

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

SAMPLE: W-65 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.107	0.30	0.30
-0.50 (1.414)	0.482	1.36	1.66
-0.25 (1.189)	1.225	3.46	5.13
0.00 (1.000)	1.950	5.51	10.64
0.25 (0.841)	3.802	10.75	21.39
0.50 (0.707)	3.557	10.05	31.44
0.75 (0.595)	4.255	12.03	43.47
1.00 (0.500)	5.974	16.89	60.36
1.25 (0.420)	3.778	10.68	71.03
1.50 (0.354)	4.457	12.60	83.63
1.75 (0.297)	1.768	5.00	88.63
2.00 (0.250)	2.061	5.83	94.46
2.25 (0.210)	0.835	2.36	96.82
2.50 (0.177)	0.336	0.95	97.77
2.75 (0.149)	0.250	0.71	98.47
3.00 (0.125)	0.215	0.61	99.08
3.25 (0.105)	0.138	0.39	99.47
3.50 (0.088)	0.060	0.17	99.64
3.75 (0.074)	0.041	0.12	99.76
4.00 (0.063)	0.015	0.04	99.80
4.25 (0.053)	0.028	0.08	99.88
4.50 (0.044)	0.043	0.12	100.00

TOTAL WEIGHT OF SAMPLE IS 35.377 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.830 (0.563)	0.699 (0.616)	0.005	0.960

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.822 (0.566)	0.697 (0.617)	-0.036	0.662

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; VERY PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
0.868 (0.548)	0.733 (0.602)	0.543	4.065

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/24/2006

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

SAMPLE: W-65 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.045	0.15	0.15
-0.50 (1.414)	0.180	0.61	0.76
-0.25 (1.189)	0.487	1.64	2.40
0.00 (1.000)	0.916	3.08	5.48
0.25 (0.841)	2.109	7.10	12.57
0.50 (0.707)	2.432	8.18	20.76
0.75 (0.595)	3.366	11.33	32.08
1.00 (0.500)	4.848	16.31	48.39
1.25 (0.420)	3.292	11.08	59.47
1.50 (0.354)	4.492	15.11	74.58
1.75 (0.297)	1.953	6.57	81.15
2.00 (0.250)	2.685	9.03	90.19
2.25 (0.210)	1.236	4.16	94.35
2.50 (0.177)	0.525	1.77	96.11
2.75 (0.149)	0.391	1.32	97.43
3.00 (0.125)	0.345	1.16	98.59
3.25 (0.105)	0.185	0.62	99.21
3.50 (0.088)	0.067	0.23	99.44
3.75 (0.074)	0.043	0.14	99.58
4.00 (0.063)	0.013	0.04	99.63
4.25 (0.053)	0.039	0.13	99.76
4.50 (0.044)	0.072	0.24	100.00

TOTAL WEIGHT OF SAMPLE IS 29.721 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.073 (0.475)	0.729 (0.603)	0.086	1.058

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.092 (0.469)	0.737 (0.600)	0.075	0.615

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
1.095 (0.468)	0.749 (0.595)	0.537	4.053

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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

SAMPLE: W-65 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.016	0.07	0.07
-0.50 (1.414)	0.085	0.39	0.46
-0.25 (1.189)	0.300	1.36	1.82
0.00 (1.000)	0.623	2.82	4.64
0.25 (0.841)	1.189	5.39	10.03
0.50 (0.707)	1.368	6.20	16.23
0.75 (0.595)	1.746	7.92	24.15
1.00 (0.500)	2.459	11.15	35.30
1.25 (0.420)	1.786	8.10	43.39
1.50 (0.354)	3.074	13.94	57.33
1.75 (0.297)	1.636	7.42	64.74
2.00 (0.250)	2.811	12.74	77.49
2.25 (0.210)	1.817	8.24	85.72
2.50 (0.177)	0.906	4.11	89.83
2.75 (0.149)	0.750	3.40	93.23
3.00 (0.125)	0.765	3.47	96.70
3.25 (0.105)	0.387	1.75	98.45
3.50 (0.088)	0.130	0.59	99.04
3.75 (0.074)	0.069	0.31	99.36
4.00 (0.063)	0.017	0.08	99.43
4.25 (0.053)	0.046	0.21	99.64
4.50 (0.044)	0.079	0.36	100.00

TOTAL WEIGHT OF SAMPLE IS 22.059 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.352 (0.392)	0.860 (0.551)	0.013	0.992

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.344 (0.394)	0.854 (0.553)	-0.029	0.676

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
1.382 (0.384)	0.865 (0.549)	0.256	3.002

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-65 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.319	1.24	1.24
-0.25 (1.189)	0.358	1.39	2.63
0.00 (1.000)	0.530	2.06	4.69
0.25 (0.841)	0.857	3.33	8.02
0.50 (0.707)	0.831	3.23	11.26
0.75 (0.595)	1.045	4.06	15.32
1.00 (0.500)	1.996	7.76	23.08
1.25 (0.420)	1.417	5.51	28.59
1.50 (0.354)	2.738	10.65	39.23
1.75 (0.297)	1.837	7.14	46.37
2.00 (0.250)	3.736	14.53	60.90
2.25 (0.210)	2.946	11.45	72.35
2.50 (0.177)	1.709	6.64	79.00
2.75 (0.149)	1.946	7.57	86.56
3.00 (0.125)	2.085	8.11	94.67
3.25 (0.105)	0.992	3.86	98.53
3.50 (0.088)	0.231	0.90	99.42
3.75 (0.074)	0.071	0.28	99.70
4.00 (0.063)	0.015	0.06	99.76
4.25 (0.053)	0.020	0.08	99.84
4.50 (0.044)	0.015	0.06	99.90
4.75 (0.037)	0.027	0.10	100.00

TOTAL WEIGHT OF SAMPLE IS 25.721 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.750 (0.297)	0.928 (0.526)	-0.146	0.973

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.719 (0.304)	0.947 (0.519)	-0.099	0.584

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
1.697 (0.308)	0.912 (0.532)	-0.347	2.738

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-65 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.246	1.17	1.17
-0.25 (1.189)	0.312	1.49	2.66
0.00 (1.000)	0.417	1.99	4.66
0.25 (0.841)	0.791	3.78	8.43
0.50 (0.707)	0.817	3.90	12.33
0.75 (0.595)	1.014	4.84	17.18
1.00 (0.500)	1.521	7.26	24.44
1.25 (0.420)	0.869	4.15	28.59
1.50 (0.354)	1.625	7.76	36.35
1.75 (0.297)	1.148	5.48	41.83
2.00 (0.250)	2.299	10.98	52.81
2.25 (0.210)	2.118	10.11	62.92
2.50 (0.177)	1.357	6.48	69.40
2.75 (0.149)	1.611	7.69	77.10
3.00 (0.125)	2.058	9.83	86.93
3.25 (0.105)	1.411	6.74	93.66
3.50 (0.088)	0.516	2.46	96.13
3.75 (0.074)	0.272	1.30	97.43
4.00 (0.063)	0.094	0.45	97.87
4.25 (0.053)	0.145	0.69	98.57
4.50 (0.044)	0.080	0.38	98.95
4.75 (0.037)	0.220	1.05	100.00

TOTAL WEIGHT OF SAMPLE IS 20.941 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.850 (0.277)	1.069 (0.477)	-0.126	0.836

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.807 (0.286)	1.118 (0.461)	-0.115	0.504

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
1.851 (0.277)	1.071 (0.476)	-0.117	2.616

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-65 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.264	1.22	1.22
-0.25 (1.189)	0.412	1.91	3.13
0.00 (1.000)	0.638	2.96	6.09
0.25 (0.841)	0.754	3.49	9.58
0.50 (0.707)	0.695	3.22	12.80
0.75 (0.595)	0.868	4.02	16.83
1.00 (0.500)	1.306	6.05	22.88
1.25 (0.420)	0.738	3.42	26.30
1.50 (0.354)	1.476	6.84	33.14
1.75 (0.297)	1.137	5.27	38.41
2.00 (0.250)	2.811	13.03	51.44
2.25 (0.210)	2.855	13.23	64.67
2.50 (0.177)	1.856	8.60	73.27
2.75 (0.149)	2.065	9.57	82.84
3.00 (0.125)	2.109	9.77	92.61
3.25 (0.105)	1.127	5.22	97.84
3.50 (0.088)	0.303	1.40	99.24
3.75 (0.074)	0.096	0.44	99.68
4.00 (0.063)	0.023	0.11	99.79
4.25 (0.053)	0.008	0.04	99.83
4.50 (0.044)	0.011	0.05	99.88
4.75 (0.037)	0.026	0.12	100.00

TOTAL WEIGHT OF SAMPLE IS 21.578 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.817 (0.284)	1.006 (0.498)	-0.256	0.945

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.739 (0.300)	1.041 (0.486)	-0.224	0.541

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
1.796 (0.288)	0.977 (0.508)	-0.545	2.635

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-65 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.271	1.05	1.05
-0.25 (1.189)	0.387	1.49	2.54
0.00 (1.000)	0.646	2.49	5.03
0.25 (0.841)	1.289	4.97	10.00
0.50 (0.707)	1.377	5.31	15.32
0.75 (0.595)	1.873	7.23	22.54
1.00 (0.500)	2.738	10.56	33.10
1.25 (0.420)	1.723	6.65	39.75
1.50 (0.354)	2.558	9.87	49.62
1.75 (0.297)	1.575	6.08	55.70
2.00 (0.250)	2.987	11.52	67.22
2.25 (0.210)	2.579	9.95	77.17
2.50 (0.177)	1.400	5.40	82.57
2.75 (0.149)	1.582	6.10	88.67
3.00 (0.125)	1.599	6.17	94.84
3.25 (0.105)	0.718	2.77	97.61
3.50 (0.088)	0.215	0.83	98.44
3.75 (0.074)	0.117	0.45	98.89
4.00 (0.063)	0.061	0.24	99.13
4.25 (0.053)	0.063	0.24	99.37
4.50 (0.044)	0.056	0.22	99.59
4.75 (0.037)	0.107	0.41	100.00

TOTAL WEIGHT OF SAMPLE IS 25.921 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.533 (0.346)	0.966 (0.512)	0.009	0.891

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.541 (0.344)	1.017 (0.494)	0.025	0.483

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
1.530 (0.346)	0.967 (0.511)	0.124	2.700

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-65 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.096	0.32	0.32
0.00 (1.000)	0.089	0.29	0.61
0.25 (0.841)	0.221	0.73	1.34
0.50 (0.707)	0.265	0.87	2.21
0.75 (0.595)	0.492	1.62	3.84
1.00 (0.500)	1.448	4.78	8.62
1.25 (0.420)	1.763	5.82	14.44
1.50 (0.354)	4.225	13.95	28.38
1.75 (0.297)	2.797	9.23	37.62
2.00 (0.250)	7.246	23.92	61.53
2.25 (0.210)	4.859	16.04	77.57
2.50 (0.177)	2.062	6.81	84.38
2.75 (0.149)	1.978	6.53	90.91
3.00 (0.125)	1.668	5.51	96.41
3.25 (0.105)	0.716	2.36	98.78
3.50 (0.088)	0.178	0.59	99.36
3.75 (0.074)	0.069	0.23	99.59
4.00 (0.063)	0.035	0.12	99.71
4.25 (0.053)	0.019	0.06	99.77
4.50 (0.044)	0.020	0.07	99.83
4.75 (0.037)	0.025	0.08	99.92
5.00 (0.031)	0.025	0.08	100.00

TOTAL WEIGHT OF SAMPLE IS 30.296 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.881 (0.271)	0.624 (0.649)	-0.001	1.130

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.882 (0.271)	0.604 (0.658)	0.004	0.759

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
1.862 (0.275)	0.646 (0.639)	0.011	4.123

GRANULOMETRIC DESCRIPTION:

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

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