

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

SAMPLE: W-48 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.766	3.41	3.41
-0.50 (1.414)	1.395	6.21	9.62
-0.25 (1.189)	1.282	5.71	15.33
0.00 (1.000)	1.281	5.70	21.03
0.25 (0.841)	1.883	8.38	29.42
0.50 (0.707)	1.330	5.92	35.34
0.75 (0.595)	1.490	6.63	41.97
1.00 (0.500)	2.432	10.83	52.80
1.25 (0.420)	1.964	8.74	61.55
1.50 (0.354)	3.075	13.69	75.24
1.75 (0.297)	1.636	7.28	82.52
2.00 (0.250)	2.094	9.32	91.85
2.25 (0.210)	0.874	3.89	95.74
2.50 (0.177)	0.377	1.68	97.42
2.75 (0.149)	0.253	1.13	98.54
3.00 (0.125)	0.196	0.87	99.42
3.25 (0.105)	0.085	0.38	99.80
3.50 (0.088)	0.023	0.10	99.90
3.75 (0.074)	0.011	0.05	99.95
4.00 (0.063)	0.006	0.03	99.97
4.25 (0.053)	0.004	0.02	99.99
4.50 (0.044)	0.002	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 22.459 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.835 (0.561)	0.940 (0.521)	-0.136	0.859

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.784 (0.581)	1.005 (0.498)	-0.150	0.437

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
0.848 (0.556)	0.912 (0.531)	-0.060	2.343

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

PREPARED BY BL ON 03/14/2006

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

SAMPLE: W-48 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.220	1.25	1.25
-0.50 (1.414)	0.676	3.83	5.08
-0.25 (1.189)	0.592	3.35	8.43
0.00 (1.000)	0.637	3.61	12.04
0.25 (0.841)	0.875	4.96	17.00
0.50 (0.707)	0.564	3.20	20.19
0.75 (0.595)	0.673	3.81	24.01
1.00 (0.500)	1.071	6.07	30.07
1.25 (0.420)	1.047	5.93	36.01
1.50 (0.354)	2.054	11.64	47.64
1.75 (0.297)	1.537	8.71	56.35
2.00 (0.250)	2.908	16.48	72.83
2.25 (0.210)	1.987	11.26	84.08
2.50 (0.177)	0.935	5.30	89.38
2.75 (0.149)	0.788	4.46	93.85
3.00 (0.125)	0.658	3.73	97.58
3.25 (0.105)	0.272	1.54	99.12
3.50 (0.088)	0.064	0.36	99.48
3.75 (0.074)	0.039	0.22	99.70
4.00 (0.063)	0.022	0.12	99.82
4.25 (0.053)	0.019	0.11	99.93
4.50 (0.044)	0.012	0.07	100.00

TOTAL WEIGHT OF SAMPLE IS 17.65 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.338 (0.395)	1.017 (0.494)	-0.290	1.086

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.224 (0.428)	1.024 (0.492)	-0.336	0.627

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
1.390 (0.381)	0.980 (0.507)	-0.441	2.645

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-48 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.000	0.00	0.00
-0.50 (1.414)	0.364	1.96	1.96
-0.25 (1.189)	0.384	2.07	4.02
0.00 (1.000)	0.519	2.79	6.82
0.25 (0.841)	0.782	4.21	11.02
0.50 (0.707)	0.592	3.18	14.21
0.75 (0.595)	0.664	3.57	17.78
1.00 (0.500)	1.069	5.75	23.53
1.25 (0.420)	0.984	5.29	28.83
1.50 (0.354)	1.994	10.73	39.55
1.75 (0.297)	1.645	8.85	48.40
2.00 (0.250)	3.171	17.06	65.46
2.25 (0.210)	2.375	12.78	78.24
2.50 (0.177)	1.363	7.33	85.57
2.75 (0.149)	1.203	6.47	92.04
3.00 (0.125)	1.002	5.39	97.43
3.25 (0.105)	0.353	1.90	99.33
3.50 (0.088)	0.067	0.36	99.69
3.75 (0.074)	0.029	0.16	99.85
4.00 (0.063)	0.014	0.08	99.92
4.25 (0.053)	0.009	0.05	99.97
4.50 (0.044)	0.005	0.03	100.00

TOTAL WEIGHT OF SAMPLE IS 18.588 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.615 (0.326)	0.917 (0.529)	-0.265	1.119

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.536 (0.345)	0.911 (0.532)	-0.261	0.675

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
1.591 (0.332)	0.895 (0.538)	-0.547	2.843

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-48 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.687	3.54	3.54
-0.50 (1.414)	0.508	2.62	6.17
-0.25 (1.189)	0.594	3.07	9.23
0.00 (1.000)	0.586	3.02	12.25
0.25 (0.841)	0.684	3.53	15.78
0.50 (0.707)	0.428	2.21	17.99
0.75 (0.595)	0.454	2.34	20.34
1.00 (0.500)	0.661	3.41	23.75
1.25 (0.420)	0.528	2.72	26.47
1.50 (0.354)	1.092	5.63	32.11
1.75 (0.297)	1.014	5.23	37.34
2.00 (0.250)	2.119	10.93	48.27
2.25 (0.210)	2.153	11.11	59.38
2.50 (0.177)	1.680	8.67	68.05
2.75 (0.149)	1.994	10.29	78.34
3.00 (0.125)	2.341	12.08	90.42
3.25 (0.105)	1.192	6.15	96.57
3.50 (0.088)	0.313	1.62	98.18
3.75 (0.074)	0.157	0.81	98.99
4.00 (0.063)	0.075	0.39	99.38
4.25 (0.053)	0.077	0.40	99.78
4.50 (0.044)	0.043	0.22	100.00

TOTAL WEIGHT OF SAMPLE IS 19.38 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.727 (0.302)	1.224 (0.428)	-0.378	1.002

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.571 (0.337)	1.296 (0.407)	-0.361	0.465

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
1.769 (0.293)	1.171 (0.444)	-0.721	2.657

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-48 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.000	0.00	0.00
-0.50 (1.414)	0.000	0.00	0.00
-0.25 (1.189)	0.000	0.00	0.00
0.00 (1.000)	0.476	3.03	3.03
0.25 (0.841)	0.500	3.18	6.21
0.50 (0.707)	0.392	2.49	8.71
0.75 (0.595)	0.506	3.22	11.93
1.00 (0.500)	0.823	5.24	17.16
1.25 (0.420)	0.735	4.68	21.84
1.50 (0.354)	1.352	8.60	30.45
1.75 (0.297)	1.136	7.23	37.68
2.00 (0.250)	2.629	16.73	54.41
2.25 (0.210)	2.177	13.85	68.26
2.50 (0.177)	1.366	8.69	76.96
2.75 (0.149)	1.332	8.48	85.43
3.00 (0.125)	1.373	8.74	94.17
3.25 (0.105)	0.610	3.88	98.05
3.50 (0.088)	0.136	0.87	98.92
3.75 (0.074)	0.092	0.59	99.50
4.00 (0.063)	0.041	0.26	99.76
4.25 (0.053)	0.027	0.17	99.94
4.50 (0.044)	0.010	0.06	100.00

TOTAL WEIGHT OF SAMPLE IS 15.713 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.862 (0.275)	0.880 (0.543)	-0.175	1.078

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.826 (0.282)	0.882 (0.543)	-0.123	0.644

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
1.844 (0.279)	0.846 (0.556)	-0.420	2.832

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-48 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.227	1.21	1.21
-0.50 (1.414)	0.581	3.10	4.31
-0.25 (1.189)	0.485	2.59	6.90
0.00 (1.000)	0.493	2.63	9.53
0.25 (0.841)	0.671	3.58	13.11
0.50 (0.707)	0.498	2.66	15.76
0.75 (0.595)	0.562	3.00	18.76
1.00 (0.500)	0.800	4.27	23.03
1.25 (0.420)	0.621	3.31	26.34
1.50 (0.354)	1.225	6.53	32.88
1.75 (0.297)	1.073	5.72	38.60
2.00 (0.250)	2.318	12.37	50.97
2.25 (0.210)	2.055	10.96	61.93
2.50 (0.177)	1.501	8.01	69.93
2.75 (0.149)	1.693	9.03	78.97
3.00 (0.125)	2.086	11.13	90.09
3.25 (0.105)	1.127	6.01	96.11
3.50 (0.088)	0.360	1.92	98.03
3.75 (0.074)	0.175	0.93	98.96
4.00 (0.063)	0.084	0.45	99.41
4.25 (0.053)	0.067	0.36	99.77
4.50 (0.044)	0.044	0.23	100.00

TOTAL WEIGHT OF SAMPLE IS 18.746 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.788 (0.290)	1.137 (0.455)	-0.287	1.000

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.691 (0.310)	1.172 (0.444)	-0.247	0.552

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
1.789 (0.289)	1.103 (0.466)	-0.614	2.688

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-48 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.892	3.53	3.53
-0.50 (1.414)	1.781	7.04	10.57
-0.25 (1.189)	1.925	7.61	18.18
0.00 (1.000)	1.855	7.33	25.51
0.25 (0.841)	2.341	9.25	34.77
0.50 (0.707)	1.659	6.56	41.32
0.75 (0.595)	1.726	6.82	48.15
1.00 (0.500)	2.123	8.39	56.54
1.25 (0.420)	1.341	5.30	61.84
1.50 (0.354)	2.049	8.10	69.94
1.75 (0.297)	1.126	4.45	74.39
2.00 (0.250)	1.759	6.95	81.35
2.25 (0.210)	1.222	4.83	86.18
2.50 (0.177)	0.748	2.96	89.14
2.75 (0.149)	0.795	3.14	92.28
3.00 (0.125)	0.938	3.71	95.99
3.25 (0.105)	0.499	1.97	97.96
3.50 (0.088)	0.011	0.04	98.00
3.75 (0.074)	0.143	0.57	98.57
4.00 (0.063)	0.115	0.45	99.02
4.25 (0.053)	0.157	0.62	99.64
4.50 (0.044)	0.090	0.36	100.00

TOTAL WEIGHT OF SAMPLE IS 25.295 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.874 (0.546)	1.165 (0.446)	0.128	0.832

GRANULOMETRIC DESCRIPTION:

COARSE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.908 (0.533)	1.229 (0.426)	0.084	0.477

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
0.918 (0.529)	1.153 (0.450)	0.475	2.560

GRANULOMETRIC DESCRIPTION:

COARSE SAND; POORLY SORTED; FINE SKEWED; MESOKURITIC

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