

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

SAMPLE: W-66 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.100	0.41	0.41
-0.50 (1.414)	0.153	0.63	1.04
-0.25 (1.189)	0.245	1.01	2.05
0.00 (1.000)	0.356	1.46	3.51
0.25 (0.841)	0.615	2.53	6.04
0.50 (0.707)	0.694	2.85	8.90
0.75 (0.595)	0.855	3.52	12.41
1.00 (0.500)	1.577	6.49	18.90
1.25 (0.420)	1.365	5.61	24.51
1.50 (0.354)	3.197	13.15	37.66
1.75 (0.297)	2.383	9.80	47.47
2.00 (0.250)	4.848	19.94	67.41
2.25 (0.210)	3.434	14.12	81.53
2.50 (0.177)	1.488	6.12	87.65
2.75 (0.149)	1.381	5.68	93.33
3.00 (0.125)	1.090	4.48	97.82
3.25 (0.105)	0.396	1.63	99.44
3.50 (0.088)	0.085	0.35	99.79
3.75 (0.074)	0.026	0.11	99.90
4.00 (0.063)	0.007	0.03	99.93
4.25 (0.053)	0.006	0.02	99.95
4.50 (0.044)	0.011	0.05	100.00

TOTAL WEIGHT OF SAMPLE IS 24.312 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.674 (0.313)	0.774 (0.585)	-0.217	1.263

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.620 (0.325)	0.731 (0.602)	-0.222	0.843

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
1.651 (0.318)	0.778 (0.583)	-0.563	3.484

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/24/2006

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: W-66 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.293	1.19	1.19
-0.50 (1.414)	0.437	1.77	2.96
-0.25 (1.189)	0.691	2.81	5.77
0.00 (1.000)	0.945	3.84	9.61
0.25 (0.841)	1.338	5.43	15.04
0.50 (0.707)	1.130	4.59	19.62
0.75 (0.595)	1.433	5.82	25.44
1.00 (0.500)	2.044	8.30	33.74
1.25 (0.420)	1.641	6.66	40.40
1.50 (0.354)	2.797	11.36	51.76
1.75 (0.297)	1.893	7.69	59.44
2.00 (0.250)	3.569	14.49	73.93
2.25 (0.210)	2.427	9.85	83.79
2.50 (0.177)	1.280	5.20	88.98
2.75 (0.149)	1.014	4.12	93.10
3.00 (0.125)	1.097	4.45	97.55
3.25 (0.105)	0.452	1.84	99.39
3.50 (0.088)	0.089	0.36	99.75
3.75 (0.074)	0.028	0.11	99.86
4.00 (0.063)	0.000	0.00	99.86
4.25 (0.053)	0.015	0.06	99.92
4.50 (0.044)	0.019	0.08	100.00

TOTAL WEIGHT OF SAMPLE IS 24.632 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.341 (0.395)	0.971 (0.510)	-0.152	1.004

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.281 (0.411)	0.979 (0.507)	-0.184	0.622

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
1.372 (0.386)	0.945 (0.519)	-0.261	2.536

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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

SAMPLE: W-66 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.428	2.00	2.00
-0.25 (1.189)	0.437	2.04	4.03
0.00 (1.000)	0.651	3.04	7.07
0.25 (0.841)	1.118	5.21	12.28
0.50 (0.707)	1.110	5.18	17.46
0.75 (0.595)	1.460	6.81	24.27
1.00 (0.500)	2.493	11.62	35.89
1.25 (0.420)	1.766	8.23	44.12
1.50 (0.354)	3.126	14.58	58.70
1.75 (0.297)	1.919	8.95	67.65
2.00 (0.250)	2.918	13.61	81.26
2.25 (0.210)	1.687	7.87	89.12
2.50 (0.177)	0.709	3.31	92.43
2.75 (0.149)	0.644	3.00	95.43
3.00 (0.125)	0.572	2.67	98.10
3.25 (0.105)	0.281	1.31	99.41
3.50 (0.088)	0.065	0.30	99.71
3.75 (0.074)	0.026	0.12	99.83
4.00 (0.063)	0.004	0.02	99.85
4.25 (0.053)	0.007	0.03	99.88
4.50 (0.044)	0.011	0.05	99.93
4.75 (0.037)	0.014	0.07	100.00

TOTAL WEIGHT OF SAMPLE IS 21.446 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.289 (0.409)	0.851 (0.554)	-0.083	1.056

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.258 (0.418)	0.829 (0.563)	-0.111	0.740

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
1.304 (0.405)	0.842 (0.558)	-0.051	2.908

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-66 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.152	0.69	0.69
0.00 (1.000)	0.109	0.50	1.19
0.25 (0.841)	0.287	1.31	2.50
0.50 (0.707)	0.356	1.62	4.12
0.75 (0.595)	0.597	2.72	6.85
1.00 (0.500)	1.333	6.08	12.92
1.25 (0.420)	1.072	4.89	17.81
1.50 (0.354)	1.612	7.35	25.16
1.75 (0.297)	1.174	5.35	30.52
2.00 (0.250)	2.829	12.90	43.42
2.25 (0.210)	2.687	12.25	55.67
2.50 (0.177)	1.594	7.27	62.94
2.75 (0.149)	1.942	8.86	71.80
3.00 (0.125)	2.647	12.07	83.87
3.25 (0.105)	1.972	8.99	92.86
3.50 (0.088)	0.677	3.09	95.95
3.75 (0.074)	0.399	1.82	97.77
4.00 (0.063)	0.158	0.72	98.49
4.25 (0.053)	0.158	0.72	99.21
4.50 (0.044)	0.067	0.31	99.52
4.75 (0.037)	0.065	0.30	99.81
5.00 (0.031)	0.041	0.19	100.00

TOTAL WEIGHT OF SAMPLE IS 21.928 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.098 (0.234)	0.892 (0.539)	-0.076	0.881

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.080 (0.236)	0.923 (0.527)	-0.058	0.540

GRANULOMETRIC DESCRIPTION:

FINE 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
2.117 (0.230)	0.901 (0.536)	-0.200	2.892

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-66 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.124	0.42	0.42
0.25 (0.841)	0.184	0.62	1.03
0.50 (0.707)	0.331	1.11	2.14
0.75 (0.595)	0.726	2.43	4.57
1.00 (0.500)	1.809	6.06	10.63
1.25 (0.420)	1.656	5.55	16.18
1.50 (0.354)	2.588	8.67	24.84
1.75 (0.297)	1.622	5.43	30.28
2.00 (0.250)	3.001	10.05	40.33
2.25 (0.210)	2.870	9.61	49.94
2.50 (0.177)	2.233	7.48	57.42
2.75 (0.149)	2.566	8.59	66.01
3.00 (0.125)	2.899	9.71	75.72
3.25 (0.105)	2.171	7.27	82.99
3.50 (0.088)	1.303	4.36	87.36
3.75 (0.074)	1.405	4.71	92.06
4.00 (0.063)	0.712	2.38	94.45
4.25 (0.053)	0.641	2.15	96.59
4.50 (0.044)	0.279	0.93	97.53
4.75 (0.037)	0.236	0.79	98.32
5.00 (0.031)	0.092	0.31	98.63
5.25 (0.026)	0.410	1.37	100.00

TOTAL WEIGHT OF SAMPLE IS 29.858 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.267 (0.208)	1.016 (0.495)	0.061	0.916

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.275 (0.207)	1.033 (0.489)	0.022	0.596

GRANULOMETRIC DESCRIPTION:

FINE 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
2.306 (0.202)	1.025 (0.491)	0.278	2.809

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-66 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.215	0.79	0.79
0.25 (0.841)	0.482	1.76	2.55
0.50 (0.707)	0.881	3.22	5.77
0.75 (0.595)	1.654	6.05	11.81
1.00 (0.500)	3.013	11.01	22.83
1.25 (0.420)	2.178	7.96	30.79
1.50 (0.354)	2.853	10.43	41.21
1.75 (0.297)	1.575	5.76	46.97
2.00 (0.250)	3.005	10.98	57.96
2.25 (0.210)	2.627	9.60	67.56
2.50 (0.177)	1.854	6.78	74.33
2.75 (0.149)	1.883	6.88	81.22
3.00 (0.125)	1.833	6.70	87.92
3.25 (0.105)	0.945	3.45	91.37
3.50 (0.088)	0.405	1.48	92.85
3.75 (0.074)	0.407	1.49	94.34
4.00 (0.063)	0.212	0.77	95.11
4.25 (0.053)	0.301	1.10	96.21
4.50 (0.044)	0.180	0.66	96.87
4.75 (0.037)	0.215	0.79	97.66
5.00 (0.031)	0.076	0.28	97.93
5.25 (0.026)	0.565	2.07	100.00

TOTAL WEIGHT OF SAMPLE IS 27.359 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.839 (0.279)	1.036 (0.488)	0.124	0.992

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.849 (0.277)	1.004 (0.498)	0.030	0.754

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.890 (0.270)	1.062 (0.479)	0.791	3.706

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-66 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.347	1.35	1.35
0.25 (0.841)	0.502	1.95	3.30
0.50 (0.707)	0.723	2.81	6.11
0.75 (0.595)	1.269	4.93	11.05
1.00 (0.500)	2.263	8.80	19.85
1.25 (0.420)	1.663	6.47	26.31
1.50 (0.354)	2.242	8.72	35.03
1.75 (0.297)	1.299	5.05	40.08
2.00 (0.250)	1.574	6.12	46.20
2.25 (0.210)	1.119	4.35	50.55
2.50 (0.177)	1.046	4.07	54.62
2.75 (0.149)	2.042	7.94	62.56
3.00 (0.125)	3.838	14.92	77.49
3.25 (0.105)	2.462	9.57	87.06
3.50 (0.088)	0.847	3.29	90.35
3.75 (0.074)	0.738	2.87	93.22
4.00 (0.063)	0.390	1.52	94.74
4.25 (0.053)	0.473	1.84	96.58
4.50 (0.044)	0.259	1.01	97.59
4.75 (0.037)	0.209	0.81	98.40
5.00 (0.031)	0.059	0.23	98.63
5.25 (0.026)	0.353	1.37	100.00

TOTAL WEIGHT OF SAMPLE IS 25.717 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.093 (0.234)	1.121 (0.460)	-0.082	0.847

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.030 (0.245)	1.140 (0.454)	-0.165	0.594

GRANULOMETRIC DESCRIPTION:

FINE 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
2.147 (0.226)	1.136 (0.455)	0.153	2.451

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-66 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.145	0.57	0.57
0.25 (0.841)	0.564	2.20	2.77
0.50 (0.707)	1.092	4.27	7.04
0.75 (0.595)	2.339	9.14	16.17
1.00 (0.500)	4.170	16.29	32.46
1.25 (0.420)	2.733	10.68	43.14
1.50 (0.354)	3.499	13.67	56.80
1.75 (0.297)	1.715	6.70	63.50
2.00 (0.250)	2.875	11.23	74.73
2.25 (0.210)	1.822	7.12	81.85
2.50 (0.177)	1.011	3.95	85.80
2.75 (0.149)	1.028	4.02	89.82
3.00 (0.125)	1.024	4.00	93.82
3.25 (0.105)	0.495	1.93	95.75
3.50 (0.088)	0.222	0.87	96.62
3.75 (0.074)	0.199	0.78	97.39
4.00 (0.063)	0.126	0.49	97.89
4.25 (0.053)	0.128	0.50	98.39
4.50 (0.044)	0.079	0.31	98.70
4.75 (0.037)	0.099	0.39	99.08
5.00 (0.031)	0.037	0.14	99.23
5.25 (0.026)	0.198	0.77	100.00

TOTAL WEIGHT OF SAMPLE IS 25.6 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.502 (0.353)	0.830 (0.562)	0.257	1.011

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.566 (0.338)	0.820 (0.566)	0.232	0.690

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
1.546 (0.342)	0.906 (0.534)	1.122	4.814

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/27/2006