

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

SAMPLE: WA-65 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)	0.048	0.20	0.20
0.50 ( 0.707)	0.185	0.76	0.96
1.00 ( 0.500)	1.393	5.72	6.67
1.50 ( 0.354)	4.254	17.45	24.13
2.00 ( 0.250)	11.313	46.42	70.54
2.50 ( 0.177)	5.819	23.88	94.42
3.00 ( 0.125)	1.198	4.92	99.34
3.50 ( 0.088)	0.148	0.61	99.94
3.75 ( 0.074)	0.009	0.04	99.98
4.00 ( 0.063)	0.000	0.00	99.98

TOTAL WEIGHT OF SAMPLE IS 24.372 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.768 (0.294)	0.50 (0.71)	-0.26	3.85

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

PREPARED BY BL ON 08/20/2007

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SAMPLE: WA-65 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)	0.093	0.41	0.41
0.50 ( 0.707)	0.180	0.78	1.19
1.00 ( 0.500)	0.880	3.83	5.02
1.50 ( 0.354)	3.014	13.13	18.16
2.00 ( 0.250)	10.684	46.55	64.71
2.50 ( 0.177)	6.475	28.21	92.92
3.00 ( 0.125)	1.437	6.26	99.18
3.50 ( 0.088)	0.161	0.70	99.88
3.75 ( 0.074)	0.013	0.06	99.94
4.00 ( 0.063)	0.000	0.00	99.94

TOTAL WEIGHT OF SAMPLE IS 22.951 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.840 (0.279)	0.50 (0.71)	-0.46	4.60

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

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SAMPLE: WA-65 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)	0.096	0.40	0.40
0.50 ( 0.707)	0.123	0.51	0.90
1.00 ( 0.500)	0.645	2.66	3.56
1.50 ( 0.354)	2.487	10.24	13.80
2.00 ( 0.250)	11.213	46.17	59.97
2.50 ( 0.177)	7.451	30.68	90.65
3.00 ( 0.125)	1.995	8.21	98.86
3.50 ( 0.088)	0.244	1.00	99.87
3.75 ( 0.074)	0.019	0.08	99.95
4.00 ( 0.063)	0.003	0.01	99.96

TOTAL WEIGHT OF SAMPLE IS 24.286 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.908 (0.266)	0.49 (0.71)	-0.38	4.88

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

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SAMPLE: WA-65 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)	0.128	0.48	0.48
0.50 ( 0.707)	0.174	0.66	1.14
1.00 ( 0.500)	0.730	2.75	3.89
1.50 ( 0.354)	1.860	7.01	10.90
2.00 ( 0.250)	9.345	35.21	46.10
2.50 ( 0.177)	10.405	39.20	85.31
3.00 ( 0.125)	3.350	12.62	97.93
3.50 ( 0.088)	0.467	1.76	99.69
3.75 ( 0.074)	0.044	0.17	99.85
4.00 ( 0.063)	0.002	0.01	99.86

TOTAL WEIGHT OF SAMPLE IS 26.542 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.017 (0.247)	0.53 (0.69)	-0.63	4.97

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; COARSE SKEWED; LEPTOKURITIC

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: WA-65 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)	0.132	0.53	0.53
0.50 ( 0.707)	0.144	0.58	1.11
1.00 ( 0.500)	0.458	1.85	2.96
1.50 ( 0.354)	1.195	4.82	7.79
2.00 ( 0.250)	7.201	29.07	36.86
2.50 ( 0.177)	10.829	43.72	80.58
3.00 ( 0.125)	4.085	16.49	97.08
3.50 ( 0.088)	0.618	2.50	99.57
3.75 ( 0.074)	0.057	0.23	99.80
4.00 ( 0.063)	0.002	0.01	99.81

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
2.110 (0.232)	0.52 (0.70)	-0.77	5.60

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; COARSE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 08/20/2007