
3.75 (0.074)	0.285	1.20	95.92
4.00 (0.063)	0.163	0.69	96.61
4.25 (0.053)	0.213	0.90	97.51
4.50 (0.044)	0.590	2.49	100.00

TOTAL WEIGHT OF SAMPLE IS 23.68 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.526 (0.347)	1.018 (0.494)	0.184	1.162

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.575 (0.336)	0.972 (0.510)	0.154	0.807

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
1.555 (0.340)	1.031 (0.489)	0.599	3.394

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; FINE SKEWED; MESOKURITIC

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SAMPLE: W-45 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.158	0.72	0.72
-0.50 (1.414)	0.151	0.69	1.41
-0.25 (1.189)	0.140	0.64	2.05
0.00 (1.000)	0.316	1.44	3.49
0.25 (0.841)	0.647	2.95	6.44
0.50 (0.707)	0.829	3.78	10.22
0.75 (0.595)	1.384	6.31	16.53
1.00 (0.500)	2.289	10.44	26.97
1.25 (0.420)	1.984	9.05	36.01
1.50 (0.354)	3.152	14.37	50.39
1.75 (0.297)	1.823	8.31	58.70
2.00 (0.250)	3.150	14.36	73.06
2.25 (0.210)	1.928	8.79	81.85
2.50 (0.177)	0.930	4.24	86.09
2.75 (0.149)	0.765	3.49	89.58
3.00 (0.125)	0.742	3.38	92.96
3.25 (0.105)	0.396	1.81	94.77
3.50 (0.088)	0.219	1.00	95.77
3.75 (0.074)	0.191	0.87	96.64
4.00 (0.063)	0.122	0.56	97.20
4.25 (0.053)	0.152	0.69	97.89
4.50 (0.044)	0.463	2.11	100.00

TOTAL WEIGHT OF SAMPLE IS 21.931 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.533 (0.346)	0.894 (0.538)	0.107	1.182

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.553 (0.341)	0.824 (0.565)	0.072	0.930

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.578 (0.335)	0.952 (0.517)	0.511	3.889

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-45 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.123	0.55	0.55
0.25 (0.841)	0.198	0.89	1.45
0.50 (0.707)	0.336	1.51	2.96
0.75 (0.595)	0.756	3.41	6.37
1.00 (0.500)	2.114	9.52	15.89
1.25 (0.420)	1.994	8.98	24.87
1.50 (0.354)	3.163	14.25	39.12
1.75 (0.297)	1.782	8.03	47.15
2.00 (0.250)	2.964	13.35	60.50
2.25 (0.210)	2.139	9.64	70.13
2.50 (0.177)	1.264	5.69	75.83
2.75 (0.149)	1.278	5.76	81.58
3.00 (0.125)	1.190	5.36	86.95
3.25 (0.105)	0.694	3.13	90.07
3.50 (0.088)	0.375	1.69	91.76
3.75 (0.074)	0.354	1.59	93.36
4.00 (0.063)	0.217	0.98	94.33
4.25 (0.053)	0.260	1.17	95.50
4.50 (0.044)	0.161	0.73	96.23
4.75 (0.037)	0.210	0.95	97.18
5.00 (0.031)	0.112	0.50	97.68
5.25 (0.026)	0.515	2.32	100.00

TOTAL WEIGHT OF SAMPLE IS 22.199 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.890 (0.270)	0.994 (0.502)	0.239	1.182

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.933 (0.262)	0.930 (0.525)	0.139	0.878

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
1.951 (0.259)	1.032 (0.489)	1.035	4.184

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; FINE SKEWED; LEPTOKURITIC

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