

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

SAMPLE: W-55 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-1.25 (2.378)	0.449	1.70	1.70
-1.00 (2.000)	0.635	2.40	4.10
-0.75 (1.682)	0.742	2.80	6.90
-0.50 (1.414)	2.614	9.88	16.78
-0.25 (1.189)	2.360	8.92	25.70
0.00 (1.000)	2.749	10.39	36.08
0.25 (0.841)	3.306	12.49	48.58
0.50 (0.707)	2.515	9.50	58.08
0.75 (0.595)	2.267	8.57	66.65
1.00 (0.500)	2.669	10.09	76.73
1.25 (0.420)	1.295	4.89	81.62
1.50 (0.354)	1.520	5.74	87.37
1.75 (0.297)	0.738	2.79	90.16
2.00 (0.250)	1.106	4.18	94.34
2.25 (0.210)	0.624	2.36	96.69
2.50 (0.177)	0.257	0.97	97.66
2.75 (0.149)	0.228	0.86	98.53
3.00 (0.125)	0.220	0.83	99.36
3.25 (0.105)	0.113	0.43	99.78
3.50 (0.088)	0.032	0.12	99.91
3.75 (0.074)	0.024	0.09	100.00
4.00 (0.063)	0.001	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 26.464 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.374 (0.772)	0.921 (0.528)	0.165	0.999

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.417 (0.749)	0.937 (0.522)	0.138	0.596

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
0.408 (0.754)	0.919 (0.529)	0.530	3.020

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; FINE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/21/2006

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

SAMPLE: W-55 1.6'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.833	3.66	3.66
-0.25 (1.189)	0.877	3.85	7.51
0.00 (1.000)	1.678	7.37	14.88
0.25 (0.841)	2.851	12.52	27.41
0.50 (0.707)	2.883	12.67	40.07
0.75 (0.595)	3.150	13.84	53.91
1.00 (0.500)	3.961	17.40	71.31
1.25 (0.420)	1.730	7.60	78.91
1.50 (0.354)	2.059	9.05	87.96
1.75 (0.297)	0.852	3.74	91.70
2.00 (0.250)	1.009	4.43	96.13
2.25 (0.210)	0.414	1.82	97.95
2.50 (0.177)	0.161	0.71	98.66
2.75 (0.149)	0.130	0.57	99.23
3.00 (0.125)	0.103	0.45	99.68
3.25 (0.105)	0.051	0.22	99.91
3.50 (0.088)	0.008	0.04	99.94
3.75 (0.074)	0.007	0.03	99.97
4.00 (0.063)	0.000	0.00	99.97
4.25 (0.053)	0.006	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 22.763 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.697 (0.617)	0.698 (0.616)	0.055	1.047

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.706 (0.613)	0.684 (0.622)	0.040	0.717

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.703 (0.614)	0.699 (0.616)	0.466	3.389

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY WELL SORTED; FINE SKEWED; MESOKURITIC

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

SAMPLE: W-55 3.3'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.437	1.68	1.68
-0.50 (1.414)	0.667	2.57	4.25
-0.25 (1.189)	0.820	3.15	7.40
0.00 (1.000)	1.439	5.54	12.94
0.25 (0.841)	2.396	9.22	22.15
0.50 (0.707)	2.436	9.37	31.52
0.75 (0.595)	2.898	11.15	42.67
1.00 (0.500)	4.089	15.73	58.40
1.25 (0.420)	2.503	9.63	68.03
1.50 (0.354)	3.145	12.10	80.12
1.75 (0.297)	1.451	5.58	85.71
2.00 (0.250)	1.817	6.99	92.70
2.25 (0.210)	0.847	3.26	95.95
2.50 (0.177)	0.317	1.22	97.17
2.75 (0.149)	0.284	1.09	98.27
3.00 (0.125)	0.237	0.91	99.18
3.25 (0.105)	0.108	0.42	99.59
3.50 (0.088)	0.037	0.14	99.73
3.75 (0.074)	0.031	0.12	99.85
4.00 (0.063)	0.013	0.05	99.90
4.25 (0.053)	0.018	0.07	99.97
4.50 (0.044)	0.007	0.03	100.00

TOTAL WEIGHT OF SAMPLE IS 25.997 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.874 (0.545)	0.794 (0.577)	0.008	1.004

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.878 (0.544)	0.795 (0.576)	0.015	0.646

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
0.882 (0.543)	0.797 (0.575)	0.257	3.277

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-55 4.9'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.285	1.30	1.30
-0.50 (1.414)	0.593	2.71	4.02
-0.25 (1.189)	0.719	3.29	7.30
0.00 (1.000)	1.077	4.93	12.23
0.25 (0.841)	1.435	6.56	18.79
0.50 (0.707)	1.415	6.47	25.26
0.75 (0.595)	1.703	7.79	33.05
1.00 (0.500)	2.158	9.87	42.92
1.25 (0.420)	1.454	6.65	49.57
1.50 (0.354)	2.129	9.74	59.31
1.75 (0.297)	1.242	5.68	64.99
2.00 (0.250)	2.090	9.56	74.54
2.25 (0.210)	1.522	6.96	81.51
2.50 (0.177)	0.909	4.16	85.66
2.75 (0.149)	0.906	4.14	89.81
3.00 (0.125)	1.105	5.05	94.86
3.25 (0.105)	0.637	2.91	97.77
3.50 (0.088)	0.198	0.91	98.68
3.75 (0.074)	0.092	0.42	99.10
4.00 (0.063)	0.030	0.14	99.24
4.25 (0.053)	0.059	0.27	99.51
4.50 (0.044)	0.108	0.49	100.00

TOTAL WEIGHT OF SAMPLE IS 21.866 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.268 (0.415)	1.085 (0.471)	0.014	0.923

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.272 (0.414)	1.128 (0.457)	0.010	0.523

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
1.276 (0.413)	1.060 (0.480)	0.175	2.505

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-55 6.6'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.776	2.60	2.60
-0.50 (1.414)	1.047	3.51	6.11
-0.25 (1.189)	1.294	4.34	10.45
0.00 (1.000)	1.880	6.30	16.76
0.25 (0.841)	3.043	10.20	26.96
0.50 (0.707)	2.505	8.40	35.36
0.75 (0.595)	2.872	9.63	44.99
1.00 (0.500)	3.711	12.44	57.44
1.25 (0.420)	2.045	6.86	64.30
1.50 (0.354)	2.899	9.72	74.02
1.75 (0.297)	1.694	5.68	79.70
2.00 (0.250)	2.601	8.72	88.42
2.25 (0.210)	1.338	4.49	92.91
2.50 (0.177)	0.653	2.19	95.10
2.75 (0.149)	0.553	1.85	96.95
3.00 (0.125)	0.448	1.50	98.45
3.25 (0.105)	0.247	0.83	99.28
3.50 (0.088)	0.089	0.30	99.58
3.75 (0.074)	0.054	0.18	99.76
4.00 (0.063)	0.014	0.05	99.81
4.25 (0.053)	0.038	0.13	99.94
4.50 (0.044)	0.019	0.06	100.00

TOTAL WEIGHT OF SAMPLE IS 29.82 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.898 (0.537)	0.941 (0.521)	0.071	0.937

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.922 (0.528)	0.952 (0.517)	0.075	0.612

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
0.903 (0.535)	0.926 (0.526)	0.297	2.795

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-55 8.2'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	1.056	4.35	4.35
-0.25 (1.189)	0.850	3.50	7.85
0.00 (1.000)	1.251	5.16	13.01
0.25 (0.841)	1.811	7.46	20.47
0.50 (0.707)	1.521	6.27	26.74
0.75 (0.595)	1.654	6.82	33.56
1.00 (0.500)	2.475	10.20	43.75
1.25 (0.420)	1.636	6.74	50.50
1.50 (0.354)	2.411	9.94	60.43
1.75 (0.297)	1.356	5.59	66.02
2.00 (0.250)	2.119	8.73	74.75
2.25 (0.210)	1.388	5.72	80.47
2.50 (0.177)	0.629	2.59	83.06
2.75 (0.149)	0.676	2.79	85.85
3.00 (0.125)	0.757	3.12	88.97
3.25 (0.105)	0.598	2.46	91.43
3.50 (0.088)	0.378	1.56	92.99
3.75 (0.074)	0.344	1.42	94.41
4.00 (0.063)	0.208	0.86	95.27
4.25 (0.053)	0.277	1.14	96.41
4.50 (0.044)	0.159	0.66	97.06
4.75 (0.037)	0.713	2.94	100.00

TOTAL WEIGHT OF SAMPLE IS 24.267 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.305 (0.405)	1.284 (0.411)	0.159	1.135

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.342 (0.394)	1.242 (0.423)	0.089	0.762

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.357 (0.390)	1.249 (0.421)	0.678	3.109

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; FINE SKEWED; MESOKURITIC

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SAMPLE: W-55 9.8'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.795	3.23	3.23
-0.25 (1.189)	0.728	2.96	6.20
0.00 (1.000)	1.109	4.51	10.71
0.25 (0.841)	1.666	6.78	17.48
0.50 (0.707)	1.758	7.15	24.63
0.75 (0.595)	2.173	8.84	33.47
1.00 (0.500)	2.919	11.87	45.35
1.25 (0.420)	1.791	7.29	52.63
1.50 (0.354)	2.870	11.67	64.31
1.75 (0.297)	1.703	6.93	71.23
2.00 (0.250)	2.828	11.50	82.74
2.25 (0.210)	1.800	7.32	90.06
2.50 (0.177)	0.805	3.27	93.33
2.75 (0.149)	0.657	2.67	96.01
3.00 (0.125)	0.479	1.95	97.95
3.25 (0.105)	0.207	0.84	98.80
3.50 (0.088)	0.080	0.33	99.12
3.75 (0.074)	0.061	0.25	99.37
4.00 (0.063)	0.020	0.08	99.45
4.25 (0.053)	0.047	0.19	99.64
4.50 (0.044)	0.014	0.06	99.70
4.75 (0.037)	0.074	0.30	100.00

TOTAL WEIGHT OF SAMPLE IS 24.584 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.133 (0.456)	0.918 (0.529)	-0.024	0.933

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.119 (0.460)	0.924 (0.527)	-0.044	0.627

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
1.161 (0.447)	0.915 (0.530)	0.244	3.092

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: W-55 11.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.446	1.75	1.75
-0.25 (1.189)	0.380	1.49	3.23
0.00 (1.000)	0.696	2.72	5.96
0.25 (0.841)	0.991	3.88	9.83
0.50 (0.707)	1.166	4.56	14.40
0.75 (0.595)	1.555	6.09	20.48
1.00 (0.500)	3.152	12.33	32.82
1.25 (0.420)	2.212	8.66	41.47
1.50 (0.354)	3.758	14.71	56.18
1.75 (0.297)	2.199	8.61	64.78
2.00 (0.250)	3.735	14.62	79.40
2.25 (0.210)	2.230	8.73	88.13
2.50 (0.177)	1.008	3.94	92.07
2.75 (0.149)	0.847	3.31	95.39
3.00 (0.125)	0.674	2.64	98.02
3.25 (0.105)	0.286	1.12	99.14
3.50 (0.088)	0.100	0.39	99.53
3.75 (0.074)	0.057	0.22	99.76
4.00 (0.063)	0.020	0.08	99.84
4.25 (0.053)	0.015	0.06	99.89
4.50 (0.044)	0.000	0.00	99.89
4.75 (0.037)	0.027	0.11	100.00

TOTAL WEIGHT OF SAMPLE IS 25.554 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.364 (0.388)	0.817 (0.568)	-0.057	1.063

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.349 (0.393)	0.783 (0.581)	-0.059	0.794

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
1.370 (0.387)	0.823 (0.565)	-0.068	3.104

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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