

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

SAMPLE: W-62 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-1.00 (2.000)	1.187	3.82	3.82
-0.75 (1.682)	0.731	2.35	6.18
-0.50 (1.414)	1.811	5.83	12.01
-0.25 (1.189)	2.584	8.32	20.34
0.00 (1.000)	2.756	8.88	29.22
0.25 (0.841)	3.878	12.49	41.71
0.50 (0.707)	3.022	9.74	51.44
0.75 (0.595)	3.239	10.43	61.88
1.00 (0.500)	3.658	11.78	73.66
1.25 (0.420)	1.986	6.40	80.06
1.50 (0.354)	2.328	7.50	87.56
1.75 (0.297)	1.064	3.43	90.99
2.00 (0.250)	1.352	4.36	95.34
2.25 (0.210)	0.642	2.07	97.41
2.50 (0.177)	0.279	0.90	98.31
2.75 (0.149)	0.226	0.73	99.04
3.00 (0.125)	0.199	0.64	99.68
3.25 (0.105)	0.073	0.24	99.92
3.50 (0.088)	0.010	0.03	99.95
3.75 (0.074)	0.016	0.05	100.00
4.00 (0.063)	0.000	0.00	100.00
4.25 (0.053)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 31.041 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.488 (0.713)	0.873 (0.546)	0.053	0.999

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.501 (0.707)	0.881 (0.543)	0.043	0.621

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
0.504 (0.705)	0.862 (0.550)	0.318	2.837

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/22/2006

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

SAMPLE: W-62 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-1.00 (2.000)	0.561	2.05	2.05
-0.75 (1.682)	0.364	1.33	3.39
-0.50 (1.414)	0.778	2.85	6.23
-0.25 (1.189)	1.119	4.10	10.33
0.00 (1.000)	1.138	4.16	14.49
0.25 (0.841)	1.577	5.77	20.26
0.50 (0.707)	1.330	4.87	25.13
0.75 (0.595)	1.620	5.93	31.06
1.00 (0.500)	2.226	8.15	39.21
1.25 (0.420)	1.478	5.41	44.62
1.50 (0.354)	2.138	7.82	52.44
1.75 (0.297)	1.157	4.23	56.68
2.00 (0.250)	1.876	6.87	63.54
2.25 (0.210)	1.479	5.41	68.95
2.50 (0.177)	1.035	3.79	72.74
2.75 (0.149)	1.470	5.38	78.12
3.00 (0.125)	2.123	7.77	85.89
3.25 (0.105)	1.823	6.67	92.56
3.50 (0.088)	0.867	3.17	95.74
3.75 (0.074)	0.621	2.27	98.01
4.00 (0.063)	0.290	1.06	99.07
4.25 (0.053)	0.254	0.93	100.00

TOTAL WEIGHT OF SAMPLE IS 27.324 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.475 (0.360)	1.332 (0.397)	0.027	0.786

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.502 (0.353)	1.437 (0.369)	0.056	0.409

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
1.474 (0.360)	1.283 (0.411)	-0.038	2.065

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: W-62 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.268	0.97	0.97
0.25 (0.841)	0.293	1.06	2.03
0.50 (0.707)	0.456	1.65	3.68
0.75 (0.595)	0.650	2.35	6.03
1.00 (0.500)	1.362	4.92	10.95
1.25 (0.420)	1.191	4.31	15.26
1.50 (0.354)	1.952	7.06	22.32
1.75 (0.297)	1.245	4.50	26.82
2.00 (0.250)	2.282	8.25	35.07
2.25 (0.210)	2.105	7.61	42.68
2.50 (0.177)	1.647	5.96	48.64
2.75 (0.149)	2.551	9.22	57.86
3.00 (0.125)	4.066	14.70	72.56
3.25 (0.105)	3.646	13.18	85.74
3.50 (0.088)	1.422	5.14	90.88
3.75 (0.074)	0.821	2.97	93.85
4.00 (0.063)	0.357	1.29	95.14
4.25 (0.053)	0.369	1.33	96.48
4.50 (0.044)	0.218	0.79	97.27
4.75 (0.037)	0.252	0.91	98.18
5.00 (0.031)	0.068	0.25	98.42
5.25 (0.026)	0.436	1.58	100.00

TOTAL WEIGHT OF SAMPLE IS 27.657 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.343 (0.197)	0.990 (0.504)	-0.219	0.977

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.247 (0.211)	0.970 (0.510)	-0.299	0.717

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
2.373 (0.193)	1.024 (0.492)	-0.039	3.005

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-62 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.029	0.12	0.12
0.25 (0.841)	0.047	0.19	0.31
0.50 (0.707)	0.054	0.22	0.52
0.75 (0.595)	0.056	0.22	0.75
1.00 (0.500)	0.153	0.61	1.36
1.25 (0.420)	0.192	0.77	2.13
1.50 (0.354)	0.500	2.01	4.14
1.75 (0.297)	0.496	1.99	6.13
2.00 (0.250)	1.396	5.60	11.74
2.25 (0.210)	0.897	3.60	15.34
2.50 (0.177)	0.354	1.42	16.76
2.75 (0.149)	0.347	1.39	18.15
3.00 (0.125)	0.720	2.89	21.04
3.25 (0.105)	2.053	8.24	29.28
3.50 (0.088)	4.250	17.06	46.35
3.75 (0.074)	5.273	21.17	67.52
4.00 (0.063)	4.005	16.08	83.60
4.25 (0.053)	2.138	8.58	92.18
4.50 (0.044)	0.899	3.61	95.79
4.75 (0.037)	0.578	2.32	98.11
5.00 (0.031)	0.102	0.41	98.52
5.25 (0.026)	0.368	1.48	100.00

TOTAL WEIGHT OF SAMPLE IS 24.907 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
3.307 (0.101)	0.841 (0.558)	-0.397	1.558

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
3.189 (0.110)	0.823 (0.565)	-0.430	0.725

GRANULOMETRIC DESCRIPTION:

VERY 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
3.350 (0.098)	0.857 (0.552)	-1.061	4.173

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: W-62 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.006	0.03	0.03
0.25 (0.841)	0.063	0.27	0.30
0.50 (0.707)	0.065	0.28	0.58
0.75 (0.595)	0.083	0.36	0.95
1.00 (0.500)	0.172	0.75	1.70
1.25 (0.420)	0.144	0.63	2.33
1.50 (0.354)	0.280	1.22	3.55
1.75 (0.297)	0.215	0.94	4.48
2.00 (0.250)	0.460	2.01	6.49
2.25 (0.210)	0.376	1.64	8.13
2.50 (0.177)	0.255	1.11	9.24
2.75 (0.149)	0.388	1.69	10.94
3.00 (0.125)	1.193	5.20	16.14
3.25 (0.105)	2.668	11.64	27.78
3.50 (0.088)	4.326	18.87	46.66
3.75 (0.074)	3.570	15.58	62.23
4.00 (0.063)	3.286	14.34	76.57
4.25 (0.053)	2.372	10.35	86.92
4.50 (0.044)	1.121	4.89	91.81
4.75 (0.037)	0.977	4.26	96.07
5.00 (0.031)	0.145	0.63	96.70
5.25 (0.026)	0.756	3.30	100.00

TOTAL WEIGHT OF SAMPLE IS 22.921 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
3.575 (0.084)	0.732 (0.602)	-0.078	1.505

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
3.586 (0.083)	0.593 (0.663)	0.055	1.422

GRANULOMETRIC DESCRIPTION:

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

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
3.501 (0.088)	0.820 (0.567)	-1.058	5.424

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: W-62 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.179	0.63	0.63
0.25 (0.841)	0.431	1.51	2.14
0.50 (0.707)	0.833	2.93	5.07
0.75 (0.595)	1.522	5.35	10.42
1.00 (0.500)	2.916	10.24	20.66
1.25 (0.420)	2.164	7.60	28.26
1.50 (0.354)	2.976	10.45	38.71
1.75 (0.297)	1.914	6.72	45.44
2.00 (0.250)	3.360	11.80	57.24
2.25 (0.210)	2.408	8.46	65.70
2.50 (0.177)	1.287	4.52	70.22
2.75 (0.149)	1.370	4.81	75.03
3.00 (0.125)	1.422	5.00	80.03
3.25 (0.105)	0.902	3.17	83.20
3.50 (0.088)	0.706	2.48	85.68
3.75 (0.074)	0.844	2.96	88.64
4.00 (0.063)	0.550	1.93	90.57
4.25 (0.053)	0.646	2.27	92.84
4.50 (0.044)	0.435	1.53	94.37
4.75 (0.037)	0.480	1.69	96.06
5.00 (0.031)	0.126	0.44	96.50
5.25 (0.026)	0.997	3.50	100.00

TOTAL WEIGHT OF SAMPLE IS 28.468 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.021 (0.246)	1.232 (0.426)	0.277	1.046

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.109 (0.232)	1.222 (0.429)	0.214	0.677

GRANULOMETRIC DESCRIPTION:

FINE 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
2.057 (0.240)	1.216 (0.431)	0.786	3.022

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; FINE SKEWED; MESOKURITIC

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SAMPLE: W-62 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.079	0.31	0.31
0.25 (0.841)	0.188	0.73	1.04
0.50 (0.707)	0.415	1.61	2.65
0.75 (0.595)	0.912	3.55	6.20
1.00 (0.500)	2.679	10.42	16.61
1.25 (0.420)	2.409	9.37	25.98
1.50 (0.354)	4.026	15.65	41.63
1.75 (0.297)	2.518	9.79	51.42
2.00 (0.250)	4.298	16.71	68.13
2.25 (0.210)	2.701	10.50	78.64
2.50 (0.177)	1.281	4.98	83.62
2.75 (0.149)	1.254	4.88	88.49
3.00 (0.125)	1.150	4.47	92.96
3.25 (0.105)	0.538	2.09	95.05
3.50 (0.088)	0.231	0.90	95.95
3.75 (0.074)	0.224	0.87	96.82
4.00 (0.063)	0.109	0.42	97.25
4.25 (0.053)	0.194	0.75	98.00
4.50 (0.044)	0.095	0.37	98.37
4.75 (0.037)	0.132	0.51	98.88
5.00 (0.031)	0.044	0.17	99.06
5.25 (0.026)	0.243	0.94	100.00

TOTAL WEIGHT OF SAMPLE IS 25.72 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.740 (0.299)	0.774 (0.585)	0.119	1.124

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.752 (0.297)	0.767 (0.588)	0.051	0.680

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
1.782 (0.291)	0.850 (0.555)	1.131	5.328

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-62 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.682	2.89	2.89
-0.25 (1.189)	0.397	1.68	4.57
0.00 (1.000)	0.715	3.03	7.60
0.25 (0.841)	1.345	5.70	13.30
0.50 (0.707)	1.386	5.87	19.17
0.75 (0.595)	1.770	7.50	26.67
1.00 (0.500)	2.245	9.51	36.18
1.25 (0.420)	1.251	5.30	41.48
1.50 (0.354)	1.671	7.08	48.56
1.75 (0.297)	0.938	3.97	52.53
2.00 (0.250)	1.868	7.91	60.44
2.25 (0.210)	1.803	7.64	68.08
2.50 (0.177)	1.342	5.68	73.77
2.75 (0.149)	1.855	7.86	81.62
3.00 (0.125)	2.379	10.08	91.70
3.25 (0.105)	1.053	4.46	96.16
3.50 (0.088)	0.352	1.49	97.65
3.75 (0.074)	0.232	0.98	98.64
4.00 (0.063)	0.070	0.30	98.93
4.25 (0.053)	0.136	0.58	99.51
4.50 (0.044)	0.052	0.22	99.73
4.75 (0.037)	0.064	0.27	100.00

TOTAL WEIGHT OF SAMPLE IS 23.606 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.588 (0.333)	1.126 (0.458)	-0.033	0.755

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.587 (0.333)	1.222 (0.429)	-0.003	0.391

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
1.577 (0.335)	1.113 (0.462)	-0.011	2.168

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

PREPARED BY BL ON 03/23/2006