

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

SAMPLE: WA-12 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)	0.074	0.27	0.27
0.50 ( 0.707)	0.288	1.04	1.31
1.00 ( 0.500)	2.643	9.54	10.85
1.50 ( 0.354)	6.351	22.92	33.77
2.00 ( 0.250)	11.750	42.41	76.18
2.50 ( 0.177)	5.513	19.90	96.08
3.00 ( 0.125)	1.016	3.67	99.75
3.50 ( 0.088)	0.036	0.13	99.88
3.75 ( 0.074)	0.011	0.04	99.92
4.00 ( 0.063)	0.001	0.00	99.92

TOTAL WEIGHT OF SAMPLE IS 27.704 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.657 (0.317)	0.52 (0.70)	-0.25	3.30

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-12 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)	0.175	0.80	0.80
0.50 ( 0.707)	0.508	2.32	3.12
1.00 ( 0.500)	2.902	13.26	16.38
1.50 ( 0.354)	5.848	26.72	43.09
2.00 ( 0.250)	8.426	38.49	81.59
2.50 ( 0.177)	3.404	15.55	97.14
3.00 ( 0.125)	0.550	2.51	99.65
3.50 ( 0.088)	0.023	0.11	99.76
3.75 ( 0.074)	0.014	0.06	99.82
4.00 ( 0.063)	0.003	0.01	99.84

TOTAL WEIGHT OF SAMPLE IS 21.889 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.536 (0.345)	0.56 (0.68)	-0.28	3.35

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-12 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)	0.111	0.39	0.39
0.50 ( 0.707)	0.551	1.91	2.30
1.00 ( 0.500)	3.753	13.03	15.32
1.50 ( 0.354)	7.536	26.15	41.48
2.00 ( 0.250)	11.157	38.72	80.20
2.50 ( 0.177)	4.764	16.53	96.73
3.00 ( 0.125)	0.825	2.86	99.60
3.50 ( 0.088)	0.042	0.15	99.74
3.75 ( 0.074)	0.016	0.06	99.80
4.00 ( 0.063)	0.006	0.02	99.82

TOTAL WEIGHT OF SAMPLE IS 28.813 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.564 (0.338)	0.54 (0.69)	-0.17	3.18

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

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SAMPLE: WA-12 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)	0.075	0.25	0.25
0.00 ( 1.000)	0.375	1.27	1.53
0.50 ( 0.707)	0.799	2.71	4.24
1.00 ( 0.500)	3.332	11.32	15.56
1.50 ( 0.354)	4.622	15.70	31.27
2.00 ( 0.250)	11.883	40.37	71.64
2.50 ( 0.177)	6.333	21.52	93.16
3.00 ( 0.125)	1.755	5.96	99.12
3.50 ( 0.088)	0.107	0.36	99.48
3.75 ( 0.074)	0.064	0.22	99.70
4.00 ( 0.063)	0.040	0.14	99.84

TOTAL WEIGHT OF SAMPLE IS 29.433 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.662 (0.316)	0.64 (0.64)	-0.51	3.86

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

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

SAMPLE: WA-12 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)	0.012	0.05	0.05
0.00 ( 1.000)	0.062	0.25	0.30
0.50 ( 0.707)	0.098	0.40	0.69
1.00 ( 0.500)	1.404	5.67	6.36
1.50 ( 0.354)	2.560	10.34	16.70
2.00 ( 0.250)	10.940	44.17	60.87
2.50 ( 0.177)	7.006	28.29	89.16
3.00 ( 0.125)	2.186	8.83	97.98
3.50 ( 0.088)	0.161	0.65	98.63
3.75 ( 0.074)	0.058	0.23	98.87
4.00 ( 0.063)	0.038	0.15	99.02

TOTAL WEIGHT OF SAMPLE IS 24.768 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.859 (0.276)	0.53 (0.69)	-0.19	4.33

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

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SAMPLE: WA-12 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)	0.004	0.02	0.02
0.50 ( 0.707)	0.057	0.23	0.24
1.00 ( 0.500)	1.068	4.28	4.52
1.50 ( 0.354)	2.959	11.85	16.37
2.00 ( 0.250)	9.314	37.30	53.68
2.50 ( 0.177)	8.349	33.44	87.12
3.00 ( 0.125)	2.789	11.17	98.29
3.50 ( 0.088)	0.326	1.31	99.59
3.75 ( 0.074)	0.034	0.14	99.73
4.00 ( 0.063)	0.005	0.02	99.75

TOTAL WEIGHT OF SAMPLE IS 24.968 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.941 (0.260)	0.52 (0.70)	-0.15	3.27

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

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: WA-12 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)	0.035	0.14	0.14
0.00 ( 1.000)	0.205	0.81	0.95
0.50 ( 0.707)	0.224	0.89	1.84
1.00 ( 0.500)	1.400	5.54	7.37
1.50 ( 0.354)	1.810	7.16	14.53
2.00 ( 0.250)	10.208	40.38	54.92
2.50 ( 0.177)	8.005	31.67	86.58
3.00 ( 0.125)	2.875	11.37	97.95
3.50 ( 0.088)	0.319	1.26	99.22
3.75 ( 0.074)	0.082	0.32	99.54
4.00 ( 0.063)	0.037	0.15	99.69

TOTAL WEIGHT OF SAMPLE IS 25.279 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.921 (0.264)	0.59 (0.67)	-0.65	4.98

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

PREPARED BY BL ON 08/20/2007

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

SAMPLE: WA-12 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)	0.086	0.46	0.46
0.00 ( 1.000)	0.372	1.98	2.43
0.50 ( 0.707)	0.285	1.51	3.95
1.00 ( 0.500)	1.174	6.23	10.18
1.50 ( 0.354)	0.812	4.31	14.49
2.00 ( 0.250)	6.142	32.61	47.11
2.50 ( 0.177)	6.287	33.38	80.49
3.00 ( 0.125)	2.954	15.69	96.18
3.50 ( 0.088)	0.508	2.70	98.87
3.75 ( 0.074)	0.136	0.72	99.60
4.00 ( 0.063)	0.040	0.21	99.81

TOTAL WEIGHT OF SAMPLE IS 18.832 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.971 (0.255)	0.71 (0.61)	-0.94	4.91

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

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

SAMPLE: WA-12 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)	0.211	1.08	1.08
0.00 ( 1.000)	0.454	2.33	3.41
0.50 ( 0.707)	0.575	2.95	6.36
1.00 ( 0.500)	1.732	8.88	15.24
1.50 ( 0.354)	0.927	4.75	20.00
2.00 ( 0.250)	5.968	30.61	50.61
2.50 ( 0.177)	5.913	30.33	80.94
3.00 ( 0.125)	2.794	14.33	95.27
3.50 ( 0.088)	0.339	1.74	97.00
3.75 ( 0.074)	0.089	0.46	97.46
4.00 ( 0.063)	0.036	0.18	97.65

TOTAL WEIGHT OF SAMPLE IS 19.497 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.812 (0.285)	0.78 (0.58)	-0.80	4.03

GRANULOMETRIC DESCRIPTION:  
 MEDIUM SAND; MODERATELY SORTED; COARSE SKEWED; LEPTOKURITIC

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SAMPLE: WA-12 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)	0.130	0.53	0.53
0.50 ( 0.707)	0.203	0.83	1.36
1.00 ( 0.500)	1.117	4.58	5.94
1.50 ( 0.354)	2.692	11.03	16.97
2.00 ( 0.250)	8.238	33.76	50.73
2.50 ( 0.177)	8.238	33.76	84.49
3.00 ( 0.125)	3.148	12.90	97.39
3.50 ( 0.088)	0.440	1.80	99.19
3.75 ( 0.074)	0.061	0.25	99.44
4.00 ( 0.063)	0.010	0.04	99.48

TOTAL WEIGHT OF SAMPLE IS 24.404 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.947 (0.259)	0.58 (0.67)	-0.44	3.98

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

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: WA-12 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)	0.091	0.34	0.34
0.50 ( 0.707)	0.131	0.49	0.83
1.00 ( 0.500)	0.742	2.79	3.62
1.50 ( 0.354)	1.759	6.61	10.23
2.00 ( 0.250)	5.988	22.50	32.73
2.50 ( 0.177)	9.537	35.84	68.57
3.00 ( 0.125)	6.498	24.42	92.99
3.50 ( 0.088)	1.434	5.39	98.38
3.75 ( 0.074)	0.138	0.52	98.90
4.00 ( 0.063)	0.006	0.02	98.92

TOTAL WEIGHT OF SAMPLE IS 26.612 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.170 (0.222)	0.59 (0.66)	-0.48	3.93

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; COARSE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 08/20/2007