

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

SAMPLE: W-52 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.638	2.86	2.86
-0.25 (1.189)	0.455	2.04	4.89
0.00 (1.000)	1.051	4.70	9.60
0.25 (0.841)	1.582	7.08	16.68
0.50 (0.707)	1.684	7.54	24.22
0.75 (0.595)	2.093	9.37	33.59
1.00 (0.500)	3.110	13.92	47.51
1.25 (0.420)	2.042	9.14	56.65
1.50 (0.354)	3.093	13.85	70.50
1.75 (0.297)	1.744	7.81	78.31
2.00 (0.250)	2.492	11.16	89.46
2.25 (0.210)	1.193	5.34	94.80
2.50 (0.177)	0.469	2.10	96.90
2.75 (0.149)	0.339	1.52	98.42
3.00 (0.125)	0.219	0.98	99.40
3.25 (0.105)	0.093	0.42	99.82
3.50 (0.088)	0.018	0.08	99.90
3.75 (0.074)	0.013	0.06	99.96
4.00 (0.063)	0.005	0.02	99.98
4.25 (0.053)	0.005	0.02	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 22.338 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.057 (0.481)	0.794 (0.577)	-0.031	0.919

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.052 (0.482)	0.826 (0.564)	-0.020	0.525

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
1.066 (0.478)	0.786 (0.580)	-0.004	2.693

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/20/2006

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

SAMPLE: W-52 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.817	3.28	3.28
-0.25 (1.189)	0.604	2.43	5.71
0.00 (1.000)	0.968	3.89	9.60
0.25 (0.841)	1.815	7.29	16.89
0.50 (0.707)	1.951	7.84	24.73
0.75 (0.595)	2.375	9.54	34.28
1.00 (0.500)	3.525	14.17	48.44
1.25 (0.420)	2.202	8.85	57.29
1.50 (0.354)	3.505	14.09	71.38
1.75 (0.297)	1.849	7.43	78.81
2.00 (0.250)	2.747	11.04	89.85
2.25 (0.210)	1.261	5.07	94.92
2.50 (0.177)	0.517	2.08	96.99
2.75 (0.149)	0.382	1.54	98.53
3.00 (0.125)	0.238	0.96	99.49
3.25 (0.105)	0.089	0.36	99.84
3.50 (0.088)	0.015	0.06	99.90
3.75 (0.074)	0.007	0.03	99.93
4.00 (0.063)	0.000	0.00	99.93
4.25 (0.053)	0.002	0.01	99.94
4.50 (0.044)	0.002	0.01	99.95
4.75 (0.037)	0.013	0.05	100.00

TOTAL WEIGHT OF SAMPLE IS 24.884 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.044 (0.485)	0.803 (0.573)	-0.030	0.950

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.043 (0.485)	0.824 (0.565)	-0.001	0.567

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
1.051 (0.483)	0.790 (0.578)	0.010	2.821

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/20/2006

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

SAMPLE: W-52 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.171	0.76	0.76
-0.25 (1.189)	0.283	1.26	2.02
0.00 (1.000)	0.616	2.74	4.75
0.25 (0.841)	1.026	4.56	9.31
0.50 (0.707)	0.973	4.32	13.64
0.75 (0.595)	1.216	5.40	19.04
1.00 (0.500)	1.900	8.44	27.48
1.25 (0.420)	1.271	5.65	33.13
1.50 (0.354)	2.427	10.78	43.91
1.75 (0.297)	1.663	7.39	51.30
2.00 (0.250)	3.531	15.69	66.99
2.25 (0.210)	2.746	12.20	79.19
2.50 (0.177)	1.474	6.55	85.73
2.75 (0.149)	1.415	6.29	92.02
3.00 (0.125)	1.138	5.06	97.08
3.25 (0.105)	0.486	2.16	99.24
3.50 (0.088)	0.112	0.50	99.73
3.75 (0.074)	0.037	0.16	99.90
4.00 (0.063)	0.002	0.01	99.91
4.25 (0.053)	0.008	0.04	99.94
4.50 (0.044)	0.003	0.01	99.96
4.75 (0.037)	0.010	0.04	100.00

TOTAL WEIGHT OF SAMPLE IS 22.508 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.583 (0.334)	0.893 (0.538)	-0.188	0.955

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.522 (0.348)	0.912 (0.531)	-0.202	0.581

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
1.563 (0.339)	0.871 (0.547)	-0.283	2.551

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-52 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.215	0.92	0.92
-0.25 (1.189)	0.254	1.09	2.01
0.00 (1.000)	0.320	1.37	3.37
0.25 (0.841)	0.520	2.22	5.60
0.50 (0.707)	0.467	2.00	7.59
0.75 (0.595)	0.583	2.49	10.09
1.00 (0.500)	0.890	3.81	13.89
1.25 (0.420)	0.649	2.77	16.67
1.50 (0.354)	1.685	7.20	23.87
1.75 (0.297)	1.517	6.49	30.35
2.00 (0.250)	3.688	15.77	46.12
2.25 (0.210)	3.398	14.53	60.65
2.50 (0.177)	2.242	9.59	70.24
2.75 (0.149)	2.644	11.30	81.54
3.00 (0.125)	2.672	11.42	92.96
3.25 (0.105)	1.205	5.15	98.11
3.50 (0.088)	0.279	1.19	99.31
3.75 (0.074)	0.099	0.42	99.73
4.00 (0.063)	0.022	0.09	99.82
4.25 (0.053)	0.019	0.08	99.91
4.50 (0.044)	0.006	0.03	99.93
4.75 (0.037)	0.016	0.07	100.00

TOTAL WEIGHT OF SAMPLE IS 23.39 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.020 (0.247)	0.845 (0.557)	-0.189	1.126

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.997 (0.251)	0.807 (0.572)	-0.086	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
1.968 (0.256)	0.856 (0.553)	-0.803	3.537

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-52 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.095	0.38	0.38
-0.25 (1.189)	0.195	0.77	1.15
0.00 (1.000)	0.230	0.91	2.06
0.25 (0.841)	0.315	1.25	3.30
0.50 (0.707)	0.279	1.10	4.40
0.75 (0.595)	0.333	1.32	5.72
1.00 (0.500)	0.620	2.45	8.17
1.25 (0.420)	0.554	2.19	10.36
1.50 (0.354)	1.469	5.81	16.17
1.75 (0.297)	1.326	5.24	21.41
2.00 (0.250)	3.855	15.24	36.65
2.25 (0.210)	4.116	16.27	52.93
2.50 (0.177)	2.678	10.59	63.52
2.75 (0.149)	3.234	12.79	76.30
3.00 (0.125)	3.210	12.69	88.99
3.25 (0.105)	1.779	7.03	96.03
3.50 (0.088)	0.481	1.90	97.93
3.75 (0.074)	0.209	0.83	98.75
4.00 (0.063)	0.088	0.35	99.10
4.25 (0.053)	0.065	0.26	99.36
4.50 (0.044)	0.041	0.16	99.52
4.75 (0.037)	0.121	0.48	100.00

TOTAL WEIGHT OF SAMPLE IS 25.293 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.200 (0.218)	0.746 (0.596)	-0.118	1.164

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.197 (0.218)	0.704 (0.614)	-0.011	0.846

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
2.169 (0.222)	0.798 (0.575)	-0.698	4.404

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: W-52 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.152	0.65	0.65
-0.25 (1.189)	0.143	0.61	1.26
0.00 (1.000)	0.199	0.85	2.11
0.25 (0.841)	0.273	1.17	3.28
0.50 (0.707)	0.282	1.21	4.49
0.75 (0.595)	0.376	1.61	6.09
1.00 (0.500)	0.688	2.94	9.04
1.25 (0.420)	0.560	2.39	11.43
1.50 (0.354)	1.336	5.71	17.14
1.75 (0.297)	1.188	5.08	22.22
2.00 (0.250)	2.899	12.40	34.62
2.25 (0.210)	3.118	13.33	47.95
2.50 (0.177)	2.429	10.39	58.34
2.75 (0.149)	3.157	13.50	71.84
3.00 (0.125)	3.331	14.24	86.08
3.25 (0.105)	2.009	8.59	94.67
3.50 (0.088)	0.532	2.27	96.95
3.75 (0.074)	0.267	1.14	98.09
4.00 (0.063)	0.098	0.42	98.51
4.25 (0.053)	0.119	0.51	99.02
4.50 (0.044)	0.068	0.29	99.31
4.75 (0.037)	0.162	0.69	100.00

TOTAL WEIGHT OF SAMPLE IS 23.386 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.238 (0.212)	0.788 (0.579)	-0.197	1.110

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.207 (0.217)	0.757 (0.592)	-0.122	0.788

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
2.217 (0.215)	0.850 (0.555)	-0.655	4.129

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: W-52 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.691	3.26	3.26
-0.25 (1.189)	0.602	2.84	6.10
0.00 (1.000)	0.917	4.32	10.42
0.25 (0.841)	1.143	5.39	15.81
0.50 (0.707)	0.948	4.47	20.28
0.75 (0.595)	1.136	5.36	25.64
1.00 (0.500)	1.761	8.30	33.94
1.25 (0.420)	1.272	6.00	39.94
1.50 (0.354)	2.286	10.78	50.72
1.75 (0.297)	1.397	6.59	57.31
2.00 (0.250)	2.519	11.88	69.18
2.25 (0.210)	1.859	8.77	77.95
2.50 (0.177)	1.008	4.75	82.70
2.75 (0.149)	1.204	5.68	88.38
3.00 (0.125)	1.276	6.02	94.40
3.25 (0.105)	0.647	3.05	97.45
3.50 (0.088)	0.212	1.00	98.45
3.75 (0.074)	0.114	0.54	98.99
4.00 (0.063)	0.051	0.24	99.23
4.25 (0.053)	0.050	0.24	99.46
4.50 (0.044)	0.031	0.15	99.61
4.75 (0.037)	0.083	0.39	100.00

TOTAL WEIGHT OF SAMPLE IS 21.207 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.434 (0.370)	1.089 (0.470)	-0.071	0.963

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.409 (0.377)	1.148 (0.451)	-0.065	0.479

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
1.452 (0.366)	1.046 (0.484)	-0.014	2.557

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-52 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.549	2.26	2.26
-0.25 (1.189)	0.414	1.70	3.96
0.00 (1.000)	0.879	3.61	7.57
0.25 (0.841)	1.240	5.09	12.66
0.50 (0.707)	1.121	4.61	17.27
0.75 (0.595)	1.452	5.97	23.23
1.00 (0.500)	2.420	9.94	33.17
1.25 (0.420)	1.953	8.02	41.20
1.50 (0.354)	4.012	16.48	57.68
1.75 (0.297)	2.620	10.76	68.44
2.00 (0.250)	4.547	18.68	87.12
2.25 (0.210)	1.840	7.56	94.68
2.50 (0.177)	0.546	2.24	96.93
2.75 (0.149)	0.363	1.49	98.42
3.00 (0.125)	0.241	0.99	99.41
3.25 (0.105)	0.107	0.44	99.85
3.50 (0.088)	0.019	0.08	99.93
3.75 (0.074)	0.013	0.05	99.98
4.00 (0.063)	0.000	0.00	99.98
4.25 (0.053)	0.005	0.02	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 24.341 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.258 (0.418)	0.755 (0.593)	-0.258	0.968

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.195 (0.437)	0.763 (0.589)	-0.247	0.613

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
1.266 (0.416)	0.765 (0.588)	-0.452	2.895

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/20/2006