

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

SAMPLE: WA-29 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)	0.632	2.62	2.62
0.50 ( 0.707)	1.809	7.49	10.11
1.00 ( 0.500)	4.554	18.87	28.98
1.50 ( 0.354)	6.614	27.40	56.38
2.00 ( 0.250)	7.686	31.84	88.22
2.50 ( 0.177)	2.304	9.55	97.77
3.00 ( 0.125)	0.442	1.83	99.60
3.50 ( 0.088)	0.061	0.25	99.85
3.75 ( 0.074)	0.005	0.02	99.87
4.00 ( 0.063)	0.011	0.05	99.92

TOTAL WEIGHT OF SAMPLE IS 24.138 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.329 (0.398)	0.64 (0.64)	-0.22	3.03

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-29 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)	0.573	2.39	2.39
0.50 ( 0.707)	1.518	6.33	8.71
1.00 ( 0.500)	3.979	16.58	25.29
1.50 ( 0.354)	5.756	23.98	49.28
2.00 ( 0.250)	8.242	34.34	83.62
2.50 ( 0.177)	3.123	13.01	96.63
3.00 ( 0.125)	0.670	2.79	99.42
3.50 ( 0.088)	0.115	0.48	99.90
3.75 ( 0.074)	0.006	0.03	99.93
4.00 ( 0.063)	0.008	0.03	99.96

TOTAL WEIGHT OF SAMPLE IS 23.999 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.422 (0.373)	0.66 (0.63)	-0.27	3.04

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; SYMMETRICAL; MESOKURITIC

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: WA-29 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)	0.076	0.37	0.37
0.00 ( 1.000)	0.331	1.60	1.96
0.50 ( 0.707)	1.001	4.82	6.79
1.00 ( 0.500)	2.685	12.94	19.73
1.50 ( 0.354)	4.500	21.69	41.42
2.00 ( 0.250)	7.746	37.33	78.75
2.50 ( 0.177)	3.441	16.58	95.33
3.00 ( 0.125)	0.824	3.97	99.31
3.50 ( 0.088)	0.116	0.56	99.87
3.75 ( 0.074)	0.007	0.03	99.90
4.00 ( 0.063)	0.009	0.04	99.94

TOTAL WEIGHT OF SAMPLE IS 20.748 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.530 (0.346)	0.65 (0.64)	-0.45	3.49

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; COARSE SKEWED; MESOKURITIC

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SAMPLE: WA-29 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)	0.511	2.16	2.16
0.00 ( 1.000)	1.165	4.92	7.08
0.50 ( 0.707)	1.901	8.03	15.12
1.00 ( 0.500)	3.333	14.09	29.20
1.50 ( 0.354)	4.669	19.73	48.93
2.00 ( 0.250)	7.779	32.87	81.81
2.50 ( 0.177)	3.330	14.07	95.88
3.00 ( 0.125)	0.778	3.29	99.17
3.50 ( 0.088)	0.143	0.60	99.77
3.75 ( 0.074)	0.016	0.07	99.84
4.00 ( 0.063)	0.010	0.04	99.88

TOTAL WEIGHT OF SAMPLE IS 23.663 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.350 (0.392)	0.79 (0.58)	-0.54	3.07

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

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SAMPLE: WA-29 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)	0.357	1.69	1.69
0.50 ( 0.707)	0.609	2.89	4.58
1.00 ( 0.500)	1.377	6.53	11.12
1.50 ( 0.354)	2.718	12.90	24.01
2.00 ( 0.250)	7.868	37.33	61.34
2.50 ( 0.177)	5.899	27.99	89.33
3.00 ( 0.125)	1.897	9.00	98.33
3.50 ( 0.088)	0.295	1.40	99.73
3.75 ( 0.074)	0.021	0.10	99.83
4.00 ( 0.063)	0.006	0.03	99.86

TOTAL WEIGHT OF SAMPLE IS 21.076 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.794 (0.288)	0.65 (0.64)	-0.68	3.97

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

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: WA-29 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)	0.665	3.28	3.28
0.50 ( 0.707)	1.147	5.66	8.95
1.00 ( 0.500)	2.559	12.64	21.58
1.50 ( 0.354)	3.200	15.80	37.39
2.00 ( 0.250)	5.984	29.55	66.93
2.50 ( 0.177)	4.634	22.88	89.82
3.00 ( 0.125)	1.532	7.57	97.38
3.50 ( 0.088)	0.365	1.80	99.19
3.75 ( 0.074)	0.066	0.33	99.51
4.00 ( 0.063)	0.018	0.09	99.60

TOTAL WEIGHT OF SAMPLE IS 20.251 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.612 (0.327)	0.77 (0.59)	-0.34	2.91

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

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: WA-29 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)	0.198	0.65	0.65
0.50 ( 0.707)	0.658	2.16	2.80
1.00 ( 0.500)	2.454	8.04	10.84
1.50 ( 0.354)	4.944	16.20	27.04
2.00 ( 0.250)	9.615	31.50	58.54
2.50 ( 0.177)	7.563	24.78	83.32
3.00 ( 0.125)	3.888	12.74	96.05
3.50 ( 0.088)	0.798	2.61	98.67
3.75 ( 0.074)	0.104	0.34	99.01
4.00 ( 0.063)	0.031	0.10	99.11

TOTAL WEIGHT OF SAMPLE IS 30.525 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.827 (0.282)	0.67 (0.63)	-0.17	3.14

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

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