

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

SAMPLE: W-68 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.310	1.27	1.27
0.00 (1.000)	0.337	1.38	2.64
0.25 (0.841)	0.695	2.84	5.48
0.50 (0.707)	0.949	3.87	9.35
0.75 (0.595)	1.508	6.15	15.50
1.00 (0.500)	2.470	10.08	25.58
1.25 (0.420)	1.775	7.24	32.83
1.50 (0.354)	3.208	13.09	45.92
1.75 (0.297)	2.207	9.01	54.92
2.00 (0.250)	4.852	19.80	74.72
2.25 (0.210)	3.132	12.78	87.50
2.50 (0.177)	1.315	5.37	92.87
2.75 (0.149)	0.947	3.86	96.74
3.00 (0.125)	0.560	2.29	99.02
3.25 (0.105)	0.198	0.81	99.83
3.50 (0.088)	0.029	0.12	99.95
3.75 (0.074)	0.013	0.05	100.00
4.00 (0.063)	0.000	0.00	100.00
4.25 (0.053)	0.000	0.00	100.00
4.50 (0.044)	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 24.505 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.519 (0.349)	0.723 (0.606)	-0.178	0.976

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.472 (0.361)	0.710 (0.612)	-0.199	0.712

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
1.515 (0.350)	0.723 (0.606)	-0.330	2.771

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-68 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.082	0.33	0.33
-0.50 (1.414)	0.130	0.53	0.86
-0.25 (1.189)	0.192	0.78	1.64
0.00 (1.000)	0.225	0.92	2.56
0.25 (0.841)	0.377	1.53	4.09
0.50 (0.707)	0.417	1.70	5.79
0.75 (0.595)	0.624	2.54	8.33
1.00 (0.500)	1.106	4.50	12.83
1.25 (0.420)	0.880	3.58	16.41
1.50 (0.354)	1.819	7.40	23.82
1.75 (0.297)	1.530	6.23	30.05
2.00 (0.250)	4.101	16.69	46.74
2.25 (0.210)	4.105	16.71	63.45
2.50 (0.177)	2.142	8.72	72.16
2.75 (0.149)	2.238	9.11	81.27
3.00 (0.125)	2.254	9.17	90.45
3.25 (0.105)	1.306	5.32	95.76
3.50 (0.088)	0.385	1.57	97.33
3.75 (0.074)	0.224	0.91	98.24
4.00 (0.063)	0.092	0.37	98.62
4.25 (0.053)	0.099	0.40	99.02
4.50 (0.044)	0.241	0.98	100.00

TOTAL WEIGHT OF SAMPLE IS 24.569 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.031 (0.245)	0.830 (0.563)	-0.105	1.126

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.023 (0.246)	0.802 (0.574)	-0.033	0.766

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
2.001 (0.250)	0.866 (0.549)	-0.431	3.802

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: W-68 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.114	0.40	0.40
0.00 (1.000)	0.104	0.37	0.77
0.25 (0.841)	0.179	0.63	1.40
0.50 (0.707)	0.245	0.86	2.26
0.75 (0.595)	0.453	1.60	3.86
1.00 (0.500)	1.081	3.81	7.66
1.25 (0.420)	1.010	3.56	11.22
1.50 (0.354)	2.252	7.93	19.15
1.75 (0.297)	1.837	6.47	25.62
2.00 (0.250)	5.244	18.46	44.08
2.25 (0.210)	4.790	16.87	60.95
2.50 (0.177)	2.732	9.62	70.57
2.75 (0.149)	2.739	9.64	80.21
3.00 (0.125)	2.994	10.54	90.75
3.25 (0.105)	1.860	6.55	97.30
3.50 (0.088)	0.402	1.42	98.72
3.75 (0.074)	0.171	0.60	99.32
4.00 (0.063)	0.046	0.16	99.48
4.25 (0.053)	0.053	0.19	99.67
4.50 (0.044)	0.052	0.18	99.85
5.00 (0.031)	0.018	0.06	99.92
5.25 (0.026)	0.024	0.08	100.00

TOTAL WEIGHT OF SAMPLE IS 28.4 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.109 (0.232)	0.714 (0.610)	-0.018	1.078

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.120 (0.230)	0.720 (0.607)	0.045	0.624

GRANULOMETRIC DESCRIPTION:

FINE 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
2.092 (0.235)	0.721 (0.607)	-0.305	3.655

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-68 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.155	0.69	0.69
0.00 (1.000)	0.286	1.27	1.96
0.25 (0.841)	0.446	1.98	3.94
0.50 (0.707)	0.431	1.92	5.86
0.75 (0.595)	0.512	2.28	8.14
1.00 (0.500)	0.812	3.61	11.75
1.25 (0.420)	0.633	2.81	14.56
1.50 (0.354)	1.101	4.90	19.46
1.75 (0.297)	0.767	3.41	22.87
2.00 (0.250)	1.866	8.30	31.17
2.25 (0.210)	2.321	10.32	41.49
2.50 (0.177)	1.641	7.30	48.78
2.75 (0.149)	2.388	10.62	59.40
3.00 (0.125)	3.888	17.29	76.69
3.25 (0.105)	3.321	14.77	91.46
3.50 (0.088)	0.975	4.34	95.79
3.75 (0.074)	0.372	1.65	97.45
4.00 (0.063)	0.064	0.28	97.73
4.25 (0.053)	0.195	0.87	98.60
4.50 (0.044)	0.076	0.34	98.94
4.75 (0.037)	0.094	0.42	99.36
5.00 (0.031)	0.145	0.64	100.00

TOTAL WEIGHT OF SAMPLE IS 22.489 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.325 (0.200)	0.915 (0.530)	-0.368	1.082

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.224 (0.214)	0.900 (0.536)	-0.339	0.703

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
2.310 (0.202)	0.951 (0.517)	-0.611	3.331

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-68 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.588	3.17	3.17
0.00 (1.000)	0.415	2.24	5.40
0.25 (0.841)	0.613	3.30	8.71
0.50 (0.707)	0.648	3.49	12.20
0.75 (0.595)	0.829	4.47	16.67
1.00 (0.500)	1.386	7.47	24.14
1.25 (0.420)	1.025	5.52	29.66
1.50 (0.354)	1.542	8.31	37.97
1.75 (0.297)	0.956	5.15	43.12
2.00 (0.250)	1.734	9.34	52.47
2.25 (0.210)	1.547	8.34	60.80
2.50 (0.177)	0.960	5.17	65.98
2.75 (0.149)	1.223	6.59	72.57
3.00 (0.125)	1.793	9.66	82.23
3.25 (0.105)	1.277	6.88	89.11
3.50 (0.088)	0.408	2.20	91.31
3.75 (0.074)	0.316	1.70	93.01
4.00 (0.063)	0.220	1.19	94.20
4.25 (0.053)	0.245	1.32	95.52
4.50 (0.044)	0.332	1.79	97.31
5.00 (0.031)	0.087	0.47	97.77
5.25 (0.026)	0.413	2.23	100.00

TOTAL WEIGHT OF SAMPLE IS 18.557 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.904 (0.267)	1.224 (0.428)	0.009	0.970

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.889 (0.270)	1.176 (0.443)	-0.039	0.785

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
1.942 (0.260)	1.203 (0.434)	0.192	2.669

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-68 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.524	1.28	1.28
-0.50 (1.414)	0.724	1.77	3.05
-0.25 (1.189)	1.634	3.99	7.04
0.00 (1.000)	2.638	6.44	13.47
0.25 (0.841)	5.365	13.10	26.57
0.50 (0.707)	4.533	11.07	37.64
0.75 (0.595)	4.957	12.10	49.74
1.00 (0.500)	5.193	12.68	62.41
1.25 (0.420)	2.552	6.23	68.64
1.50 (0.354)	3.274	7.99	76.64
1.75 (0.297)	1.588	3.88	80.51
2.00 (0.250)	2.791	6.81	87.33
2.25 (0.210)	1.771	4.32	91.65
2.50 (0.177)	0.853	2.08	93.73
2.75 (0.149)	0.616	1.50	95.23
3.00 (0.125)	0.760	1.86	97.09
3.25 (0.105)	0.402	0.98	98.07
3.50 (0.088)	0.153	0.37	98.45
3.75 (0.074)	0.135	0.33	98.77
4.00 (0.063)	0.080	0.20	98.97
4.25 (0.053)	0.116	0.28	99.25
4.50 (0.044)	0.306	0.75	100.00

TOTAL WEIGHT OF SAMPLE IS 40.965 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.894 (0.538)	0.925 (0.527)	0.247	1.030

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.963 (0.513)	0.915 (0.530)	0.227	0.688

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
0.911 (0.532)	0.948 (0.518)	0.879	3.987

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-68 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	1.028	2.61	2.61
-0.50 (1.414)	1.222	3.10	5.71
-0.25 (1.189)	2.209	5.61	11.32
0.00 (1.000)	4.272	10.85	22.17
0.25 (0.841)	6.587	16.73	38.90
0.50 (0.707)	1.165	2.96	41.86
0.75 (0.595)	2.850	7.24	49.10
1.00 (0.500)	1.703	4.32	53.42
1.25 (0.420)	1.677	4.26	57.68
1.50 (0.354)	2.886	7.33	65.01
1.75 (0.297)	1.953	4.96	69.97
2.00 (0.250)	4.217	10.71	80.68
2.25 (0.210)	2.937	7.46	88.14
2.50 (0.177)	1.470	3.73	91.87
2.75 (0.149)	1.100	2.79	94.67
3.00 (0.125)	0.978	2.48	97.15
3.25 (0.105)	0.423	1.07	98.22
3.50 (0.088)	0.135	0.34	98.57
3.75 (0.074)	0.099	0.25	98.82
4.00 (0.063)	0.032	0.08	98.90
4.25 (0.053)	0.073	0.19	99.09
4.50 (0.044)	0.360	0.91	100.00

TOTAL WEIGHT OF SAMPLE IS 39.376 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.924 (0.527)	1.070 (0.476)	0.174	0.750

GRANULOMETRIC DESCRIPTION:

COARSE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.984 (0.505)	1.127 (0.458)	0.162	0.483

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.965 (0.512)	1.104 (0.465)	0.442	2.547

GRANULOMETRIC DESCRIPTION:

COARSE SAND; POORLY SORTED; FINE SKEWED; PLATYKURITIC

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SAMPLE: W-68 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.139	0.46	0.46
-0.50 (1.414)	0.170	0.56	1.02
-0.25 (1.189)	0.312	1.03	2.06
0.00 (1.000)	0.345	1.14	3.20
0.25 (0.841)	0.724	2.40	5.61
0.50 (0.707)	0.957	3.17	8.78
0.75 (0.595)	1.758	5.83	14.61
1.00 (0.500)	3.305	10.96	25.57
1.25 (0.420)	3.207	10.64	36.21
1.50 (0.354)	6.188	20.53	56.74
1.75 (0.297)	3.201	10.62	67.35
2.00 (0.250)	5.100	16.92	84.27
2.25 (0.210)	2.180	7.23	91.50
2.50 (0.177)	0.885	2.94	94.44
2.75 (0.149)	0.715	2.37	96.81
3.00 (0.125)	0.563	1.87	98.68
3.25 (0.105)	0.224	0.74	99.42
3.50 (0.088)	0.063	0.21	99.63
3.75 (0.074)	0.044	0.15	99.77
4.00 (0.063)	0.000	0.00	99.77
4.25 (0.053)	0.029	0.10	99.87
4.50 (0.044)	0.039	0.13	100.00

TOTAL WEIGHT OF SAMPLE IS 30.148 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.399 (0.379)	0.663 (0.632)	-0.043	1.110

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.389 (0.382)	0.607 (0.656)	-0.048	0.954

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
1.411 (0.376)	0.703 (0.614)	-0.124	4.095

GRANULOMETRIC DESCRIPTION:

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

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