

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

SAMPLE: W-57 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.234	0.83	0.83
-0.50 (1.414)	0.574	2.04	2.87
-0.25 (1.189)	1.065	3.78	6.65
0.00 (1.000)	1.724	6.12	12.76
0.25 (0.841)	2.957	10.49	23.25
0.50 (0.707)	2.936	10.42	33.67
0.75 (0.595)	3.429	12.17	45.83
1.00 (0.500)	4.382	15.55	61.38
1.25 (0.420)	2.581	9.16	70.54
1.50 (0.354)	3.244	11.51	82.05
1.75 (0.297)	1.492	5.29	87.34
2.00 (0.250)	1.849	6.56	93.90
2.25 (0.210)	0.730	2.59	96.49
2.50 (0.177)	0.321	1.14	97.63
2.75 (0.149)	0.233	0.83	98.46
3.00 (0.125)	0.207	0.73	99.19
3.25 (0.105)	0.111	0.39	99.58
3.50 (0.088)	0.030	0.11	99.69
3.75 (0.074)	0.022	0.08	99.77
4.00 (0.063)	0.007	0.02	99.79
4.25 (0.053)	0.018	0.06	99.86
4.50 (0.044)	0.040	0.14	100.00

TOTAL WEIGHT OF SAMPLE IS 28.186 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.829 (0.563)	0.752 (0.594)	0.035	0.958

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.835 (0.561)	0.758 (0.592)	0.023	0.627

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.846 (0.556)	0.770 (0.586)	0.453	3.679

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; FINE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/23/2006

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

SAMPLE: W-57 1.6'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.018	0.06	0.06
-0.50 (1.414)	0.236	0.81	0.87
-0.25 (1.189)	0.515	1.76	2.63
0.00 (1.000)	1.282	4.38	7.01
0.25 (0.841)	2.971	10.15	17.15
0.50 (0.707)	3.337	11.40	28.55
0.75 (0.595)	4.075	13.92	42.47
1.00 (0.500)	5.451	18.62	61.09
1.25 (0.420)	3.072	10.49	71.58
1.50 (0.354)	3.634	12.41	83.99
1.75 (0.297)	1.490	5.09	89.08
2.00 (0.250)	1.685	5.76	94.84
2.25 (0.210)	0.595	2.03	96.87
2.50 (0.177)	0.246	0.84	97.71
2.75 (0.149)	0.174	0.59	98.31
3.00 (0.125)	0.165	0.56	98.87
3.25 (0.105)	0.112	0.38	99.25
3.50 (0.088)	0.046	0.16	99.41
3.75 (0.074)	0.040	0.14	99.55
4.00 (0.063)	0.032	0.11	99.66
4.25 (0.053)	0.024	0.08	99.74
4.50 (0.044)	0.077	0.26	100.00

TOTAL WEIGHT OF SAMPLE IS 29.277 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.858 (0.552)	0.643 (0.640)	0.055	0.975

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.861 (0.551)	0.639 (0.642)	0.015	0.669

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.903 (0.535)	0.700 (0.616)	0.870	5.282

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY WELL SORTED; FINE SKEWED; LEPTOKURITIC

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

SAMPLE: W-57 3.3'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.012	0.04	0.04
-0.50 (1.414)	0.050	0.19	0.23
-0.25 (1.189)	0.189	0.71	0.94
0.00 (1.000)	0.454	1.70	2.64
0.25 (0.841)	0.998	3.74	6.39
0.50 (0.707)	1.450	5.44	11.82
0.75 (0.595)	2.317	8.69	20.51
1.00 (0.500)	4.064	15.24	35.75
1.25 (0.420)	3.460	12.97	48.73
1.50 (0.354)	5.351	20.07	68.79
1.75 (0.297)	2.831	10.62	79.41
2.00 (0.250)	1.995	7.48	86.89
2.25 (0.210)	1.536	5.76	92.65
2.50 (0.177)	0.593	2.22	94.87
2.75 (0.149)	0.419	1.57	96.45
3.00 (0.125)	0.341	1.28	97.72
3.25 (0.105)	0.193	0.72	98.45
3.50 (0.088)	0.085	0.32	98.77
3.75 (0.074)	0.076	0.28	99.05
4.00 (0.063)	0.053	0.20	99.25
4.25 (0.053)	0.044	0.17	99.42
4.50 (0.044)	0.156	0.58	100.00

TOTAL WEIGHT OF SAMPLE IS 26.667 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.263 (0.417)	0.679 (0.625)	0.028	1.177

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.262 (0.417)	0.642 (0.641)	-0.006	0.841

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
1.278 (0.412)	0.727 (0.604)	0.795	5.200

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-57 4.9'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.171	0.59	0.59
-0.50 (1.414)	0.365	1.26	1.85
-0.25 (1.189)	0.921	3.18	5.03
0.00 (1.000)	1.593	5.50	10.54
0.25 (0.841)	3.120	10.78	21.32
0.50 (0.707)	2.887	9.98	31.29
0.75 (0.595)	3.385	11.70	42.99
1.00 (0.500)	4.120	14.24	57.22
1.25 (0.420)	2.520	8.71	65.93
1.50 (0.354)	3.162	10.93	76.86
1.75 (0.297)	1.526	5.27	82.13
2.00 (0.250)	2.169	7.49	89.62
2.25 (0.210)	1.107	3.82	93.45
2.50 (0.177)	0.516	1.78	95.23
2.75 (0.149)	0.395	1.36	96.60
3.00 (0.125)	0.360	1.24	97.84
3.25 (0.105)	0.176	0.61	98.45
3.50 (0.088)	0.075	0.26	98.71
3.75 (0.074)	0.068	0.23	98.94
4.00 (0.063)	0.048	0.17	99.11
4.25 (0.053)	0.049	0.17	99.28
4.50 (0.044)	0.209	0.72	100.00

TOTAL WEIGHT OF SAMPLE IS 28.942 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.937 (0.522)	0.834 (0.561)	0.143	1.000

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.970 (0.511)	0.843 (0.558)	0.114	0.614

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.968 (0.511)	0.866 (0.549)	0.816	4.379

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-57 6.6'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.142	0.48	0.48
-0.50 (1.414)	0.534	1.79	2.27
-0.25 (1.189)	0.951	3.20	5.47
0.00 (1.000)	1.678	5.64	11.11
0.25 (0.841)	3.344	11.24	22.35
0.50 (0.707)	2.881	9.68	32.03
0.75 (0.595)	3.445	11.58	43.60
1.00 (0.500)	4.179	14.04	57.65
1.25 (0.420)	2.537	8.53	66.17
1.50 (0.354)	2.954	9.93	76.10
1.75 (0.297)	1.485	4.99	81.09
2.00 (0.250)	2.267	7.62	88.71
2.25 (0.210)	1.315	4.42	93.13
2.50 (0.177)	0.658	2.21	95.34
2.75 (0.149)	0.536	1.80	97.14
3.00 (0.125)	0.455	1.53	98.67
3.25 (0.105)	0.161	0.54	99.21
3.50 (0.088)	0.050	0.17	99.38
3.75 (0.074)	0.039	0.13	99.51
4.00 (0.063)	0.017	0.06	99.57
4.25 (0.053)	0.035	0.12	99.69
4.50 (0.044)	0.093	0.31	100.00

TOTAL WEIGHT OF SAMPLE IS 29.756 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.939 (0.521)	0.850 (0.555)	0.147	0.976

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.977 (0.508)	0.868 (0.548)	0.130	0.582

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.953 (0.516)	0.850 (0.555)	0.584	3.502

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; FINE SKEWED; MESOKURITIC

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SAMPLE: W-57 8.2'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.313	1.34	1.34
0.25 (0.841)	0.445	1.91	3.26
0.50 (0.707)	0.676	2.90	6.16
0.75 (0.595)	1.090	4.68	10.84
1.00 (0.500)	2.275	9.77	20.61
1.25 (0.420)	1.875	8.05	28.67
1.50 (0.354)	3.072	13.20	41.86
1.75 (0.297)	1.988	8.54	50.40
2.00 (0.250)	3.967	17.04	67.44
2.25 (0.210)	2.483	10.67	78.11
2.50 (0.177)	1.189	5.11	83.21
2.75 (0.149)	1.111	4.77	87.99
3.00 (0.125)	1.171	5.03	93.02
3.25 (0.105)	0.595	2.56	95.57
3.50 (0.088)	0.216	0.93	96.50
3.75 (0.074)	0.179	0.77	97.27
4.00 (0.063)	0.100	0.43	97.70
4.25 (0.053)	0.127	0.55	98.24
4.50 (0.044)	0.072	0.31	98.55
4.75 (0.037)	0.095	0.41	98.96
5.00 (0.031)	0.038	0.16	99.12
5.25 (0.026)	0.204	0.88	100.00

TOTAL WEIGHT OF SAMPLE IS 23.281 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.720 (0.303)	0.838 (0.559)	0.005	1.100

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.712 (0.305)	0.830 (0.563)	-0.032	0.684

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
1.738 (0.300)	0.892 (0.539)	0.783	4.611

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-57 9.8'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.319	1.07	1.07
0.00 (1.000)	0.442	1.48	2.54
0.25 (0.841)	1.042	3.48	6.02
0.50 (0.707)	1.227	4.10	10.12
0.75 (0.595)	1.680	5.61	15.74
1.00 (0.500)	2.877	9.61	25.35
1.25 (0.420)	2.018	6.74	32.09
1.50 (0.354)	3.374	11.27	43.37
1.75 (0.297)	2.341	7.82	51.19
2.00 (0.250)	4.447	14.86	66.05
2.25 (0.210)	2.875	9.61	75.65
2.50 (0.177)	1.314	4.39	80.04
2.75 (0.149)	1.292	4.32	84.36
3.00 (0.125)	1.338	4.47	88.83
3.25 (0.105)	0.880	2.94	91.77
3.50 (0.088)	0.473	1.58	93.35
3.75 (0.074)	0.420	1.40	94.75
4.00 (0.063)	0.216	0.72	95.48
4.25 (0.053)	0.287	0.96	96.43
4.50 (0.044)	0.187	0.62	97.06
4.75 (0.037)	0.238	0.80	97.85
5.00 (0.031)	0.642	2.15	100.00

TOTAL WEIGHT OF SAMPLE IS 29.929 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.733 (0.301)	1.047 (0.484)	0.096	1.207

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.743 (0.299)	0.986 (0.505)	0.031	0.855

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
1.752 (0.297)	1.064 (0.478)	0.722	3.726

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; FINE SKEWED; LEPTOKURITIC

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: W-57 11.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.128	0.40	0.40
0.25 (0.841)	0.281	0.88	1.28
0.50 (0.707)	0.544	1.70	2.98
0.75 (0.595)	1.131	3.54	6.53
1.00 (0.500)	2.734	8.56	15.09
1.25 (0.420)	2.295	7.19	22.27
1.50 (0.354)	3.716	11.64	33.91
1.75 (0.297)	2.320	7.26	41.17
2.00 (0.250)	5.156	16.14	57.32
2.25 (0.210)	4.413	13.82	71.13
2.50 (0.177)	2.515	7.87	79.01
2.75 (0.149)	2.508	7.85	86.86
3.00 (0.125)	2.253	7.05	93.92
3.25 (0.105)	0.807	2.53	96.44
3.50 (0.088)	0.218	0.68	97.13
3.75 (0.074)	0.184	0.58	97.70
4.00 (0.063)	0.094	0.29	98.00
4.25 (0.053)	0.149	0.47	98.46
4.50 (0.044)	0.076	0.24	98.70
4.75 (0.037)	0.110	0.34	99.04
5.00 (0.031)	0.044	0.14	99.18
5.25 (0.026)	0.261	0.82	100.00

TOTAL WEIGHT OF SAMPLE IS 31.937 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.859 (0.276)	0.780 (0.582)	-0.030	0.949

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.845 (0.278)	0.814 (0.569)	-0.051	0.515

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
1.884 (0.271)	0.829 (0.563)	0.644	4.565

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/23/2006