

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

SAMPLE: W-49 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.260	1.60	1.60
-0.50 (1.414)	0.383	2.36	3.95
-0.25 (1.189)	0.450	2.77	6.72
0.00 (1.000)	0.550	3.38	10.11
0.25 (0.841)	1.252	7.70	17.81
0.50 (0.707)	1.448	8.91	26.71
0.75 (0.595)	1.939	11.93	38.64
1.00 (0.500)	2.851	17.53	56.17
1.25 (0.420)	1.916	11.78	67.96
1.50 (0.354)	2.324	14.29	82.25
1.75 (0.297)	1.008	6.20	88.45
2.00 (0.250)	1.070	6.58	95.03
2.25 (0.210)	0.402	2.47	97.50
2.50 (0.177)	0.156	0.96	98.46
2.75 (0.149)	0.109	0.67	99.13
3.00 (0.125)	0.084	0.52	99.65
3.25 (0.105)	0.042	0.26	99.91
3.50 (0.088)	0.007	0.04	99.95
3.75 (0.074)	0.005	0.03	99.98
4.00 (0.063)	0.003	0.02	100.00
4.25 (0.053)	0.000	0.00	100.00
4.50 (0.044)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 16.259 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.891 (0.539)	0.709 (0.612)	-0.070	1.070

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.881 (0.543)	0.690 (0.620)	-0.045	0.743

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
0.900 (0.536)	0.719 (0.608)	-0.055	3.247

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/14/2006

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

SAMPLE: W-49 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.000	0.00	0.00
-0.50 (1.414)	0.191	0.92	0.92
-0.25 (1.189)	0.214	1.03	1.94
0.00 (1.000)	0.379	1.82	3.76
0.25 (0.841)	0.857	4.11	7.87
0.50 (0.707)	1.071	5.14	13.00
0.75 (0.595)	1.486	7.13	20.13
1.00 (0.500)	2.416	11.58	31.71
1.25 (0.420)	2.003	9.60	41.32
1.50 (0.354)	2.992	14.35	55.66
1.75 (0.297)	1.710	8.20	63.86
2.00 (0.250)	2.849	13.66	77.52
2.25 (0.210)	1.725	8.27	85.79
2.50 (0.177)	0.885	4.24	90.04
2.75 (0.149)	0.786	3.77	93.81
3.00 (0.125)	0.743	3.56	97.37
3.25 (0.105)	0.387	1.86	99.22
3.50 (0.088)	0.093	0.45	99.67
3.75 (0.074)	0.040	0.19	99.86
4.00 (0.063)	0.016	0.08	99.94
4.25 (0.053)	0.010	0.05	99.99
4.50 (0.044)	0.003	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 20.856 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.401 (0.379)	0.816 (0.568)	0.019	1.029

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.400 (0.379)	0.795 (0.576)	-0.001	0.734

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
1.417 (0.375)	0.812 (0.570)	0.043	2.806

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-49 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.263	1.34	1.34
0.25 (0.841)	0.268	1.36	2.70
0.50 (0.707)	0.308	1.57	4.27
0.75 (0.595)	0.427	2.17	6.44
1.00 (0.500)	0.649	3.30	9.74
1.25 (0.420)	0.798	4.06	13.80
1.50 (0.354)	1.458	7.42	21.22
1.75 (0.297)	1.314	6.69	27.91
2.00 (0.250)	3.096	15.75	43.66
2.25 (0.210)	2.772	14.10	57.76
2.50 (0.177)	1.809	9.20	66.97
2.75 (0.149)	2.031	10.33	77.30
3.00 (0.125)	2.408	12.25	89.55
3.25 (0.105)	1.369	6.97	96.52
3.50 (0.088)	0.330	1.68	98.20
3.75 (0.074)	0.154	0.78	98.98
4.00 (0.063)	0.049	0.25	99.23
4.25 (0.053)	0.050	0.25	99.49
4.50 (0.044)	0.021	0.11	99.59
4.75 (0.037)	0.034	0.17	99.77
5.00 (0.031)	0.020	0.10	99.87
5.25 (0.026)	0.026	0.13	100.00

TOTAL WEIGHT OF SAMPLE IS 19.654 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.108 (0.232)	0.786 (0.580)	-0.090	1.016

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.105 (0.232)	0.781 (0.582)	-0.009	0.671

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
2.089 (0.235)	0.804 (0.573)	-0.331	3.494

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-49 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.076	0.36	0.36
0.25 (0.841)	0.271	1.27	1.63
0.50 (0.707)	0.280	1.31	2.94
0.75 (0.595)	0.352	1.65	4.59
1.00 (0.500)	0.610	2.86	7.46
1.25 (0.420)	0.568	2.67	10.12
1.50 (0.354)	1.189	5.58	15.70
1.75 (0.297)	1.168	5.48	21.18
2.00 (0.250)	3.123	14.66	35.84
2.25 (0.210)	3.241	15.21	51.05
2.50 (0.177)	2.093	9.82	60.87
2.75 (0.149)	2.359	11.07	71.94
3.00 (0.125)	3.013	14.14	86.08
3.25 (0.105)	1.848	8.67	94.75
3.50 (0.088)	0.455	2.14	96.89
3.75 (0.074)	0.240	1.13	98.01
4.00 (0.063)	0.052	0.24	98.26
4.25 (0.053)	0.122	0.57	98.83
4.50 (0.044)	0.049	0.23	99.06
4.75 (0.037)	0.078	0.37	99.43
5.00 (0.031)	0.033	0.15	99.58
5.25 (0.026)	0.089	0.42	100.00

TOTAL WEIGHT OF SAMPLE IS 21.309 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.237 (0.212)	0.740 (0.599)	-0.077	1.033

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.238 (0.212)	0.725 (0.605)	0.008	0.720

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
2.239 (0.212)	0.795 (0.576)	-0.143	3.992

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: W-49 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.327	1.21	1.21
-0.50 (1.414)	0.674	2.49	3.70
-0.25 (1.189)	0.782	2.89	6.58
0.00 (1.000)	1.097	4.05	10.63
0.25 (0.841)	1.543	5.70	16.33
0.50 (0.707)	1.549	5.72	22.05
0.75 (0.595)	1.988	7.34	29.38
1.00 (0.500)	2.534	9.35	38.74
1.25 (0.420)	1.741	6.43	45.17
1.50 (0.354)	2.590	9.56	54.73
1.75 (0.297)	1.578	5.83	60.55
2.00 (0.250)	2.938	10.85	71.40
2.25 (0.210)	2.101	7.76	79.15
2.50 (0.177)	1.221	4.51	83.66
2.75 (0.149)	1.231	4.54	88.21
3.00 (0.125)	1.481	5.47	93.67
3.25 (0.105)	0.820	3.03	96.70
3.50 (0.088)	0.286	1.06	97.76
3.75 (0.074)	0.166	0.61	98.37
4.00 (0.063)	0.058	0.21	98.58
4.25 (0.053)	0.123	0.45	99.04
4.50 (0.044)	0.261	0.96	100.00

TOTAL WEIGHT OF SAMPLE IS 27.089 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.377 (0.385)	1.101 (0.466)	-0.004	0.946

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.377 (0.385)	1.142 (0.453)	0.001	0.532

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
1.386 (0.383)	1.081 (0.473)	0.151	2.634

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-49 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.327	1.05	1.05
-0.50 (1.414)	0.304	0.98	2.03
-0.25 (1.189)	0.487	1.57	3.60
0.00 (1.000)	0.636	2.05	5.64
0.25 (0.841)	1.319	4.24	9.88
0.50 (0.707)	1.266	4.07	13.96
0.75 (0.595)	1.754	5.64	19.60
1.00 (0.500)	2.810	9.04	28.64
1.25 (0.420)	2.421	7.79	36.42
1.50 (0.354)	4.445	14.30	50.72
1.75 (0.297)	2.536	8.16	58.88
2.00 (0.250)	4.796	15.43	74.30
2.25 (0.210)	2.540	8.17	82.47
2.50 (0.177)	1.210	3.89	86.37
2.75 (0.149)	1.031	3.32	89.68
3.00 (0.125)	1.081	3.48	93.16
3.25 (0.105)	0.615	1.98	95.14
3.50 (0.088)	0.308	0.99	96.13
3.75 (0.074)	0.263	0.85	96.97
4.00 (0.063)	0.126	0.41	97.38
4.25 (0.053)	0.232	0.75	98.12
4.50 (0.044)	0.583	1.88	100.00

TOTAL WEIGHT OF SAMPLE IS 31.09 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.475 (0.360)	0.941 (0.521)	0.017	1.210

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.469 (0.361)	0.879 (0.544)	-0.021	0.884

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
1.525 (0.348)	0.991 (0.503)	0.336	3.640

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-49 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.189	0.75	0.75
-0.50 (1.414)	0.262	1.05	1.80
-0.25 (1.189)	0.439	1.75	3.55
0.00 (1.000)	0.639	2.55	6.10
0.25 (0.841)	1.138	4.54	10.65
0.50 (0.707)	1.227	4.90	15.55
0.75 (0.595)	1.619	6.46	22.01
1.00 (0.500)	2.426	9.69	31.70
1.25 (0.420)	2.195	8.76	40.46
1.50 (0.354)	3.724	14.87	55.33
1.75 (0.297)	2.231	8.91	64.23
2.00 (0.250)	3.798	15.16	79.40
2.25 (0.210)	1.886	7.53	86.93
2.50 (0.177)	0.798	3.19	90.11
2.75 (0.149)	0.620	2.48	92.59
3.00 (0.125)	0.640	2.56	95.14
3.25 (0.105)	0.368	1.47	96.61
3.50 (0.088)	0.181	0.72	97.33
3.75 (0.074)	0.159	0.63	97.97
4.00 (0.063)	0.094	0.38	98.34
4.25 (0.053)	0.121	0.48	98.83
4.50 (0.044)	0.294	1.17	100.00

TOTAL WEIGHT OF SAMPLE IS 25.048 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.360 (0.390)	0.878 (0.544)	-0.037	1.153

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.335 (0.396)	0.818 (0.567)	-0.092	0.892

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
1.412 (0.376)	0.928 (0.526)	0.351	3.826

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/16/2006