

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

SAMPLE: WD-17 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.160	0.78	0.78
0.25 (0.841)	0.336	1.63	2.41
0.50 (0.707)	0.415	2.01	4.42
0.75 (0.595)	0.699	3.39	7.81
1.00 (0.500)	1.655	8.03	15.83
1.25 (0.420)	1.418	6.88	22.71
1.50 (0.354)	3.007	14.58	37.29
1.75 (0.297)	2.139	10.37	47.66
2.00 (0.250)	4.228	20.50	68.16
2.25 (0.210)	2.593	12.57	80.74
2.50 (0.177)	1.054	5.11	85.85
2.75 (0.149)	0.618	3.00	88.84
3.00 (0.125)	0.358	1.74	90.58
3.25 (0.105)	1.866	9.05	99.63
3.50 (0.088)	0.008	0.04	99.67
3.75 (0.074)	0.016	0.08	99.74
4.00 (0.063)	0.020	0.10	99.84
4.25 (0.053)	0.005	0.02	99.86
4.50 (0.044)	0.017	0.08	99.95
4.75 (0.037)	0.003	0.01	99.96
5.00 (0.031)	0.002	0.01	99.97
5.25 (0.026)	0.006	0.03	100.00

TOTAL WEIGHT OF SAMPLE IS 20.623 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.731 (0.301)	0.742 (0.598)	-0.029	1.248

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.708 (0.306)	0.702 (0.615)	-0.101	0.838

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
1.746 (0.298)	0.734 (0.601)	0.147	3.138

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 01/23/2006

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: WD-17 2.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.079	0.41	0.41
0.25 (0.841)	0.183	0.95	1.36
0.50 (0.707)	0.219	1.14	2.50
0.75 (0.595)	0.353	1.84	4.34
1.00 (0.500)	0.857	4.46	8.79
1.25 (0.420)	0.803	4.17	12.97
1.50 (0.354)	2.074	10.78	23.75
1.75 (0.297)	1.952	10.15	33.90
2.00 (0.250)	5.276	27.43	61.33
2.25 (0.210)	4.175	21.71	83.03
2.50 (0.177)	1.733	9.01	92.04
2.75 (0.149)	0.918	4.77	96.81
3.00 (0.125)	0.452	2.35	99.16
3.25 (0.105)	0.131	0.68	99.84
3.50 (0.088)	0.015	0.08	99.92
3.75 (0.074)	0.009	0.05	99.97
4.00 (0.063)	0.004	0.02	99.99
4.25 (0.053)	0.000	0.00	99.99
4.50 (0.044)	0.002	0.01	100.00
4.75 (0.037)	0.000	0.00	100.00
5.00 (0.031)	0.000	0.00	100.00
5.25 (0.026)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 19.235 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.831 (0.281)	0.522 (0.696)	-0.197	1.222

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.799 (0.287)	0.478 (0.718)	-0.205	0.953

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; WELL SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.825 (0.282)	0.548 (0.684)	-0.668	4.134

GRANULOMETRIC DESCRIPTION:

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

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: WD-17 4.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.082	0.41	0.41
0.25 (0.841)	0.233	1.18	1.59
0.50 (0.707)	0.251	1.27	2.86
0.75 (0.595)	0.409	2.06	4.92
1.00 (0.500)	0.890	4.49	9.41
1.25 (0.420)	0.791	3.99	13.41
1.50 (0.354)	1.890	9.54	22.95
1.75 (0.297)	1.644	8.30	31.25
2.00 (0.250)	4.160	21.00	52.25
2.25 (0.210)	3.938	19.88	72.13
2.50 (0.177)	2.245	11.33	83.46
2.75 (0.149)	1.607	8.11	91.57
3.00 (0.125)	1.114	5.62	97.20
3.25 (0.105)	0.424	2.14	99.34
3.50 (0.088)	0.087	0.44	99.78
3.75 (0.074)	0.031	0.16	99.93
4.00 (0.063)	0.009	0.05	99.98
4.25 (0.053)	0.002	0.01	99.99
4.50 (0.044)	0.002	0.01	100.00
4.75 (0.037)	0.000	0.00	100.00
5.00 (0.031)	0.000	0.00	100.00
5.25 (0.026)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 19.809 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.936 (0.261)	0.625 (0.648)	-0.114	1.171

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.917 (0.265)	0.599 (0.660)	-0.093	0.792

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
1.919 (0.264)	0.634 (0.645)	-0.503	3.507

GRANULOMETRIC DESCRIPTION:

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

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: WD-17 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.193	0.86	0.86
0.25 (0.841)	0.390	1.73	2.59
0.50 (0.707)	0.447	1.98	4.57
0.75 (0.595)	0.575	2.55	7.12
1.00 (0.500)	1.031	4.58	11.70
1.25 (0.420)	0.864	3.83	15.53
1.50 (0.354)	1.837	8.15	23.68
1.75 (0.297)	1.644	7.30	30.98
2.00 (0.250)	4.271	18.95	49.93
2.25 (0.210)	3.727	16.54	66.47
2.50 (0.177)	2.091	9.28	75.75
2.75 (0.149)	1.570	6.97	82.72
3.00 (0.125)	1.164	5.17	87.88
3.25 (0.105)	2.310	10.25	98.14
3.50 (0.088)	0.106	0.47	98.61
3.75 (0.074)	0.073	0.32	98.93
4.00 (0.063)	0.058	0.26	99.19
4.25 (0.053)	0.032	0.14	99.33
4.50 (0.044)	0.039	0.17	99.50
4.75 (0.037)	0.034	0.15	99.65
5.00 (0.031)	0.020	0.09	99.74
5.25 (0.026)	0.058	0.26	100.00

TOTAL WEIGHT OF SAMPLE IS 22.534 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.026 (0.246)	0.786 (0.580)	-0.030	1.154

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.038 (0.243)	0.774 (0.585)	0.048	0.700

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
1.993 (0.251)	0.794 (0.577)	-0.079	3.693

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: WD-17 8.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.174	0.75	0.75
0.25 (0.841)	0.361	1.55	2.29
0.50 (0.707)	0.445	1.91	4.20
0.75 (0.595)	0.605	2.59	6.80
1.00 (0.500)	1.040	4.46	11.26
1.25 (0.420)	0.891	3.82	15.08
1.50 (0.354)	1.796	7.70	22.78
1.75 (0.297)	1.598	6.85	29.64
2.00 (0.250)	3.556	15.25	44.89
2.25 (0.210)	3.138	13.46	58.35
2.50 (0.177)	1.854	7.95	66.30
2.75 (0.149)	1.638	7.03	73.32
3.00 (0.125)	1.666	7.15	80.47
3.25 (0.105)	2.749	11.79	92.26
3.50 (0.088)	0.274	1.18	93.43
3.75 (0.074)	0.237	1.02	94.45
4.00 (0.063)	0.188	0.81	95.26
4.25 (0.053)	0.156	0.67	95.93
4.50 (0.044)	0.167	0.72	96.64
4.75 (0.037)	0.178	0.76	97.41
5.00 (0.031)	0.059	0.25	97.66
5.25 (0.026)	0.546	2.34	100.00

TOTAL WEIGHT OF SAMPLE IS 23.316 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.150 (0.225)	0.955 (0.516)	0.092	1.116

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.177 (0.221)	0.898 (0.537)	0.092	0.863

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
2.177 (0.221)	0.989 (0.504)	0.493	3.905

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: WD-17 10.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.137	0.54	0.54
0.25 (0.841)	0.251	0.98	1.52
0.50 (0.707)	0.235	0.92	2.44
0.75 (0.595)	0.222	0.87	3.31
1.00 (0.500)	0.393	1.54	4.85
1.25 (0.420)	0.443	1.73	6.58
1.50 (0.354)	1.091	4.27	10.85
1.75 (0.297)	1.147	4.49	15.34
2.00 (0.250)	3.691	14.45	29.78
2.25 (0.210)	4.041	15.81	45.60
2.50 (0.177)	2.848	11.15	56.74
2.75 (0.149)	2.733	10.70	67.44
3.00 (0.125)	3.212	12.57	80.01
3.25 (0.105)	3.934	15.40	95.41
3.50 (0.088)	0.514	2.01	97.42
3.75 (0.074)	0.248	0.97	98.39
4.00 (0.063)	0.111	0.43	98.82
4.25 (0.053)	0.055	0.22	99.04
4.50 (0.044)	0.057	0.22	99.26
4.75 (0.037)	0.052	0.20	99.46
5.00 (0.031)	0.027	0.11	99.57
5.25 (0.026)	0.110	0.43	100.00

TOTAL WEIGHT OF SAMPLE IS 25.552 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.392 (0.191)	0.662 (0.632)	-0.048	0.926

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.413 (0.188)	0.652 (0.637)	0.099	0.704

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
2.344 (0.197)	0.746 (0.596)	-0.332	4.446

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: WD-17 11.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.124	0.55	0.55
0.25 (0.841)	0.239	1.05	1.60
0.50 (0.707)	0.253	1.12	2.72
0.75 (0.595)	0.272	1.20	3.92
1.00 (0.500)	0.575	2.54	6.46
1.25 (0.420)	0.577	2.55	9.00
1.50 (0.354)	1.284	5.67	14.67
1.75 (0.297)	1.313	5.80	20.47
2.00 (0.250)	3.297	14.55	35.02
2.25 (0.210)	3.224	14.23	49.25
2.50 (0.177)	2.228	9.83	59.08
2.75 (0.149)	2.213	9.77	68.85
3.00 (0.125)	2.578	11.38	80.23
3.25 (0.105)	3.436	15.17	95.39
3.50 (0.088)	0.376	1.66	97.05
3.75 (0.074)	0.200	0.88	97.93
4.00 (0.063)	0.095	0.42	98.35
4.25 (0.053)	0.075	0.33	98.68
4.50 (0.044)	0.058	0.26	98.94
4.75 (0.037)	0.075	0.33	99.27
5.00 (0.031)	0.047	0.21	99.48
5.25 (0.026)	0.118	0.52	100.00

TOTAL WEIGHT OF SAMPLE IS 22.657 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.296 (0.204)	0.738 (0.600)	-0.065	0.925

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.310 (0.202)	0.752 (0.594)	0.054	0.586

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
2.283 (0.206)	0.801 (0.574)	-0.143	3.993

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: WD-17 13.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.480	1.91	1.91
0.25 (0.841)	0.705	2.80	4.70
0.50 (0.707)	0.757	3.01	7.71
0.75 (0.595)	0.840	3.34	11.05
1.00 (0.500)	1.202	4.77	15.82
1.25 (0.420)	0.838	3.33	19.14
1.50 (0.354)	1.429	5.67	24.82
1.75 (0.297)	1.147	4.55	29.37
2.00 (0.250)	2.487	9.87	39.25
2.25 (0.210)	2.493	9.90	49.14
2.50 (0.177)	1.686	6.69	55.84
2.75 (0.149)	1.698	6.74	62.58
3.00 (0.125)	2.205	8.75	71.33
3.25 (0.105)	3.280	13.02	84.36
3.50 (0.088)	0.527	2.09	86.45
3.75 (0.074)	0.465	1.85	88.30
4.00 (0.063)	0.322	1.28	89.57
4.25 (0.053)	0.267	1.06	90.63
4.50 (0.044)	0.298	1.18	91.82
4.75 (0.037)	0.303	1.20	93.02
5.00 (0.031)	0.146	0.58	93.60
5.25 (0.026)	1.612	6.40	100.00

TOTAL WEIGHT OF SAMPLE IS 25.187 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.180 (0.221)	1.282 (0.411)	0.011	1.255

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.128 (0.229)	1.115 (0.462)	-0.138	1.144

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.349 (0.196)	1.262 (0.417)	0.323	2.904

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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