

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

SAMPLE: W-51 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.306	1.52	1.52
-0.25 (1.189)	0.232	1.15	2.68
0.00 (1.000)	0.455	2.26	4.94
0.25 (0.841)	0.973	4.84	9.78
0.50 (0.707)	1.105	5.50	15.27
0.75 (0.595)	1.626	8.09	23.36
1.00 (0.500)	2.621	13.04	36.40
1.25 (0.420)	1.992	9.91	46.30
1.50 (0.354)	3.224	16.03	62.34
1.75 (0.297)	1.781	8.86	71.19
2.00 (0.250)	2.754	13.70	84.89
2.25 (0.210)	1.407	7.00	91.89
2.50 (0.177)	0.631	3.14	95.03
2.75 (0.149)	0.495	2.46	97.49
3.00 (0.125)	0.324	1.61	99.10
3.25 (0.105)	0.138	0.69	99.79
3.50 (0.088)	0.030	0.15	99.94
3.75 (0.074)	0.010	0.05	99.99
4.00 (0.063)	0.003	0.01	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

TOTAL WEIGHT OF SAMPLE IS 20.107 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.271 (0.414)	0.743 (0.597)	-0.060	0.985

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.253 (0.420)	0.731 (0.603)	-0.075	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
1.270 (0.415)	0.753 (0.593)	-0.102	2.892

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/16/2006

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

SAMPLE: W-51 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.003	0.02	0.02
-0.25 (1.189)	0.230	1.23	1.24
0.00 (1.000)	0.467	2.49	3.73
0.25 (0.841)	1.004	5.36	9.09
0.50 (0.707)	1.129	6.02	15.12
0.75 (0.595)	1.650	8.80	23.92
1.00 (0.500)	2.673	14.26	38.18
1.25 (0.420)	1.907	10.18	48.36
1.50 (0.354)	3.227	17.22	65.57
1.75 (0.297)	1.742	9.29	74.87
2.00 (0.250)	2.529	13.49	88.36
2.25 (0.210)	1.054	5.62	93.99
2.50 (0.177)	0.422	2.25	96.24
2.75 (0.149)	0.327	1.74	97.98
3.00 (0.125)	0.218	1.16	99.15
3.25 (0.105)	0.110	0.59	99.73
3.50 (0.088)	0.030	0.16	99.89
3.75 (0.074)	0.012	0.06	99.96
4.00 (0.063)	0.001	0.01	99.96
4.25 (0.053)	0.007	0.04	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 18.742 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.239 (0.424)	0.698 (0.617)	-0.064	0.960

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.222 (0.429)	0.697 (0.617)	-0.074	0.652

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
1.237 (0.424)	0.699 (0.616)	0.091	2.949

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 03/20/2006

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

SAMPLE: W-51 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.090	0.42	0.42
-0.25 (1.189)	0.209	0.99	1.41
0.00 (1.000)	0.321	1.51	2.92
0.25 (0.841)	0.578	2.73	5.65
0.50 (0.707)	0.694	3.27	8.93
0.75 (0.595)	1.069	5.04	13.97
1.00 (0.500)	2.107	9.94	23.91
1.25 (0.420)	1.919	9.05	32.96
1.50 (0.354)	3.573	16.86	49.82
1.75 (0.297)	2.615	12.34	62.16
2.00 (0.250)	3.831	18.07	80.23
2.25 (0.210)	2.015	9.51	89.73
2.50 (0.177)	0.874	4.12	93.86
2.75 (0.149)	0.621	2.93	96.79
3.00 (0.125)	0.404	1.91	98.69
3.25 (0.105)	0.183	0.86	99.56
3.50 (0.088)	0.040	0.19	99.75
3.75 (0.074)	0.022	0.10	99.85
4.00 (0.063)	0.009	0.04	99.89
4.25 (0.053)	0.010	0.05	99.94
4.50 (0.044)	0.007	0.03	99.97
4.75 (0.037)	0.006	0.03	100.00

TOTAL WEIGHT OF SAMPLE IS 21.197 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.468 (0.361)	0.689 (0.620)	-0.087	1.099

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.450 (0.366)	0.649 (0.638)	-0.082	0.854

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
1.474 (0.360)	0.702 (0.615)	-0.204	3.486

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 03/20/2006

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

SAMPLE: W-51 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.097	0.39	0.39
-0.25 (1.189)	0.158	0.63	1.01
0.00 (1.000)	0.231	0.92	1.93
0.25 (0.841)	0.483	1.92	3.86
0.50 (0.707)	0.540	2.15	6.01
0.75 (0.595)	0.779	3.10	9.11
1.00 (0.500)	1.329	5.29	14.39
1.25 (0.420)	1.076	4.28	18.68
1.50 (0.354)	2.516	10.01	28.69
1.75 (0.297)	1.987	7.91	36.60
2.00 (0.250)	5.016	19.96	56.56
2.25 (0.210)	3.534	14.06	70.62
2.50 (0.177)	2.087	8.31	78.93
2.75 (0.149)	2.141	8.52	87.45
3.00 (0.125)	1.832	7.29	94.74
3.25 (0.105)	0.917	3.65	98.39
3.50 (0.088)	0.229	0.91	99.30
3.75 (0.074)	0.088	0.35	99.65
4.00 (0.063)	0.031	0.12	99.77
4.25 (0.053)	0.019	0.08	99.85
4.50 (0.044)	0.012	0.05	99.90
4.75 (0.037)	0.026	0.10	100.00

TOTAL WEIGHT OF SAMPLE IS 25.128 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.887 (0.270)	0.788 (0.579)	-0.112	1.109

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.871 (0.273)	0.778 (0.583)	-0.060	0.694

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
1.860 (0.275)	0.783 (0.581)	-0.437	3.388

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-51 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.242	1.49	1.49
-0.25 (1.189)	0.131	0.81	2.30
0.00 (1.000)	0.214	1.32	3.62
0.25 (0.841)	0.234	1.44	5.06
0.50 (0.707)	0.241	1.49	6.55
0.75 (0.595)	0.265	1.63	8.18
1.00 (0.500)	0.551	3.40	11.57
1.25 (0.420)	0.380	2.34	13.92
1.50 (0.354)	0.931	5.74	19.65
1.75 (0.297)	0.849	5.23	24.89
2.00 (0.250)	2.352	14.50	39.38
2.25 (0.210)	2.327	14.34	53.73
2.50 (0.177)	1.593	9.82	63.54
2.75 (0.149)	1.960	12.08	75.62
3.00 (0.125)	2.065	12.73	88.35
3.25 (0.105)	1.275	7.86	96.21
3.50 (0.088)	0.346	2.13	98.34
3.75 (0.074)	0.139	0.86	99.20
4.00 (0.063)	0.030	0.18	99.38
4.25 (0.053)	0.052	0.32	99.70
4.50 (0.044)	0.019	0.12	99.82
4.75 (0.037)	0.029	0.18	100.00

TOTAL WEIGHT OF SAMPLE IS 16.225 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.147 (0.226)	0.844 (0.557)	-0.191	1.236

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.128 (0.229)	0.787 (0.580)	-0.073	0.888

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
2.099 (0.233)	0.880 (0.543)	-0.883	4.017

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/20/2006

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

SAMPLE: W-51 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.550	2.43	2.43
-0.25 (1.189)	0.702	3.10	5.52
0.00 (1.000)	1.007	4.44	9.97
0.25 (0.841)	1.501	6.62	16.59
0.50 (0.707)	1.208	5.33	21.92
0.75 (0.595)	1.384	6.11	28.02
1.00 (0.500)	1.619	7.14	35.16
1.25 (0.420)	1.016	4.48	39.65
1.50 (0.354)	1.677	7.40	47.04
1.75 (0.297)	1.085	4.79	51.83
2.00 (0.250)	2.138	9.43	61.26
2.25 (0.210)	1.893	8.35	69.61
2.50 (0.177)	1.275	5.62	75.24
2.75 (0.149)	1.581	6.97	82.21
3.00 (0.125)	1.796	7.92	90.14
3.25 (0.105)	1.152	5.08	95.22
3.50 (0.088)	0.377	1.66	96.88
3.75 (0.074)	0.196	0.86	97.75
4.00 (0.063)	0.094	0.41	98.16
4.25 (0.053)	0.105	0.46	98.62
4.50 (0.044)	0.076	0.34	98.96
4.75 (0.037)	0.236	1.04	100.00

TOTAL WEIGHT OF SAMPLE IS 22.668 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.563 (0.338)	1.180 (0.441)	-0.104	0.777

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.517 (0.349)	1.289 (0.409)	-0.106	0.370

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
1.570 (0.337)	1.162 (0.447)	0.062	2.329

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

PREPARED BY BL ON 03/20/2006

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

SAMPLE: W-51 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-1.00 (2.000)	0.750	2.64	2.64
-0.75 (1.682)	0.374	1.31	3.95
-0.50 (1.414)	0.958	3.37	7.32
-0.25 (1.189)	1.502	5.28	12.59
0.00 (1.000)	2.176	7.65	20.24
0.25 (0.841)	3.604	12.66	32.91
0.50 (0.707)	3.004	10.56	43.46
0.75 (0.595)	3.107	10.92	54.38
1.00 (0.500)	3.535	12.42	66.80
1.25 (0.420)	1.874	6.59	73.39
1.50 (0.354)	2.554	8.97	82.36
1.75 (0.297)	1.161	4.08	86.44
2.00 (0.250)	1.595	5.60	92.05
2.25 (0.210)	0.806	2.83	94.88
2.50 (0.177)	0.385	1.35	96.23
2.75 (0.149)	0.333	1.17	97.40
3.00 (0.125)	0.292	1.03	98.43
3.25 (0.105)	0.189	0.66	99.09
3.50 (0.088)	0.087	0.31	99.40
3.75 (0.074)	0.078	0.27	99.67
4.00 (0.063)	0.047	0.17	99.84
4.25 (0.053)	0.046	0.16	100.00

TOTAL WEIGHT OF SAMPLE IS 28.457 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.704 (0.614)	0.881 (0.543)	0.098	1.005

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.731 (0.603)	0.869 (0.547)	0.093	0.693

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.716 (0.609)	0.907 (0.533)	0.489	3.434

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; FINE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/20/2006

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

SAMPLE: W-51 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.288	0.75	0.75
-0.50 (1.414)	0.108	0.28	1.03
-0.25 (1.189)	0.214	0.56	1.59
0.00 (1.000)	0.662	1.72	3.31
0.25 (0.841)	1.885	4.90	8.21
0.50 (0.707)	2.799	7.28	15.49
0.75 (0.595)	4.225	10.99	26.48
1.00 (0.500)	5.883	15.30	41.78
1.25 (0.420)	3.851	10.02	51.79
1.50 (0.354)	5.394	14.03	65.82
1.75 (0.297)	2.479	6.45	72.27
2.00 (0.250)	3.832	9.97	82.23
2.25 (0.210)	1.976	5.14	87.37
2.50 (0.177)	0.993	2.58	89.96
2.75 (0.149)	0.852	2.22	92.17
3.00 (0.125)	0.855	2.22	94.40
3.25 (0.105)	0.574	1.49	95.89
3.50 (0.088)	0.320	0.83	96.72
3.75 (0.074)	0.291	0.76	97.48
4.00 (0.063)	0.187	0.49	97.96
4.25 (0.053)	0.218	0.57	98.53
4.50 (0.044)	0.565	1.47	100.00

TOTAL WEIGHT OF SAMPLE IS 38.451 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.268 (0.415)	0.850 (0.555)	0.188	1.121

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.299 (0.406)	0.787 (0.579)	0.119	0.915

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
1.322 (0.400)	0.921 (0.528)	0.903	4.351

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/21/2006