

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

SAMPLE: W-69 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.015	0.07	0.07
0.25 (0.841)	0.048	0.24	0.31
0.50 (0.707)	0.080	0.40	0.71
0.75 (0.595)	0.149	0.74	1.44
1.00 (0.500)	0.352	1.74	3.18
1.25 (0.420)	0.352	1.74	4.92
1.50 (0.354)	0.810	4.00	8.92
1.75 (0.297)	0.825	4.07	12.99
2.00 (0.250)	2.212	10.92	23.92
2.25 (0.210)	2.868	14.16	38.08
2.50 (0.177)	2.640	13.04	51.12
2.75 (0.149)	4.060	20.05	71.17
3.00 (0.125)	2.936	14.50	85.67
3.25 (0.105)	2.006	9.91	95.58
3.50 (0.088)	0.473	2.34	97.92
3.75 (0.074)	0.173	0.85	98.77
4.00 (0.063)	0.073	0.36	99.13
4.25 (0.053)	0.067	0.33	99.46
4.50 (0.044)	0.032	0.16	99.62
4.75 (0.037)	0.027	0.13	99.75
5.00 (0.031)	0.009	0.04	99.80
5.25 (0.026)	0.041	0.20	100.00

TOTAL WEIGHT OF SAMPLE IS 20.248 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.423 (0.186)	0.588 (0.665)	-0.190	1.018

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.395 (0.190)	0.576 (0.671)	-0.145	0.718

GRANULOMETRIC DESCRIPTION:

FINE 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
2.394 (0.190)	0.641 (0.641)	-0.336	4.423

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 03/28/2006

*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: W-69 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.085	0.40	0.40
0.00 (1.000)	0.498	2.33	2.73
0.25 (0.841)	1.180	5.53	8.26
0.50 (0.707)	0.941	4.41	12.67
0.75 (0.595)	0.920	4.31	16.98
1.00 (0.500)	1.182	5.54	22.52
1.25 (0.420)	0.759	3.56	26.08
1.50 (0.354)	1.081	5.07	31.14
1.75 (0.297)	0.750	3.51	34.65
2.00 (0.250)	1.949	9.13	43.79
2.25 (0.210)	2.449	11.48	55.26
2.50 (0.177)	1.623	7.60	62.87
2.75 (0.149)	2.345	10.99	73.85
3.00 (0.125)	2.916	13.66	87.52
3.25 (0.105)	1.561	7.31	94.83
3.50 (0.088)	0.407	1.91	96.74
3.75 (0.074)	0.222	1.04	97.78
4.00 (0.063)	0.107	0.50	98.28
4.25 (0.053)	0.091	0.43	98.71
4.50 (0.044)	0.067	0.31	99.02
4.75 (0.037)	0.081	0.38	99.40
5.00 (0.031)	0.128	0.60	100.00

TOTAL WEIGHT OF SAMPLE IS 21.342 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.921 (0.264)	1.041 (0.486)	-0.284	0.814

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.814 (0.284)	1.121 (0.460)	-0.286	0.413

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
1.966 (0.256)	1.044 (0.485)	-0.266	2.541

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

PREPARED BY BL ON 03/27/2006

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

SAMPLE: W-69 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.307	1.51	1.51
-0.50 (1.414)	0.460	2.26	3.77
-0.25 (1.189)	0.669	3.29	7.06
0.00 (1.000)	1.166	5.73	12.79
0.25 (0.841)	1.831	9.00	21.80
0.50 (0.707)	1.384	6.80	28.60
0.75 (0.595)	1.545	7.60	36.20
1.00 (0.500)	1.769	8.70	44.89
1.25 (0.420)	1.066	5.24	50.14
1.50 (0.354)	1.485	7.30	57.44
1.75 (0.297)	0.913	4.49	61.93
2.00 (0.250)	1.860	9.14	71.07
2.25 (0.210)	1.642	8.07	79.14
2.50 (0.177)	0.857	4.21	83.36
2.75 (0.149)	0.972	4.78	88.14
3.00 (0.125)	1.043	5.13	93.26
3.25 (0.105)	0.647	3.18	96.45
3.50 (0.088)	0.236	1.16	97.61
3.75 (0.074)	0.189	0.93	98.53
4.00 (0.063)	0.121	0.59	99.13
4.25 (0.053)	0.106	0.52	99.65
4.50 (0.044)	0.071	0.35	100.00

TOTAL WEIGHT OF SAMPLE IS 20.339 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.289 (0.409)	1.148 (0.451)	0.062	0.828

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.311 (0.403)	1.222 (0.429)	0.055	0.449

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
1.294 (0.408)	1.126 (0.458)	0.223	2.301

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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

SAMPLE: W-69 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.657	2.91	2.91
0.00 (1.000)	0.595	2.63	5.54
0.25 (0.841)	0.964	4.26	9.80
0.50 (0.707)	0.958	4.24	14.04
0.75 (0.595)	1.103	4.88	18.92
1.00 (0.500)	1.607	7.11	26.03
1.25 (0.420)	1.020	4.51	30.54
1.50 (0.354)	1.635	7.23	37.77
1.75 (0.297)	1.076	4.76	42.53
2.00 (0.250)	2.246	9.93	52.46
2.25 (0.210)	2.222	9.83	62.29
2.50 (0.177)	1.333	5.90	68.19
2.75 (0.149)	1.641	7.26	75.45
3.00 (0.125)	1.984	8.78	84.22
3.25 (0.105)	1.363	6.03	90.25
3.50 (0.088)	0.541	2.39	92.64
3.75 (0.074)	0.442	1.96	94.60
4.00 (0.063)	0.286	1.27	95.86
4.25 (0.053)	0.264	1.17	97.03
4.50 (0.044)	0.153	0.68	97.71
4.75 (0.037)	0.193	0.85	98.56
5.00 (0.031)	0.325	1.44	100.00

TOTAL WEIGHT OF SAMPLE IS 22.608 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.844 (0.279)	1.186 (0.439)	-0.072	0.898

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.797 (0.288)	1.197 (0.436)	-0.118	0.621

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
1.882 (0.271)	1.173 (0.444)	0.124	2.627

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/27/2006