

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

SAMPLE: W-38 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.254	1.39	1.39
0.25 (0.841)	0.221	1.21	2.60
0.50 (0.707)	0.305	1.67	4.27
0.75 (0.595)	0.619	3.39	7.66
1.00 (0.500)	1.813	9.92	17.58
1.25 (0.420)	2.013	11.02	28.60
1.50 (0.354)	3.918	21.44	50.04
1.75 (0.297)	2.257	12.35	62.39
2.00 (0.250)	3.861	21.13	83.52
2.25 (0.210)	1.857	10.16	93.68
2.50 (0.177)	0.634	3.47	97.15
2.75 (0.149)	0.319	1.75	98.90
3.00 (0.125)	0.150	0.82	99.72
3.25 (0.105)	0.039	0.21	99.93
3.50 (0.088)	0.009	0.05	99.98
3.75 (0.074)	0.003	0.02	100.00
4.00 (0.063)	0.000	0.00	100.00
4.25 (0.053)	0.000	0.00	100.00
4.50 (0.044)	0.000	0.00	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 18.272 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.491 (0.356)	0.534 (0.691)	-0.041	1.004

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.486 (0.357)	0.526 (0.695)	-0.026	0.703

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
1.506 (0.352)	0.555 (0.681)	-0.318	3.452

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 03/07/2006

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

SAMPLE: W-38 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.295	1.41	1.41
0.25 (0.841)	0.087	0.42	1.83
0.50 (0.707)	0.193	0.92	2.75
0.75 (0.595)	0.342	1.64	4.39
1.00 (0.500)	1.201	5.74	10.13
1.25 (0.420)	1.476	7.06	17.19
1.50 (0.354)	3.540	16.93	34.12
1.75 (0.297)	2.698	12.90	47.03
2.00 (0.250)	5.464	26.13	73.16
2.25 (0.210)	3.292	15.75	88.91
2.50 (0.177)	1.234	5.90	94.81
2.75 (0.149)	0.678	3.24	98.05
3.00 (0.125)	0.304	1.45	99.51
3.25 (0.105)	0.082	0.39	99.90
3.50 (0.088)	0.016	0.08	99.98
3.75 (0.074)	0.005	0.02	100.00
4.00 (0.063)	0.000	0.00	100.00
4.25 (0.053)	0.000	0.00	100.00
4.50 (0.044)	0.000	0.00	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 20.907 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.719 (0.304)	0.504 (0.705)	-0.168	1.073

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.690 (0.310)	0.482 (0.716)	-0.183	0.803

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; WELL SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.692 (0.309)	0.544 (0.686)	-0.565	4.123

GRANULOMETRIC DESCRIPTION:

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

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

SAMPLE: W-38 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.161	0.87	0.87
0.25 (0.841)	0.024	0.13	1.00
0.50 (0.707)	0.122	0.66	1.66
0.75 (0.595)	0.499	2.69	4.35
1.00 (0.500)	0.405	2.19	6.54
1.25 (0.420)	1.612	8.70	15.24
1.50 (0.354)	3.132	16.91	32.15
1.75 (0.297)	2.076	11.21	43.36
2.00 (0.250)	4.775	25.78	69.14
2.25 (0.210)	3.181	17.18	86.32
2.50 (0.177)	1.219	6.58	92.90
2.75 (0.149)	0.786	4.24	97.14
3.00 (0.125)	0.365	1.97	99.11
3.25 (0.105)	0.117	0.63	99.75
3.50 (0.088)	0.039	0.21	99.96
3.75 (0.074)	0.008	0.04	100.00
4.00 (0.063)	0.000	0.00	100.00
4.25 (0.053)	0.000	0.00	100.00
4.50 (0.044)	0.000	0.00	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 18.521 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.764 (0.294)	0.511 (0.702)	-0.129	1.067

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.739 (0.300)	0.478 (0.718)	-0.158	0.884

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; WELL SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.751 (0.297)	0.536 (0.690)	-0.351	3.947

GRANULOMETRIC DESCRIPTION:

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

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

SAMPLE: W-38 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.107	0.51	0.51
0.25 (0.841)	0.034	0.16	0.68
0.50 (0.707)	0.045	0.22	0.89
0.75 (0.595)	0.082	0.39	1.29
1.00 (0.500)	0.228	1.10	2.39
1.25 (0.420)	0.347	1.67	4.06
1.50 (0.354)	1.187	5.71	9.77
1.75 (0.297)	1.670	8.03	17.80
2.00 (0.250)	5.551	26.70	44.50
2.25 (0.210)	5.478	26.35	70.86
2.50 (0.177)	2.772	13.34	84.19
2.75 (0.149)	1.832	8.81	93.01
3.00 (0.125)	0.946	4.55	97.56
3.25 (0.105)	0.349	1.68	99.24
3.50 (0.088)	0.112	0.54	99.77
3.75 (0.074)	0.037	0.18	99.95
4.00 (0.063)	0.002	0.01	99.96
4.25 (0.053)	0.004	0.02	99.98
4.50 (0.044)	0.001	0.00	99.99
4.75 (0.037)	0.003	0.01	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 20.787 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.081 (0.236)	0.438 (0.738)	0.069	1.260

GRANULOMETRIC DESCRIPTION:

FINE SAND; WELL SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.095 (0.234)	0.401 (0.757)	0.107	0.954

GRANULOMETRIC DESCRIPTION:

FINE 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
2.059 (0.240)	0.484 (0.715)	-0.495	5.765

GRANULOMETRIC DESCRIPTION:

FINE SAND; WELL SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: W-38 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.070	0.39	0.39
0.25 (0.841)	0.015	0.08	0.48
0.50 (0.707)	0.049	0.28	0.75
0.75 (0.595)	0.092	0.52	1.27
1.00 (0.500)	0.227	1.28	2.55
1.25 (0.420)	0.258	1.45	4.00
1.50 (0.354)	0.800	4.50	8.51
1.75 (0.297)	1.167	6.57	15.07
2.00 (0.250)	3.979	22.40	37.47
2.25 (0.210)	4.366	24.58	62.05
2.50 (0.177)	2.527	14.22	76.27
2.75 (0.149)	2.056	11.57	87.84
3.00 (0.125)	1.387	7.81	95.65
3.25 (0.105)	0.553	3.11	98.76
3.50 (0.088)	0.164	0.92	99.68
3.75 (0.074)	0.054	0.30	99.99
4.00 (0.063)	0.002	0.01	100.00
4.25 (0.053)	0.000	0.00	100.00
4.50 (0.044)	0.000	0.00	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 17.766 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.185 (0.220)	0.480 (0.717)	0.104	1.112

GRANULOMETRIC DESCRIPTION:

FINE SAND; WELL SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.214 (0.216)	0.453 (0.730)	0.190	0.846

GRANULOMETRIC DESCRIPTION:

FINE SAND; WELL SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.148 (0.226)	0.517 (0.699)	-0.455	4.736

GRANULOMETRIC DESCRIPTION:

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

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: W-38 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.247	0.98	0.98
0.25 (0.841)	0.187	0.74	1.71
0.50 (0.707)	0.214	0.84	2.56
0.75 (0.595)	0.369	1.46	4.01
1.00 (0.500)	0.920	3.63	7.65
1.25 (0.420)	0.960	3.79	11.44
1.50 (0.354)	2.256	8.91	20.34
1.75 (0.297)	1.753	6.92	27.26
2.00 (0.250)	4.117	16.25	43.51
2.25 (0.210)	3.062	12.09	55.60
2.50 (0.177)	1.832	7.23	62.83
2.75 (0.149)	2.136	8.43	71.26
3.00 (0.125)	2.919	11.52	82.79
3.25 (0.105)	2.240	8.84	91.63
3.50 (0.088)	0.893	3.53	95.15
3.75 (0.074)	0.509	2.01	97.16
4.00 (0.063)	0.179	0.71	97.87
4.25 (0.053)	0.166	0.66	98.52
4.50 (0.044)	0.073	0.29	98.81
4.75 (0.037)	0.068	0.27	99.08
5.00 (0.031)	0.042	0.17	99.25
5.25 (0.026)	0.191	0.75	100.00

TOTAL WEIGHT OF SAMPLE IS 25.333 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.182 (0.220)	0.819 (0.567)	0.051	0.942

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.206 (0.217)	0.828 (0.563)	0.087	0.613

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
2.201 (0.217)	0.862 (0.550)	0.149	3.625

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-38 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.000	0.00	0.00
0.25 (0.841)	0.000	0.00	0.00
0.50 (0.707)	0.023	0.14	0.14
0.75 (0.595)	0.096	0.59	0.73
1.00 (0.500)	0.392	2.39	3.12
1.25 (0.420)	0.535	3.26	6.38
1.50 (0.354)	1.525	9.30	15.68
1.75 (0.297)	1.563	9.53	25.22
2.00 (0.250)	3.792	23.13	48.35
2.25 (0.210)	2.529	15.43	63.77
2.50 (0.177)	0.181	1.10	64.88
2.75 (0.149)	0.367	2.24	67.12
3.00 (0.125)	2.173	13.25	80.37
3.25 (0.105)	1.827	11.14	91.52
3.50 (0.088)	0.722	4.40	95.92
3.75 (0.074)	0.383	2.34	98.26
4.00 (0.063)	0.106	0.65	98.90
4.25 (0.053)	0.073	0.45	99.35
4.50 (0.044)	0.021	0.13	99.48
4.75 (0.037)	0.014	0.09	99.56
5.00 (0.031)	0.011	0.07	99.63
5.25 (0.026)	0.061	0.37	100.00

TOTAL WEIGHT OF SAMPLE IS 16.394 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.205 (0.217)	0.742 (0.598)	0.287	0.818

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.295 (0.204)	0.787 (0.580)	0.341	0.464

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY FINE SKEWED; VERY PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.229 (0.213)	0.754 (0.593)	0.484	2.982

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; FINE SKEWED; MESOKURITIC

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: W-38 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.244	1.07	1.07
0.25 (0.841)	0.150	0.66	1.73
0.50 (0.707)	0.296	1.30	3.02
0.75 (0.595)	0.539	2.36	5.39
1.00 (0.500)	1.235	5.41	10.80
1.25 (0.420)	1.401	6.14	16.94
1.50 (0.354)	3.413	14.96	31.90
1.75 (0.297)	2.634	11.55	43.45
2.00 (0.250)	6.399	28.05	71.49
2.25 (0.210)	3.252	14.25	85.75
2.50 (0.177)	1.016	4.45	90.20
2.75 (0.149)	0.689	3.02	93.22
3.00 (0.125)	0.690	3.02	96.24
3.25 (0.105)	0.436	1.91	98.15
3.50 (0.088)	0.156	0.68	98.84
3.75 (0.074)	0.098	0.43	99.27
4.00 (0.063)	0.032	0.14	99.41
4.25 (0.053)	0.046	0.20	99.61
4.50 (0.044)	0.022	0.10	99.71
4.75 (0.037)	0.024	0.11	99.81
5.00 (0.031)	0.011	0.05	99.86
5.25 (0.026)	0.032	0.14	100.00

TOTAL WEIGHT OF SAMPLE IS 22.815 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.747 (0.298)	0.583 (0.667)	-0.095	1.325

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.716 (0.304)	0.504 (0.705)	-0.184	1.171

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
1.760 (0.295)	0.651 (0.637)	0.371	5.485

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 03/08/2006