

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

SAMPLE: WA-11 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)	0.402	1.75	1.75
0.50 ( 0.707)	0.612	2.66	4.41
1.00 ( 0.500)	3.597	15.66	20.07
1.50 ( 0.354)	6.558	28.54	48.61
2.00 ( 0.250)	7.907	34.41	83.03
2.50 ( 0.177)	3.208	13.96	96.99
3.00 ( 0.125)	0.664	2.89	99.88
3.50 ( 0.088)	0.007	0.03	99.91
3.75 ( 0.074)	0.010	0.04	99.95
4.00 ( 0.063)	0.000	0.00	99.95

TOTAL WEIGHT OF SAMPLE IS 22.976 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.475 (0.360)	0.59 (0.66)	-0.31	3.29

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

PREPARED BY BL ON 08/20/2007

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SAMPLE: WA-11 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)	0.097	0.37	0.37
0.50 ( 0.707)	0.495	1.89	2.26
1.00 ( 0.500)	4.070	15.57	17.83
1.50 ( 0.354)	7.831	29.95	47.78
2.00 ( 0.250)	9.448	36.13	83.91
2.50 ( 0.177)	3.449	13.19	97.10
3.00 ( 0.125)	0.685	2.62	99.72
3.50 ( 0.088)	0.014	0.05	99.78
3.75 ( 0.074)	0.008	0.03	99.81
4.00 ( 0.063)	0.012	0.05	99.85

TOTAL WEIGHT OF SAMPLE IS 26.147 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.501 (0.353)	0.54 (0.69)	-0.02	3.13

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

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SAMPLE: WA-11 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)	0.148	0.66	0.66
0.50 ( 0.707)	0.344	1.53	2.18
1.00 ( 0.500)	2.339	10.38	12.57
1.50 ( 0.354)	5.301	23.54	36.11
2.00 ( 0.250)	8.995	39.94	76.04
2.50 ( 0.177)	4.053	17.99	94.04
3.00 ( 0.125)	1.210	5.37	99.41
3.50 ( 0.088)	0.080	0.36	99.76
3.75 ( 0.074)	0.010	0.04	99.81
4.00 ( 0.063)	0.011	0.05	99.86

TOTAL WEIGHT OF SAMPLE IS 22.523 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.641 (0.321)	0.57 (0.67)	-0.19	3.47

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

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SAMPLE: WA-11 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)	0.019	0.06	0.06
0.50 ( 0.707)	0.091	0.29	0.35
1.00 ( 0.500)	1.599	5.10	5.45
1.50 ( 0.354)	5.213	16.63	22.08
2.00 ( 0.250)	12.677	40.44	62.52
2.50 ( 0.177)	7.275	23.21	85.73
3.00 ( 0.125)	3.673	11.72	97.44
3.50 ( 0.088)	0.652	2.08	99.52
3.75 ( 0.074)	0.049	0.16	99.68
4.00 ( 0.063)	0.011	0.04	99.72

TOTAL WEIGHT OF SAMPLE IS 31.348 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.873 (0.273)	0.56 (0.68)	0.14	3.12

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

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SAMPLE: WA-11 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)	0.036	0.15	0.15
0.50 ( 0.707)	0.094	0.38	0.53
1.00 ( 0.500)	0.864	3.53	4.06
1.50 ( 0.354)	2.379	9.72	13.79
2.00 ( 0.250)	7.961	32.54	46.33
2.50 ( 0.177)	6.816	27.86	74.18
3.00 ( 0.125)	4.908	20.06	94.25
3.50 ( 0.088)	1.156	4.72	98.97
3.75 ( 0.074)	0.083	0.34	99.31
4.00 ( 0.063)	0.008	0.03	99.34

TOTAL WEIGHT OF SAMPLE IS 24.466 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.064 (0.239)	0.60 (0.66)	-0.11	3.10

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

PREPARED BY BL ON 08/20/2007