

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

SAMPLE: W-44 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-1.00 (2.000)	0.658	2.15	2.15
-0.75 (1.682)	0.437	1.43	3.58
-0.50 (1.414)	1.099	3.59	7.17
-0.25 (1.189)	1.073	3.51	10.67
0.00 (1.000)	1.364	4.46	15.13
0.25 (0.841)	2.193	7.17	22.30
0.50 (0.707)	2.394	7.82	30.12
0.75 (0.595)	3.370	11.01	41.13
1.00 (0.500)	5.040	16.47	57.59
1.25 (0.420)	3.415	11.16	68.75
1.50 (0.354)	4.362	14.25	83.00
1.75 (0.297)	1.769	5.78	88.78
2.00 (0.250)	1.975	6.45	95.24
2.25 (0.210)	0.727	2.38	97.61
2.50 (0.177)	0.274	0.90	98.51
2.75 (0.149)	0.197	0.64	99.15
3.00 (0.125)	0.149	0.49	99.64
3.25 (0.105)	0.061	0.20	99.84
3.50 (0.088)	0.020	0.07	99.90
3.75 (0.074)	0.014	0.05	99.95
4.00 (0.063)	0.000	0.00	99.95
4.25 (0.053)	0.016	0.05	100.00

TOTAL WEIGHT OF SAMPLE IS 30.607 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.819 (0.567)	0.778 (0.583)	-0.146	1.058

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.787 (0.580)	0.756 (0.592)	-0.130	0.746

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.825 (0.565)	0.796 (0.576)	-0.218	3.194

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/16/2006

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SAMPLE: W-44 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	1.168	4.48	4.48
0.00 (1.000)	0.622	2.39	6.87
0.25 (0.841)	1.234	4.73	11.60
0.50 (0.707)	1.476	5.66	17.26
0.75 (0.595)	2.402	9.21	26.48
1.00 (0.500)	4.462	17.12	43.59
1.25 (0.420)	3.715	14.25	57.84
1.50 (0.354)	4.533	17.39	75.23
1.75 (0.297)	2.003	7.68	82.92
2.00 (0.250)	2.385	9.15	92.07
2.25 (0.210)	0.969	3.72	95.78
2.50 (0.177)	0.390	1.50	97.28
2.75 (0.149)	0.268	1.03	98.31
3.00 (0.125)	0.248	0.95	99.26
3.25 (0.105)	0.119	0.46	99.72
3.50 (0.088)	0.034	0.13	99.85
3.75 (0.074)	0.015	0.06	99.90
4.00 (0.063)	0.010	0.04	99.94
4.25 (0.053)	0.006	0.02	99.97
4.50 (0.044)	0.004	0.02	99.98
4.75 (0.037)	0.005	0.02	100.00
5.00 (0.031)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 26.068 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.112 (0.463)	0.696 (0.617)	-0.047	1.247

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.112 (0.463)	0.668 (0.630)	-0.001	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
1.104 (0.465)	0.695 (0.618)	0.113	3.540

GRANULOMETRIC DESCRIPTION:

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

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

SAMPLE: W-44 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.726	3.73	3.73
0.00 (1.000)	0.330	1.69	5.42
0.25 (0.841)	0.729	3.74	9.16
0.50 (0.707)	0.853	4.38	13.54
0.75 (0.595)	1.349	6.92	20.47
1.00 (0.500)	2.356	12.09	32.56
1.25 (0.420)	1.765	9.06	41.62
1.50 (0.354)	2.189	11.24	52.85
1.75 (0.297)	1.329	6.82	59.68
2.00 (0.250)	2.180	11.19	70.87
2.25 (0.210)	1.755	9.01	79.87
2.50 (0.177)	0.927	4.76	84.63
2.75 (0.149)	1.025	5.26	89.89
3.00 (0.125)	1.120	5.75	95.64
3.25 (0.105)	0.591	3.03	98.68
3.50 (0.088)	0.141	0.72	99.40
3.75 (0.074)	0.058	0.30	99.70
4.00 (0.063)	0.015	0.08	99.77
4.25 (0.053)	0.019	0.10	99.87
4.50 (0.044)	0.010	0.05	99.92
4.75 (0.037)	0.010	0.05	99.97
5.00 (0.031)	0.005	0.03	100.00

TOTAL WEIGHT OF SAMPLE IS 19.482 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.497 (0.354)	0.929 (0.525)	0.055	0.978

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.528 (0.347)	0.939 (0.522)	0.097	0.616

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
1.482 (0.358)	0.907 (0.533)	0.057	2.556

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-44 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.515	2.84	2.84
-0.25 (1.189)	0.499	2.75	5.59
0.00 (1.000)	0.473	2.61	8.20
0.25 (0.841)	0.720	3.97	12.17
0.50 (0.707)	0.799	4.41	16.57
0.75 (0.595)	0.902	4.97	21.55
1.00 (0.500)	1.094	6.03	27.58
1.25 (0.420)	0.954	5.26	32.84
1.50 (0.354)	1.247	6.88	39.72
1.75 (0.297)	1.023	5.64	45.36
2.00 (0.250)	2.215	12.21	57.57
2.25 (0.210)	1.999	11.02	68.59
2.50 (0.177)	1.290	7.11	75.71
2.75 (0.149)	1.411	7.78	83.49
3.00 (0.125)	1.620	8.93	92.42
3.25 (0.105)	0.896	4.94	97.36
3.50 (0.088)	0.218	1.20	98.56
3.75 (0.074)	0.112	0.62	99.18
4.00 (0.063)	0.053	0.29	99.47
4.25 (0.053)	0.039	0.22	99.69
4.50 (0.044)	0.029	0.16	99.85
4.75 (0.037)	0.028	0.15	100.00

TOTAL WEIGHT OF SAMPLE IS 18.136 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.692 (0.309)	1.095 (0.468)	-0.225	0.890

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.616 (0.326)	1.149 (0.451)	-0.200	0.495

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
1.664 (0.316)	1.054 (0.482)	-0.339	2.438

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-44 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	1.088	4.33	4.33
-0.25 (1.189)	0.523	2.08	6.41
0.00 (1.000)	0.750	2.98	9.39
0.25 (0.841)	1.089	4.33	13.72
0.50 (0.707)	1.042	4.14	17.87
0.75 (0.595)	1.499	5.96	23.83
1.00 (0.500)	2.609	10.38	34.21
1.25 (0.420)	2.024	8.05	42.26
1.50 (0.354)	3.716	14.78	57.04
1.75 (0.297)	2.114	8.41	65.44
2.00 (0.250)	3.858	15.34	80.79
2.25 (0.210)	2.121	8.44	89.23
2.50 (0.177)	0.864	3.44	92.66
2.75 (0.149)	0.693	2.76	95.42
3.00 (0.125)	0.563	2.24	97.66
3.25 (0.105)	0.278	1.11	98.76
3.50 (0.088)	0.106	0.42	99.18
3.75 (0.074)	0.072	0.29	99.47
4.00 (0.063)	0.021	0.08	99.55
4.25 (0.053)	0.037	0.15	99.70
4.50 (0.044)	0.038	0.15	99.85
4.75 (0.037)	0.037	0.15	100.00

TOTAL WEIGHT OF SAMPLE IS 25.142 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.288 (0.410)	0.901 (0.535)	-0.157	1.138

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.241 (0.423)	0.854 (0.553)	-0.164	0.834

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
1.308 (0.404)	0.896 (0.537)	-0.114	3.209

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-44 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.099	0.45	0.45
-0.50 (1.414)	0.071	0.32	0.78
-0.25 (1.189)	0.129	0.59	1.37
0.00 (1.000)	0.221	1.01	2.38
0.25 (0.841)	0.479	2.19	4.57
0.50 (0.707)	0.775	3.54	8.11
0.75 (0.595)	1.243	5.68	13.79
1.00 (0.500)	2.402	10.98	24.76
1.25 (0.420)	1.982	9.06	33.82
1.50 (0.354)	3.104	14.19	48.01
1.75 (0.297)	1.850	8.45	56.46
2.00 (0.250)	3.500	15.99	72.46
2.25 (0.210)	2.177	9.95	82.41
2.50 (0.177)	0.965	4.41	86.82
2.75 (0.149)	0.710	3.24	90.06
3.00 (0.125)	0.613	2.80	92.86
3.25 (0.105)	0.438	2.00	94.86
3.50 (0.088)	0.209	0.96	95.82
3.75 (0.074)	0.192	0.88	96.70
4.00 (0.063)	0.123	0.56	97.26
4.25 (0.053)	0.151	0.69	97.95
4.50 (0.044)	0.449	2.05	100.00

TOTAL WEIGHT OF SAMPLE IS 21.882 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.567 (0.338)	0.840 (0.559)	0.082	1.165

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.570 (0.337)	0.770 (0.586)	0.015	0.951

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.621 (0.325)	0.909 (0.533)	0.599	4.093

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/21/2006

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SAMPLE: W-44 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.979	2.92	2.92
-0.50 (1.414)	0.773	2.31	5.23
-0.25 (1.189)	1.012	3.02	8.25
0.00 (1.000)	1.705	5.09	13.35
0.25 (0.841)	2.233	6.67	20.01
0.50 (0.707)	2.204	6.58	26.59
0.75 (0.595)	2.942	8.79	35.38
1.00 (0.500)	3.784	11.30	46.68
1.25 (0.420)	2.477	7.40	54.08
1.50 (0.354)	3.612	10.79	64.86
1.75 (0.297)	1.844	5.51	70.37
2.00 (0.250)	3.404	10.16	80.53
2.25 (0.210)	2.111	6.30	86.84
2.50 (0.177)	1.147	3.43	90.26
2.75 (0.149)	0.964	2.88	93.14
3.00 (0.125)	0.872	2.60	95.74
3.25 (0.105)	0.471	1.41	97.15
3.50 (0.088)	0.212	0.63	97.78
3.75 (0.074)	0.185	0.55	98.34
4.00 (0.063)	0.114	0.34	98.68
4.25 (0.053)	0.124	0.37	99.05
4.50 (0.044)	0.319	0.95	100.00

TOTAL WEIGHT OF SAMPLE IS 33.488 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.116 (0.461)	1.033 (0.489)	0.029	0.994

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.119 (0.461)	1.019 (0.493)	0.006	0.695

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
1.162 (0.447)	1.043 (0.485)	0.353	3.144

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-44 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-1.00 (2.000)	0.313	1.13	1.13
-0.75 (1.682)	0.601	2.17	3.29
-0.50 (1.414)	1.145	4.13	7.42
-0.25 (1.189)	0.895	3.22	10.64
0.00 (1.000)	1.108	3.99	14.63
0.25 (0.841)	1.625	5.85	20.49
0.50 (0.707)	1.608	5.79	26.28
0.75 (0.595)	1.722	6.20	32.49
1.00 (0.500)	2.845	10.25	42.74
1.25 (0.420)	1.923	6.93	49.66
1.50 (0.354)	3.057	11.01	60.68
1.75 (0.297)	1.876	6.76	67.44
2.00 (0.250)	3.438	12.39	79.82
2.25 (0.210)	2.182	7.86	87.68
2.50 (0.177)	1.049	3.78	91.46
2.75 (0.149)	0.830	2.99	94.45
3.00 (0.125)	0.764	2.75	97.20
3.25 (0.105)	0.333	1.20	98.40
3.50 (0.088)	0.120	0.43	98.84
3.75 (0.074)	0.094	0.34	99.17
4.00 (0.063)	0.062	0.22	99.40
4.25 (0.053)	0.167	0.60	100.00

TOTAL WEIGHT OF SAMPLE IS 27.757 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.150 (0.451)	1.041 (0.486)	-0.131	0.969

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.096 (0.468)	1.037 (0.487)	-0.156	0.661

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
1.167 (0.445)	1.030 (0.490)	-0.059	2.699

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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