

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

SAMPLE: W-46 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.137	0.68	0.68
0.25 (0.841)	0.323	1.61	2.29
0.50 (0.707)	0.460	2.29	4.58
0.75 (0.595)	0.827	4.11	8.69
1.00 (0.500)	1.888	9.39	18.08
1.25 (0.420)	1.986	9.88	27.96
1.50 (0.354)	3.859	19.19	47.15
1.75 (0.297)	2.500	12.43	59.58
2.00 (0.250)	3.874	19.27	78.85
2.25 (0.210)	1.787	8.89	87.74
2.50 (0.177)	0.732	3.64	91.38
2.75 (0.149)	0.551	2.74	94.12
3.00 (0.125)	0.435	2.16	96.28
3.25 (0.105)	0.245	1.22	97.50
3.50 (0.088)	0.118	0.59	98.09
3.75 (0.074)	0.093	0.46	98.55
4.00 (0.063)	0.070	0.35	98.90
4.25 (0.053)	0.058	0.29	99.18
4.50 (0.044)	0.037	0.18	99.37
4.75 (0.037)	0.051	0.25	99.62
5.00 (0.031)	0.027	0.13	99.76
5.25 (0.026)	0.049	0.24	100.00

TOTAL WEIGHT OF SAMPLE IS 20.107 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.549 (0.342)	0.653 (0.636)	0.046	1.230

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.545 (0.343)	0.600 (0.660)	-0.021	0.938

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.604 (0.329)	0.721 (0.607)	0.940	6.022

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/13/2006

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: W-46 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.693	3.34	3.34
0.00 (1.000)	0.511	2.46	5.80
0.25 (0.841)	1.065	5.13	10.93
0.50 (0.707)	0.998	4.81	15.74
0.75 (0.595)	1.189	5.73	21.47
1.00 (0.500)	2.103	10.13	31.60
1.25 (0.420)	1.869	9.00	40.60
1.50 (0.354)	3.508	16.90	57.50
1.75 (0.297)	2.133	10.28	67.78
2.00 (0.250)	3.455	16.64	84.42
2.25 (0.210)	1.701	8.19	92.61
2.50 (0.177)	0.623	3.00	95.62
2.75 (0.149)	0.454	2.19	97.80
3.00 (0.125)	0.312	1.50	99.31
3.25 (0.105)	0.106	0.51	99.82
3.50 (0.088)	0.029	0.14	99.96
3.75 (0.074)	0.005	0.02	99.98
4.00 (0.063)	0.004	0.02	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
5.00 (0.031)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 20.758 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.298 (0.407)	0.754 (0.593)	-0.173	1.015

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.253 (0.420)	0.741 (0.598)	-0.184	0.707

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
1.314 (0.402)	0.749 (0.595)	-0.289	2.776

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-46 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.594	2.83	2.83
0.00 (1.000)	0.413	1.97	4.80
0.25 (0.841)	0.910	4.33	9.13
0.50 (0.707)	0.972	4.63	13.76
0.75 (0.595)	1.074	5.12	18.87
1.00 (0.500)	1.836	8.74	27.62
1.25 (0.420)	1.709	8.14	35.76
1.50 (0.354)	3.008	14.33	50.08
1.75 (0.297)	1.913	9.11	59.19
2.00 (0.250)	3.470	16.53	75.72
2.25 (0.210)	2.105	10.03	85.75
2.50 (0.177)	0.961	4.58	90.32
2.75 (0.149)	0.880	4.19	94.51
3.00 (0.125)	0.745	3.55	98.06
3.25 (0.105)	0.298	1.42	99.48
3.50 (0.088)	0.066	0.31	99.80
3.75 (0.074)	0.016	0.08	99.87
4.00 (0.063)	0.009	0.04	99.91
4.25 (0.053)	0.002	0.01	99.92
4.50 (0.044)	0.005	0.02	99.95
4.75 (0.037)	0.004	0.02	99.97
5.00 (0.031)	0.007	0.03	100.00

TOTAL WEIGHT OF SAMPLE IS 20.997 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.438 (0.369)	0.819 (0.567)	-0.093	1.068

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.408 (0.377)	0.798 (0.575)	-0.113	0.736

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
1.462 (0.363)	0.812 (0.570)	-0.182	2.828

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: W-46 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.439	1.88	1.88
-0.25 (1.189)	0.281	1.20	3.09
0.00 (1.000)	0.372	1.59	4.68
0.25 (0.841)	0.887	3.80	8.49
0.50 (0.707)	0.853	3.66	12.14
0.75 (0.595)	1.005	4.31	16.45
1.00 (0.500)	1.674	7.18	23.63
1.25 (0.420)	1.458	6.25	29.88
1.50 (0.354)	2.854	12.24	42.12
1.75 (0.297)	2.118	9.08	51.20
2.00 (0.250)	4.521	19.38	70.58
2.25 (0.210)	3.112	13.34	83.93
2.50 (0.177)	1.236	5.30	89.23
2.75 (0.149)	1.135	4.87	94.09
3.00 (0.125)	0.846	3.63	97.72
3.25 (0.105)	0.348	1.49	99.21
3.50 (0.088)	0.099	0.42	99.64
3.75 (0.074)	0.031	0.13	99.77
4.00 (0.063)	0.017	0.07	99.84
4.25 (0.053)	0.013	0.06	99.90
4.50 (0.044)	0.010	0.04	99.94
4.75 (0.037)	0.014	0.06	100.00

TOTAL WEIGHT OF SAMPLE IS 23.323 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.565 (0.338)	0.805 (0.572)	-0.257	1.113

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.489 (0.356)	0.765 (0.589)	-0.299	0.825

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
1.557 (0.340)	0.828 (0.563)	-0.442	3.197

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-46 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.271	1.25	1.25
0.25 (0.841)	0.120	0.56	1.81
0.50 (0.707)	0.164	0.76	2.57
0.75 (0.595)	0.186	0.86	3.43
1.00 (0.500)	0.415	1.92	5.35
1.25 (0.420)	0.479	2.22	7.57
1.50 (0.354)	1.313	6.08	13.64
1.75 (0.297)	1.490	6.90	20.54
2.00 (0.250)	4.535	20.99	41.53
2.25 (0.210)	4.418	20.45	61.98
2.50 (0.177)	2.473	11.45	73.43
2.75 (0.149)	2.380	11.02	84.44
3.00 (0.125)	2.078	9.62	94.06
3.25 (0.105)	0.930	4.30	98.37
3.50 (0.088)	0.202	0.93	99.30
3.75 (0.074)	0.070	0.32	99.63
4.00 (0.063)	0.029	0.13	99.76
4.25 (0.053)	0.017	0.08	99.84
4.50 (0.044)	0.007	0.03	99.87
4.75 (0.037)	0.013	0.06	99.93
5.00 (0.031)	0.010	0.05	99.98
5.25 (0.026)	0.005	0.02	100.00

TOTAL WEIGHT OF SAMPLE IS 21.605 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.143 (0.226)	0.607 (0.657)	0.004	1.175

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.163 (0.223)	0.577 (0.670)	0.102	0.819

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
2.104 (0.233)	0.645 (0.639)	-0.586	4.763

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: W-46 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.593	2.93	2.93
0.25 (0.841)	0.329	1.63	4.56
0.50 (0.707)	0.402	1.99	6.55
0.75 (0.595)	0.478	2.36	8.91
1.00 (0.500)	0.739	3.65	12.56
1.25 (0.420)	0.726	3.59	16.15
1.50 (0.354)	1.416	7.00	23.15
1.75 (0.297)	1.220	6.03	29.18
2.00 (0.250)	3.110	15.37	44.56
2.25 (0.210)	3.109	15.37	59.93
2.50 (0.177)	1.982	9.80	69.73
2.75 (0.149)	2.036	10.07	79.79
3.00 (0.125)	2.221	10.98	90.77
3.25 (0.105)	1.164	5.75	96.52
3.50 (0.088)	0.336	1.66	98.19
3.75 (0.074)	0.145	0.72	98.90
4.00 (0.063)	0.058	0.29	99.19
4.25 (0.053)	0.055	0.27	99.46
4.50 (0.044)	0.027	0.13	99.59
4.75 (0.037)	0.037	0.18	99.78
5.00 (0.031)	0.018	0.09	99.87
5.25 (0.026)	0.027	0.13	100.00

TOTAL WEIGHT OF SAMPLE IS 20.228 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.058 (0.240)	0.838 (0.560)	-0.148	1.119

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.043 (0.243)	0.803 (0.573)	-0.057	0.792

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
2.024 (0.246)	0.851 (0.555)	-0.434	3.491

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-46 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.324	1.48	1.48
-0.50 (1.414)	0.547	2.50	3.97
-0.25 (1.189)	0.803	3.66	7.64
0.00 (1.000)	0.952	4.34	11.98
0.25 (0.841)	1.545	7.05	19.03
0.50 (0.707)	1.151	5.25	24.28
0.75 (0.595)	1.290	5.89	30.17
1.00 (0.500)	1.706	7.78	37.95
1.25 (0.420)	1.157	5.28	43.23
1.50 (0.354)	1.761	8.03	51.27
1.75 (0.297)	1.258	5.74	57.01
2.00 (0.250)	2.286	10.43	67.44
2.25 (0.210)	1.965	8.97	76.40
2.50 (0.177)	1.219	5.56	81.96
2.75 (0.149)	1.453	6.63	88.59
3.00 (0.125)	1.477	6.74	95.33
3.25 (0.105)	0.679	3.10	98.43
3.50 (0.088)	0.017	0.08	98.51
3.75 (0.074)	0.097	0.44	98.95
4.00 (0.063)	0.092	0.42	99.37
4.25 (0.053)	0.079	0.36	99.73
4.50 (0.044)	0.059	0.27	100.00

TOTAL WEIGHT OF SAMPLE IS 21.917 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.393 (0.381)	1.126 (0.458)	-0.095	0.834

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.360 (0.390)	1.217 (0.430)	-0.083	0.404

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
1.393 (0.381)	1.092 (0.469)	-0.078	2.248

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-46 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.432	1.46	1.46
-0.50 (1.414)	0.607	2.05	3.52
-0.25 (1.189)	0.933	3.16	6.68
0.00 (1.000)	1.224	4.14	10.82
0.25 (0.841)	2.363	8.00	18.82
0.50 (0.707)	2.161	7.32	26.13
0.75 (0.595)	2.515	8.51	34.65
1.00 (0.500)	3.373	11.42	46.06
1.25 (0.420)	2.548	8.63	54.69
1.50 (0.354)	3.239	10.96	65.65
1.75 (0.297)	1.780	6.03	71.68
2.00 (0.250)	2.792	9.45	81.13
2.25 (0.210)	1.754	5.94	87.07
2.50 (0.177)	0.836	2.83	89.90
2.75 (0.149)	0.815	2.76	92.66
3.00 (0.125)	0.811	2.75	95.40
3.25 (0.105)	0.478	1.62	97.02
3.50 (0.088)	0.260	0.88	97.90
3.75 (0.074)	0.222	0.75	98.65
4.00 (0.063)	0.155	0.52	99.18
4.25 (0.053)	0.142	0.48	99.66
4.50 (0.044)	0.101	0.34	100.00

TOTAL WEIGHT OF SAMPLE IS 29.541 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.132 (0.456)	0.997 (0.501)	0.067	0.996

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.141 (0.453)	0.979 (0.507)	0.028	0.708

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
1.178 (0.442)	1.002 (0.499)	0.407	3.076

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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