

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

SAMPLE: WA-68 0.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-4.25 (19.027)	0.000	0.00	0.00
-4.00 (16.000)	0.000	0.00	0.00
-3.50 (11.314)	0.000	0.00	0.00
-3.00 ( 8.000)	0.000	0.00	0.00
-2.50 ( 5.657)	0.000	0.00	0.00
-2.25 ( 4.757)	0.000	0.00	0.00
-2.00 ( 4.000)	0.000	0.00	0.00
-1.50 ( 2.828)	0.000	0.00	0.00
-1.00 ( 2.000)	0.000	0.00	0.00
-0.50 ( 1.414)	0.000	0.00	0.00
0.00 ( 1.000)	0.234	0.78	0.78
0.50 ( 0.707)	0.902	3.01	3.79
1.00 ( 0.500)	4.283	14.30	18.09
1.50 ( 0.354)	8.195	27.36	45.45
2.00 ( 0.250)	11.409	38.09	83.55
2.50 ( 0.177)	4.143	13.83	97.38
3.00 ( 0.125)	0.663	2.21	99.59
3.50 ( 0.088)	0.060	0.20	99.79
3.75 ( 0.074)	0.007	0.02	99.82
4.00 ( 0.063)	0.014	0.05	99.86

TOTAL WEIGHT OF SAMPLE IS 29.951 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.503 (0.353)	0.56 (0.68)	-0.23	3.35

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; SYMMETRICAL; MESOKURITIC

PREPARED BY BL ON 08/20/2007

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

SAMPLE: WA-68 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-4.25 (19.027)	0.000	0.00	0.00
-4.00 (16.000)	0.000	0.00	0.00
-3.50 (11.314)	0.000	0.00	0.00
-3.00 ( 8.000)	0.000	0.00	0.00
-2.50 ( 5.657)	0.000	0.00	0.00
-2.25 ( 4.757)	0.000	0.00	0.00
-2.00 ( 4.000)	0.000	0.00	0.00
-1.50 ( 2.828)	0.000	0.00	0.00
-1.00 ( 2.000)	0.000	0.00	0.00
-0.50 ( 1.414)	0.000	0.00	0.00
0.00 ( 1.000)	0.428	1.64	1.64
0.50 ( 0.707)	1.003	3.84	5.47
1.00 ( 0.500)	3.640	13.92	19.39
1.50 ( 0.354)	6.802	26.01	45.40
2.00 ( 0.250)	9.673	36.99	82.39
2.50 ( 0.177)	3.787	14.48	96.87
3.00 ( 0.125)	0.688	2.63	99.50
3.50 ( 0.088)	0.068	0.26	99.76
3.75 ( 0.074)	0.010	0.04	99.80
4.00 ( 0.063)	0.014	0.05	99.85

TOTAL WEIGHT OF SAMPLE IS 26.152 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.492 (0.355)	0.60 (0.66)	-0.34	3.42

GRANULOMETRIC DESCRIPTION:  
MEDIUM SAND; MODERATELY WELL SORTED; SYMMETRICAL; MESOKURITIC

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

SAMPLE: WA-68 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-4.25 (19.027)	0.000	0.00	0.00
-4.00 (16.000)	0.000	0.00	0.00
-3.50 (11.314)	0.000	0.00	0.00
-3.00 ( 8.000)	0.000	0.00	0.00
-2.50 ( 5.657)	0.000	0.00	0.00
-2.25 ( 4.757)	0.000	0.00	0.00
-2.00 ( 4.000)	0.000	0.00	0.00
-1.50 ( 2.828)	0.000	0.00	0.00
-1.00 ( 2.000)	0.000	0.00	0.00
-0.50 ( 1.414)	0.000	0.00	0.00
0.00 ( 1.000)	0.025	0.09	0.09
0.50 ( 0.707)	0.402	1.40	1.49
1.00 ( 0.500)	2.929	10.20	11.69
1.50 ( 0.354)	6.856	23.87	35.56
2.00 ( 0.250)	12.560	43.74	79.30
2.50 ( 0.177)	4.851	16.89	96.19
3.00 ( 0.125)	0.903	3.14	99.33
3.50 ( 0.088)	0.097	0.34	99.67
3.75 ( 0.074)	0.016	0.06	99.72
4.00 ( 0.063)	0.022	0.08	99.80

TOTAL WEIGHT OF SAMPLE IS 28.718 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.626 (0.324)	0.52 (0.70)	-0.07	3.51

GRANULOMETRIC DESCRIPTION:  
MEDIUM SAND; MODERATELY WELL SORTED; SYMMETRICAL; MESOKURITIC

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SAMPLE: WA-68 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-4.25 (19.027)	0.000	0.00	0.00
-4.00 (16.000)	0.000	0.00	0.00
-3.50 (11.314)	0.000	0.00	0.00
-3.00 ( 8.000)	0.000	0.00	0.00
-2.50 ( 5.657)	0.000	0.00	0.00
-2.25 ( 4.757)	0.000	0.00	0.00
-2.00 ( 4.000)	0.000	0.00	0.00
-1.50 ( 2.828)	0.000	0.00	0.00
-1.00 ( 2.000)	0.000	0.00	0.00
-0.50 ( 1.414)	0.000	0.00	0.00
0.00 ( 1.000)	0.004	0.02	0.02
0.50 ( 0.707)	0.091	0.42	0.44
1.00 ( 0.500)	1.388	6.42	6.86
1.50 ( 0.354)	4.029	18.62	25.48
2.00 ( 0.250)	9.937	45.93	71.41
2.50 ( 0.177)	4.870	22.51	93.93
3.00 ( 0.125)	1.072	4.96	98.88
3.50 ( 0.088)	0.144	0.67	99.55
3.75 ( 0.074)	0.022	0.10	99.65
4.00 ( 0.063)	0.017	0.08	99.73

TOTAL WEIGHT OF SAMPLE IS 21.633 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.757 (0.296)	0.50 (0.71)	0.05	3.65

GRANULOMETRIC DESCRIPTION:  
MEDIUM SAND; WELL SORTED; SYMMETRICAL; MESOKURITIC

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

SAMPLE: WA-68 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-4.25 (19.027)	0.000	0.00	0.00
-4.00 (16.000)	0.000	0.00	0.00
-3.50 (11.314)	0.000	0.00	0.00
-3.00 ( 8.000)	0.000	0.00	0.00
-2.50 ( 5.657)	0.000	0.00	0.00
-2.25 ( 4.757)	0.000	0.00	0.00
-2.00 ( 4.000)	0.000	0.00	0.00
-1.50 ( 2.828)	0.000	0.00	0.00
-1.00 ( 2.000)	0.000	0.00	0.00
-0.50 ( 1.414)	0.000	0.00	0.00
0.00 ( 1.000)	0.130	0.43	0.43
0.50 ( 0.707)	0.353	1.17	1.60
1.00 ( 0.500)	1.904	6.31	7.92
1.50 ( 0.354)	5.280	17.51	25.43
2.00 ( 0.250)	13.306	44.13	69.56
2.50 ( 0.177)	7.244	24.03	93.59
3.00 ( 0.125)	1.649	5.47	99.05
3.50 ( 0.088)	0.202	0.67	99.72
3.75 ( 0.074)	0.020	0.07	99.79
4.00 ( 0.063)	0.014	0.05	99.84

TOTAL WEIGHT OF SAMPLE IS 30.151 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.757 (0.296)	0.53 (0.69)	-0.32	4.01

GRANULOMETRIC DESCRIPTION:  
MEDIUM SAND; MODERATELY WELL SORTED; SYMMETRICAL; LEPTOKURITIC

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

SAMPLE: WA-68 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-4.25 (19.027)	0.000	0.00	0.00
-4.00 (16.000)	0.000	0.00	0.00
-3.50 (11.314)	0.000	0.00	0.00
-3.00 ( 8.000)	0.000	0.00	0.00
-2.50 ( 5.657)	0.000	0.00	0.00
-2.25 ( 4.757)	0.000	0.00	0.00
-2.00 ( 4.000)	0.000	0.00	0.00
-1.50 ( 2.828)	0.000	0.00	0.00
-1.00 ( 2.000)	0.000	0.00	0.00
-0.50 ( 1.414)	0.000	0.00	0.00
0.00 ( 1.000)	0.092	0.35	0.35
0.50 ( 0.707)	0.223	0.85	1.21
1.00 ( 0.500)	1.053	4.03	5.24
1.50 ( 0.354)	3.197	12.24	17.48
2.00 ( 0.250)	11.417	43.72	61.20
2.50 ( 0.177)	7.718	29.56	90.76
3.00 ( 0.125)	1.852	7.09	97.85
3.50 ( 0.088)	0.333	1.28	99.12
3.75 ( 0.074)	0.060	0.23	99.35
4.00 ( 0.063)	0.012	0.05	99.40

TOTAL WEIGHT OF SAMPLE IS 26.114 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.861 (0.275)	0.52 (0.70)	-0.25	4.48

GRANULOMETRIC DESCRIPTION:  
MEDIUM SAND; MODERATELY WELL SORTED; SYMMETRICAL; LEPTOKURITIC

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: WA-68 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-4.25 (19.027)	0.000	0.00	0.00
-4.00 (16.000)	0.000	0.00	0.00
-3.50 (11.314)	0.000	0.00	0.00
-3.00 ( 8.000)	0.000	0.00	0.00
-2.50 ( 5.657)	0.000	0.00	0.00
-2.25 ( 4.757)	0.000	0.00	0.00
-2.00 ( 4.000)	0.000	0.00	0.00
-1.50 ( 2.828)	0.000	0.00	0.00
-1.00 ( 2.000)	0.000	0.00	0.00
-0.50 ( 1.414)	0.000	0.00	0.00
0.00 ( 1.000)	0.187	0.65	0.65
0.50 ( 0.707)	0.283	0.98	1.63
1.00 ( 0.500)	2.650	9.20	10.83
1.50 ( 0.354)	5.867	20.36	31.19
2.00 ( 0.250)	11.728	40.70	71.88
2.50 ( 0.177)	6.467	22.44	94.33
3.00 ( 0.125)	1.407	4.88	99.21
3.50 ( 0.088)	0.149	0.52	99.73
3.75 ( 0.074)	0.016	0.06	99.78
4.00 ( 0.063)	0.013	0.05	99.83

TOTAL WEIGHT OF SAMPLE IS 28.817 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.696 (0.309)	0.56 (0.68)	-0.29	3.64

GRANULOMETRIC DESCRIPTION:  
MEDIUM SAND; MODERATELY WELL SORTED; SYMMETRICAL; MESOKURITIC

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SAMPLE: WA-68 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-4.25 (19.027)	0.000	0.00	0.00
-4.00 (16.000)	0.000	0.00	0.00
-3.50 (11.314)	0.000	0.00	0.00
-3.00 ( 8.000)	0.000	0.00	0.00
-2.50 ( 5.657)	0.000	0.00	0.00
-2.25 ( 4.757)	0.000	0.00	0.00
-2.00 ( 4.000)	0.000	0.00	0.00
-1.50 ( 2.828)	0.000	0.00	0.00
-1.00 ( 2.000)	0.000	0.00	0.00
-0.50 ( 1.414)	0.000	0.00	0.00
0.00 ( 1.000)	0.009	0.03	0.03
0.50 ( 0.707)	0.258	0.81	0.84
1.00 ( 0.500)	1.059	3.35	4.19
1.50 ( 0.354)	3.365	10.63	14.82
2.00 ( 0.250)	14.683	46.38	61.20
2.50 ( 0.177)	9.500	30.01	91.21
3.00 ( 0.125)	2.398	7.57	98.78
3.50 ( 0.088)	0.298	0.94	99.73
3.75 ( 0.074)	0.025	0.08	99.80
4.00 ( 0.063)	0.010	0.03	99.84

TOTAL WEIGHT OF SAMPLE IS 31.657 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.890 (0.270)	0.49 (0.71)	-0.22	4.16

GRANULOMETRIC DESCRIPTION:  
MEDIUM SAND; WELL SORTED; SYMMETRICAL; LEPTOKURITIC

PREPARED BY BL ON 08/20/2007



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

SAMPLE: WA-68 12.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-4.25 (19.027)	0.000	0.00	0.00
-4.00 (16.000)	0.000	0.00	0.00
-3.50 (11.314)	0.000	0.00	0.00
-3.00 ( 8.000)	0.000	0.00	0.00
-2.50 ( 5.657)	0.000	0.00	0.00
-2.25 ( 4.757)	0.000	0.00	0.00
-2.00 ( 4.000)	0.000	0.00	0.00
-1.50 ( 2.828)	0.000	0.00	0.00
-1.00 ( 2.000)	0.000	0.00	0.00
-0.50 ( 1.414)	0.000	0.00	0.00
0.00 ( 1.000)	0.023	0.09	0.09
0.50 ( 0.707)	0.143	0.54	0.62
1.00 ( 0.500)	0.919	3.44	4.06
1.50 ( 0.354)	2.631	9.84	13.90
2.00 ( 0.250)	10.452	39.11	53.01
2.50 ( 0.177)	9.323	34.88	87.90
3.00 ( 0.125)	2.743	10.26	98.16
3.50 ( 0.088)	0.344	1.29	99.45
3.75 ( 0.074)	0.041	0.15	99.60
4.00 ( 0.063)	0.019	0.07	99.67

TOTAL WEIGHT OF SAMPLE IS 26.725 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.952 (0.259)	0.51 (0.70)	-0.23	3.94

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; SYMMETRICAL; LEPTOKURITIC

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SAMPLE: WA-68 13.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-4.25 (19.027)	0.000	0.00	0.00
-4.00 (16.000)	0.000	0.00	0.00
-3.50 (11.314)	0.000	0.00	0.00
-3.00 ( 8.000)	0.000	0.00	0.00
-2.50 ( 5.657)	0.000	0.00	0.00
-2.25 ( 4.757)	0.000	0.00	0.00
-2.00 ( 4.000)	0.000	0.00	0.00
-1.50 ( 2.828)	0.000	0.00	0.00
-1.00 ( 2.000)	0.000	0.00	0.00
-0.50 ( 1.414)	0.000	0.00	0.00
0.00 ( 1.000)	0.044	0.17	0.17
0.50 ( 0.707)	0.193	0.75	0.92
1.00 ( 0.500)	0.909	3.53	4.45
1.50 ( 0.354)	2.203	8.55	13.00
2.00 ( 0.250)	8.578	33.30	46.31
2.50 ( 0.177)	9.270	35.99	82.30
3.00 ( 0.125)	3.809	14.79	97.08
3.50 ( 0.088)	0.573	2.22	99.31
3.75 ( 0.074)	0.054	0.21	99.52
4.00 ( 0.063)	0.024	0.09	99.61

TOTAL WEIGHT OF SAMPLE IS 25.757 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.018 (0.247)	0.55 (0.68)	-0.35	3.90

GRANULOMETRIC DESCRIPTION:  
FINE SAND; MODERATELY WELL SORTED; SYMMETRICAL; LEPTOKURITIC

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

SAMPLE: WA-68 15.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-4.25 (19.027)	0.000	0.00	0.00
-4.00 (16.000)	0.000	0.00	0.00
-3.50 (11.314)	0.000	0.00	0.00
-3.00 ( 8.000)	0.000	0.00	0.00
-2.50 ( 5.657)	0.000	0.00	0.00
-2.25 ( 4.757)	0.000	0.00	0.00
-2.00 ( 4.000)	0.000	0.00	0.00
-1.50 ( 2.828)	0.000	0.00	0.00
-1.00 ( 2.000)	0.000	0.00	0.00
-0.50 ( 1.414)	0.000	0.00	0.00
0.00 ( 1.000)	0.005	0.02	0.02
0.50 ( 0.707)	0.133	0.47	0.49
1.00 ( 0.500)	0.524	1.84	2.33
1.50 ( 0.354)	1.339	4.71	7.04
2.00 ( 0.250)	6.459	22.73	29.77
2.50 ( 0.177)	12.080	42.51	72.29
3.00 ( 0.125)	6.589	23.19	95.47
3.50 ( 0.088)	1.079	3.80	99.27
3.75 ( 0.074)	0.077	0.27	99.54
4.00 ( 0.063)	0.020	0.07	99.61

TOTAL WEIGHT OF SAMPLE IS 28.415 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.202 (0.217)	0.52 (0.70)	-0.45	4.05

GRANULOMETRIC DESCRIPTION:  
FINE SAND; MODERATELY WELL SORTED; COARSE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 08/20/2007