

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

SAMPLE: W-42 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.424	2.22	2.22
-0.25 (1.189)	0.324	1.70	3.92
0.00 (1.000)	0.327	1.71	5.63
0.25 (0.841)	0.755	3.95	9.58
0.50 (0.707)	0.734	3.84	13.42
0.75 (0.595)	1.413	7.40	20.82
1.00 (0.500)	3.017	15.79	36.61
1.25 (0.420)	2.629	13.76	50.37
1.50 (0.354)	3.741	19.58	69.96
1.75 (0.297)	1.893	9.91	79.87
2.00 (0.250)	2.329	12.19	92.06
2.25 (0.210)	0.900	4.71	96.77
2.50 (0.177)	0.287	1.50	98.27
2.75 (0.149)	0.149	0.78	99.05
3.00 (0.125)	0.103	0.54	99.59
3.25 (0.105)	0.045	0.24	99.83
3.50 (0.088)	0.013	0.07	99.90
3.75 (0.074)	0.010	0.05	99.95
4.00 (0.063)	0.005	0.03	99.97
4.25 (0.053)	0.005	0.03	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 19.103 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.222 (0.429)	0.652 (0.636)	-0.120	1.136

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.211 (0.432)	0.624 (0.649)	-0.052	0.802

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
1.181 (0.441)	0.671 (0.628)	-0.352	3.650

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 03/09/2006

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

SAMPLE: W-42 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.168	0.91	0.91
0.00 (1.000)	0.220	1.19	2.11
0.25 (0.841)	0.528	2.87	4.97
0.50 (0.707)	0.623	3.38	8.35
0.75 (0.595)	1.091	5.92	14.27
1.00 (0.500)	2.731	14.82	29.09
1.25 (0.420)	2.731	14.82	43.92
1.50 (0.354)	4.150	22.52	66.44
1.75 (0.297)	1.974	10.71	77.15
2.00 (0.250)	2.618	14.21	91.36
2.25 (0.210)	1.008	5.47	96.83
2.50 (0.177)	0.290	1.57	98.40
2.75 (0.149)	0.148	0.80	99.21
3.00 (0.125)	0.097	0.53	99.73
3.25 (0.105)	0.031	0.17	99.90
3.50 (0.088)	0.011	0.06	99.96
3.75 (0.074)	0.003	0.02	99.98
4.00 (0.063)	0.002	0.01	99.99
4.25 (0.053)	0.001	0.01	99.99
4.50 (0.044)	0.001	0.01	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 18.426 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.322 (0.400)	0.563 (0.677)	-0.050	1.020

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.325 (0.399)	0.546 (0.685)	0.013	0.754

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
1.294 (0.408)	0.574 (0.672)	-0.170	3.544

GRANULOMETRIC DESCRIPTION:

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

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: W-42 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.307	1.32	1.32
0.25 (0.841)	0.414	1.78	3.10
0.50 (0.707)	0.577	2.48	5.58
0.75 (0.595)	1.042	4.48	10.07
1.00 (0.500)	2.648	11.39	21.46
1.25 (0.420)	2.819	12.13	33.59
1.50 (0.354)	5.117	22.02	55.61
1.75 (0.297)	2.933	12.62	68.23
2.00 (0.250)	4.453	19.16	87.38
2.25 (0.210)	1.825	7.85	95.24
2.50 (0.177)	0.524	2.25	97.49
2.75 (0.149)	0.292	1.26	98.75
3.00 (0.125)	0.180	0.77	99.52
3.25 (0.105)	0.066	0.28	99.81
3.50 (0.088)	0.023	0.10	99.91
3.75 (0.074)	0.010	0.04	99.95
4.00 (0.063)	0.005	0.02	99.97
4.25 (0.053)	0.007	0.03	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
5.25 (0.026)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 23.242 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.424 (0.373)	0.542 (0.687)	-0.070	0.964

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.418 (0.374)	0.538 (0.689)	-0.034	0.675

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
1.433 (0.370)	0.564 (0.676)	-0.136	3.603

GRANULOMETRIC DESCRIPTION:

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

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: W-42 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.101	0.44	0.44
0.25 (0.841)	0.219	0.94	1.38
0.50 (0.707)	0.355	1.53	2.91
0.75 (0.595)	0.796	3.43	6.35
1.00 (0.500)	2.177	9.39	15.74
1.25 (0.420)	2.577	11.12	26.86
1.50 (0.354)	4.689	20.23	47.09
1.75 (0.297)	2.969	12.81	59.91
2.00 (0.250)	5.071	21.88	81.79
2.25 (0.210)	2.623	11.32	93.10
2.50 (0.177)	0.767	3.31	96.41
2.75 (0.149)	0.461	1.99	98.40
3.00 (0.125)	0.249	1.07	99.48
3.25 (0.105)	0.077	0.33	99.81
3.50 (0.088)	0.026	0.11	99.92
3.75 (0.074)	0.010	0.04	99.97
4.00 (0.063)	0.004	0.02	99.98
4.25 (0.053)	0.004	0.02	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
5.25 (0.026)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 23.175 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.537 (0.345)	0.525 (0.695)	-0.048	0.999

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.527 (0.347)	0.522 (0.697)	-0.056	0.669

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
1.551 (0.341)	0.541 (0.687)	-0.084	3.439

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: W-42 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.060	0.25	0.25
0.25 (0.841)	0.160	0.67	0.93
0.50 (0.707)	0.211	0.89	1.81
0.75 (0.595)	0.384	1.62	3.43
1.00 (0.500)	1.007	4.24	7.67
1.25 (0.420)	1.204	5.07	12.74
1.50 (0.354)	2.894	12.18	24.91
1.75 (0.297)	2.678	11.27	36.19
2.00 (0.250)	6.557	27.60	63.78
2.25 (0.210)	4.775	20.10	83.88
2.50 (0.177)	1.803	7.59	91.47
2.75 (0.149)	1.186	4.99	96.46
3.00 (0.125)	0.590	2.48	98.94
3.25 (0.105)	0.185	0.78	99.72
3.50 (0.088)	0.018	0.08	99.79
3.75 (0.074)	0.018	0.08	99.87
4.00 (0.063)	0.006	0.03	99.89
4.25 (0.053)	0.009	0.04	99.93
4.50 (0.044)	0.002	0.01	99.94
4.75 (0.037)	0.000	0.00	99.94
5.00 (0.031)	0.011	0.05	99.99
5.25 (0.026)	0.003	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 23.761 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.815 (0.284)	0.512 (0.701)	-0.158	1.179

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.786 (0.290)	0.469 (0.723)	-0.191	0.958

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; WELL SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.821 (0.283)	0.539 (0.688)	-0.297	4.535

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: W-42 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.039	0.20	0.20
0.25 (0.841)	0.038	0.20	0.40
0.50 (0.707)	0.101	0.52	0.92
0.75 (0.595)	0.191	0.99	1.92
1.00 (0.500)	0.589	3.06	4.97
1.25 (0.420)	0.650	3.37	8.35
1.50 (0.354)	1.611	8.36	16.71
1.75 (0.297)	1.697	8.81	25.52
2.00 (0.250)	4.742	24.61	50.13
2.25 (0.210)	4.413	22.91	73.04
2.50 (0.177)	2.006	10.41	83.45
2.75 (0.149)	1.392	7.23	90.68
3.00 (0.125)	0.846	4.39	95.07
3.25 (0.105)	0.367	1.91	96.97
3.50 (0.088)	0.127	0.66	97.63
3.75 (0.074)	0.106	0.55	98.18
4.00 (0.063)	0.061	0.32	98.50
4.25 (0.053)	0.074	0.38	98.88
4.50 (0.044)	0.046	0.24	99.12
4.75 (0.037)	0.047	0.24	99.37
5.00 (0.031)	0.022	0.11	99.48
5.25 (0.026)	0.100	0.52	100.00

TOTAL WEIGHT OF SAMPLE IS 19.265 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.999 (0.250)	0.562 (0.677)	0.000	1.455

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.999 (0.250)	0.520 (0.697)	0.000	0.917

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
2.026 (0.245)	0.641 (0.641)	0.892	7.136

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; FINE SKEWED; LEPTOKURITIC

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: W-42 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.013	0.07	0.07
0.25 (0.841)	0.014	0.08	0.15
0.50 (0.707)	0.058	0.32	0.47
0.75 (0.595)	0.115	0.64	1.11
1.00 (0.500)	0.421	2.35	3.46
1.25 (0.420)	0.588	3.28	6.74
1.50 (0.354)	1.599	8.91	15.64
1.75 (0.297)	1.588	8.85	24.49
2.00 (0.250)	3.555	19.80	44.29
2.25 (0.210)	3.012	16.78	61.07
2.50 (0.177)	1.805	10.06	71.13
2.75 (0.149)	1.679	9.35	80.48
3.00 (0.125)	1.372	7.64	88.12
3.25 (0.105)	0.799	4.45	92.57
3.50 (0.088)	0.326	1.82	94.39
3.75 (0.074)	0.248	1.38	95.77
4.00 (0.063)	0.112	0.62	96.40
4.25 (0.053)	0.155	0.86	97.26
4.50 (0.044)	0.087	0.48	97.74
4.75 (0.037)	0.092	0.51	98.26
5.00 (0.031)	0.039	0.22	98.47
5.25 (0.026)	0.274	1.53	100.00

TOTAL WEIGHT OF SAMPLE IS 17.951 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.153 (0.225)	0.716 (0.609)	0.188	1.206

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.188 (0.220)	0.678 (0.625)	0.151	0.840

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
2.205 (0.217)	0.787 (0.580)	1.097	5.461

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-42 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.050	0.18	0.18
0.25 (0.841)	0.088	0.31	0.49
0.50 (0.707)	0.154	0.54	1.03
0.75 (0.595)	0.341	1.20	2.24
1.00 (0.500)	1.078	3.81	6.04
1.25 (0.420)	1.262	4.46	10.50
1.50 (0.354)	2.727	9.63	20.13
1.75 (0.297)	2.441	8.62	28.75
2.00 (0.250)	5.164	18.24	46.99
2.25 (0.210)	3.850	13.60	60.59
2.50 (0.177)	2.081	7.35	67.94
2.75 (0.149)	2.118	7.48	75.42
3.00 (0.125)	2.257	7.97	83.39
3.25 (0.105)	1.827	6.45	89.85
3.50 (0.088)	0.778	2.75	92.59
3.75 (0.074)	0.462	1.63	94.23
4.00 (0.063)	0.215	0.76	94.98
4.25 (0.053)	0.256	0.90	95.89
4.50 (0.044)	0.171	0.60	96.49
4.75 (0.037)	0.194	0.69	97.18
5.00 (0.031)	0.100	0.35	97.53
5.25 (0.026)	0.699	2.47	100.00

TOTAL WEIGHT OF SAMPLE IS 28.313 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.157 (0.224)	0.873 (0.546)	0.228	1.150

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.208 (0.216)	0.815 (0.568)	0.187	0.884

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
2.219 (0.215)	0.917 (0.529)	0.933	4.448

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/09/2006