

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

SAMPLE: WD-12 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.668	3.21	3.21
0.25 (0.841)	0.365	1.75	4.96
0.50 (0.707)	0.287	1.38	6.33
0.75 (0.595)	0.346	1.66	7.99
1.00 (0.500)	1.039	4.99	12.98
1.25 (0.420)	1.249	5.99	18.97
1.50 (0.354)	3.385	16.24	35.21
1.75 (0.297)	2.681	12.86	48.08
2.00 (0.250)	5.408	25.95	74.03
2.25 (0.210)	3.032	14.55	88.58
2.50 (0.177)	1.161	5.57	94.15
2.75 (0.149)	0.696	3.34	97.49
3.00 (0.125)	0.375	1.80	99.29
3.25 (0.105)	0.110	0.53	99.81
3.50 (0.088)	0.026	0.12	99.94
3.75 (0.074)	0.009	0.04	99.98
4.00 (0.063)	0.001	0.00	99.99
4.25 (0.053)	0.000	0.00	99.99
4.50 (0.044)	0.000	0.00	99.99
4.75 (0.037)	0.001	0.00	99.99
5.00 (0.031)	0.000	0.00	99.99
5.25 (0.026)	0.002	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 20.841 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.689 (0.310)	0.611 (0.655)	-0.270	1.402

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.649 (0.319)	0.523 (0.696)	-0.229	1.206

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.648 (0.319)	0.627 (0.648)	-0.747	4.175

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WD-12 4.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.002	0.01	0.01
-0.50 (1.414)	0.028	0.20	0.21
-0.25 (1.189)	0.051	0.36	0.57
0.00 (1.000)	0.072	0.51	1.08
0.25 (0.841)	0.260	1.83	2.90
0.50 (0.707)	0.249	1.75	4.66
0.75 (0.595)	0.406	2.86	7.51
1.00 (0.500)	0.690	4.85	12.36
1.25 (0.420)	0.677	4.76	17.12
1.50 (0.354)	1.810	12.73	29.85
1.75 (0.297)	1.471	10.34	40.20
2.00 (0.250)	3.269	22.99	63.19
2.25 (0.210)	2.456	17.27	80.46
2.50 (0.177)	1.072	7.54	88.00
2.75 (0.149)	0.752	5.29	93.28
3.00 (0.125)	0.501	3.52	96.81
3.25 (0.105)	0.198	1.39	98.20
3.50 (0.088)	0.064	0.45	98.65
3.75 (0.074)	0.040	0.28	98.93
4.00 (0.063)	0.030	0.21	99.14
4.25 (0.053)	0.024	0.17	99.31
4.50 (0.044)	0.098	0.69	100.00

TOTAL WEIGHT OF SAMPLE IS 14.22 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.805 (0.286)	0.649 (0.638)	-0.132	1.252

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.779 (0.291)	0.588 (0.665)	-0.132	0.990

GRANULOMETRIC DESCRIPTION:

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

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.794 (0.288)	0.703 (0.614)	-0.065	4.588

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

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

SAMPLE: WD-12 6.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.779	3.45	3.45
0.25 (0.841)	0.506	2.24	5.69
0.50 (0.707)	0.366	1.62	7.31
0.75 (0.595)	0.416	1.84	9.16
1.00 (0.500)	0.855	3.79	12.95
1.25 (0.420)	0.901	3.99	16.94
1.50 (0.354)	2.328	10.31	27.25
1.75 (0.297)	1.973	8.74	35.99
2.00 (0.250)	5.335	23.64	59.63
2.25 (0.210)	4.211	18.66	78.29
2.50 (0.177)	2.105	9.33	87.61
2.75 (0.149)	1.419	6.29	93.90
3.00 (0.125)	0.909	4.03	97.93
3.25 (0.105)	0.302	1.34	99.26
3.50 (0.088)	0.096	0.43	99.69
3.75 (0.074)	0.032	0.14	99.83
4.00 (0.063)	0.010	0.04	99.88
4.25 (0.053)	0.008	0.04	99.91
4.50 (0.044)	0.006	0.03	99.94
4.75 (0.037)	0.010	0.04	99.98
5.00 (0.031)	0.003	0.01	100.00
5.25 (0.026)	0.001	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 22.571 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.831 (0.281)	0.704 (0.614)	-0.235	1.426

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.797 (0.288)	0.606 (0.657)	-0.167	1.183

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.789 (0.289)	0.715 (0.609)	-0.729	3.945

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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

SAMPLE: WD-12 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.766	3.91	3.91
0.25 (0.841)	0.410	2.09	6.00
0.50 (0.707)	0.254	1.30	7.30
0.75 (0.595)	0.285	1.46	8.76
1.00 (0.500)	0.557	2.84	11.60
1.25 (0.420)	0.555	2.83	14.43
1.50 (0.354)	1.388	7.09	21.52
1.75 (0.297)	1.370	7.00	28.52
2.00 (0.250)	3.685	18.82	47.33
2.25 (0.210)	3.721	19.00	66.33
2.50 (0.177)	2.390	12.20	78.53
2.75 (0.149)	1.859	9.49	88.03
3.00 (0.125)	1.512	7.72	95.75
3.25 (0.105)	0.554	2.83	98.58
3.50 (0.088)	0.180	0.92	99.49
3.75 (0.074)	0.052	0.27	99.76
4.00 (0.063)	0.020	0.10	99.86
4.25 (0.053)	0.008	0.04	99.90
4.50 (0.044)	0.006	0.03	99.93
4.75 (0.037)	0.009	0.05	99.98
5.00 (0.031)	0.003	0.02	99.99
5.25 (0.026)	0.001	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 19.585 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.995 (0.251)	0.766 (0.588)	-0.215	1.452

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.975 (0.254)	0.669 (0.629)	-0.090	1.126

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.936 (0.261)	0.771 (0.586)	-0.846	3.920

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: WD-12 11.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.000	0.00	0.00
-0.50 (1.414)	0.090	0.75	0.75
-0.25 (1.189)	0.174	1.46	2.21
0.00 (1.000)	0.292	2.44	4.65
0.25 (0.841)	0.424	3.55	8.20
0.50 (0.707)	0.321	2.69	10.89
0.75 (0.595)	0.331	2.77	13.66
1.00 (0.500)	0.436	3.65	17.31
1.25 (0.420)	0.361	3.02	20.33
1.50 (0.354)	0.846	7.08	27.41
1.75 (0.297)	0.695	5.82	33.23
2.00 (0.250)	1.655	13.85	47.08
2.25 (0.210)	1.794	15.02	62.10
2.50 (0.177)	1.262	10.56	72.66
2.75 (0.149)	1.219	10.20	82.87
3.00 (0.125)	1.192	9.98	92.84
3.25 (0.105)	0.560	4.69	97.53
3.50 (0.088)	0.142	1.19	98.72
3.75 (0.074)	0.061	0.51	99.23
4.00 (0.063)	0.015	0.13	99.36
4.25 (0.053)	0.030	0.25	99.61
4.50 (0.044)	0.047	0.39	100.00

TOTAL WEIGHT OF SAMPLE IS 11.947 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.912 (0.266)	0.935 (0.523)	-0.264	1.109

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.844 (0.278)	0.934 (0.523)	-0.219	0.654

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
1.898 (0.268)	0.925 (0.527)	-0.651	3.125

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: WD-12 14.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.527	2.54	2.54
0.25 (0.841)	0.316	1.52	4.07
0.50 (0.707)	0.278	1.34	5.41
0.75 (0.595)	0.319	1.54	6.95
1.00 (0.500)	0.524	2.53	9.47
1.25 (0.420)	0.439	2.12	11.59
1.50 (0.354)	0.944	4.55	16.15
1.75 (0.297)	0.868	4.19	20.33
2.00 (0.250)	2.350	11.34	31.67
2.25 (0.210)	2.881	13.90	45.57
2.50 (0.177)	2.339	11.28	56.85
2.75 (0.149)	2.561	12.35	69.20
3.00 (0.125)	3.136	15.13	84.33
3.25 (0.105)	1.711	8.25	92.59
3.50 (0.088)	0.814	3.93	96.51
3.75 (0.074)	0.314	1.51	98.03
4.00 (0.063)	0.129	0.62	98.65
4.25 (0.053)	0.074	0.36	99.01
4.50 (0.044)	0.049	0.24	99.24
4.75 (0.037)	0.061	0.29	99.54
5.00 (0.031)	0.033	0.16	99.70
5.25 (0.026)	0.063	0.30	100.00

TOTAL WEIGHT OF SAMPLE IS 20.73 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.278 (0.206)	0.827 (0.564)	-0.216	1.230

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.243 (0.211)	0.751 (0.594)	-0.140	0.983

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.257 (0.209)	0.869 (0.547)	-0.595	3.965

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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