

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

SAMPLE: WA-41 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)	0.387	1.95	1.95
0.50 ( 0.707)	0.584	2.94	4.88
1.00 ( 0.500)	2.676	13.45	18.33
1.50 ( 0.354)	5.169	25.99	44.32
2.00 ( 0.250)	7.660	38.51	82.83
2.50 ( 0.177)	2.879	14.47	97.30
3.00 ( 0.125)	0.469	2.36	99.66
3.50 ( 0.088)	0.050	0.25	99.91
3.75 ( 0.074)	0.010	0.05	99.96
4.00 ( 0.063)	0.001	0.01	99.96

TOTAL WEIGHT OF SAMPLE IS 19.892 (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)	0.59 (0.66)	-0.45	3.59

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 08/20/2007

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

SAMPLE: WA-41 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)	0.233	0.93	0.93
0.50 ( 0.707)	0.494	1.97	2.90
1.00 ( 0.500)	2.913	11.62	14.52
1.50 ( 0.354)	6.689	26.69	41.21
2.00 ( 0.250)	10.371	41.37	82.58
2.50 ( 0.177)	3.683	14.69	97.28
3.00 ( 0.125)	0.614	2.45	99.72
3.50 ( 0.088)	0.050	0.20	99.92
3.75 ( 0.074)	0.008	0.03	99.96
4.00 ( 0.063)	0.001	0.00	99.96

TOTAL WEIGHT OF SAMPLE IS 25.066 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.553 (0.341)	0.54 (0.69)	-0.36	3.67

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-41 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)	0.428	1.45	1.45
0.50 ( 0.707)	0.827	2.80	4.25
1.00 ( 0.500)	3.419	11.59	15.85
1.50 ( 0.354)	7.571	25.67	41.52
2.00 ( 0.250)	11.920	40.41	81.93
2.50 ( 0.177)	4.492	15.23	97.16
3.00 ( 0.125)	0.747	2.53	99.69
3.50 ( 0.088)	0.077	0.26	99.95
3.75 ( 0.074)	0.008	0.03	99.98
4.00 ( 0.063)	0.000	0.00	99.98

TOTAL WEIGHT OF SAMPLE IS 29.495 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.540 (0.344)	0.57 (0.67)	-0.47	3.68

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; COARSE SKEWED; MESOKURITIC

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SAMPLE: WA-41 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)	0.005	0.02	0.02
0.50 ( 0.707)	0.138	0.65	0.68
1.00 ( 0.500)	1.413	6.69	7.37
1.50 ( 0.354)	4.648	22.01	29.37
2.00 ( 0.250)	9.454	44.76	74.13
2.50 ( 0.177)	4.299	20.35	94.49
3.00 ( 0.125)	0.902	4.27	98.76
3.50 ( 0.088)	0.163	0.77	99.53
3.75 ( 0.074)	0.027	0.13	99.66
4.00 ( 0.063)	0.002	0.01	99.67

TOTAL WEIGHT OF SAMPLE IS 21.121 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.716 (0.304)	0.50 (0.71)	0.09	3.60

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

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: WA-41 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)	0.004	0.02	0.02
0.50 ( 0.707)	0.097	0.39	0.41
1.00 ( 0.500)	0.985	4.01	4.42
1.50 ( 0.354)	3.805	15.49	19.91
2.00 ( 0.250)	11.120	45.28	65.19
2.50 ( 0.177)	6.482	26.39	91.58
3.00 ( 0.125)	1.597	6.50	98.08
3.50 ( 0.088)	0.298	1.21	99.30
3.75 ( 0.074)	0.051	0.21	99.50
4.00 ( 0.063)	0.020	0.08	99.58

TOTAL WEIGHT OF SAMPLE IS 24.561 (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)	0.15	3.87

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

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SAMPLE: WA-41 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)	0.016	0.08	0.08
0.50 ( 0.707)	0.239	1.22	1.30
1.00 ( 0.500)	0.853	4.35	5.65
1.50 ( 0.354)	2.436	12.42	18.07
2.00 ( 0.250)	8.324	42.43	60.50
2.50 ( 0.177)	6.150	31.35	91.85
3.00 ( 0.125)	1.397	7.12	98.97
3.50 ( 0.088)	0.171	0.87	99.84
3.75 ( 0.074)	0.014	0.07	99.91
4.00 ( 0.063)	0.000	0.00	99.91

TOTAL WEIGHT OF SAMPLE IS 19.617 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.865 (0.274)	0.51 (0.70)	-0.41	3.95

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

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SAMPLE: WA-41 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)	0.001	0.00	0.00
0.50 ( 0.707)	0.037	0.17	0.17
1.00 ( 0.500)	0.361	1.66	1.83
1.50 ( 0.354)	1.452	6.66	8.49
2.00 ( 0.250)	7.639	35.03	43.52
2.50 ( 0.177)	8.967	41.12	84.63
3.00 ( 0.125)	2.730	12.52	97.15
3.50 ( 0.088)	0.429	1.97	99.12
3.75 ( 0.074)	0.059	0.27	99.39
4.00 ( 0.063)	0.015	0.07	99.46

TOTAL WEIGHT OF SAMPLE IS 21.808 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.055 (0.241)	0.47 (0.72)	0.01	3.87

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

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SAMPLE: WA-41 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)	0.088	0.37	0.37
0.50 ( 0.707)	0.170	0.71	1.07
1.00 ( 0.500)	0.714	2.97	4.05
1.50 ( 0.354)	1.996	8.31	12.36
2.00 ( 0.250)	7.742	32.25	44.62
2.50 ( 0.177)	9.518	39.65	84.27
3.00 ( 0.125)	3.156	13.15	97.41
3.50 ( 0.088)	0.450	1.87	99.29
3.75 ( 0.074)	0.043	0.18	99.47
4.00 ( 0.063)	0.007	0.03	99.50

TOTAL WEIGHT OF SAMPLE IS 24.005 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.014 (0.248)	0.54 (0.69)	-0.53	4.49

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; COARSE SKEWED; LEPTOKURITIC

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: WA-41 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)	0.113	0.52	0.52
0.50 ( 0.707)	0.215	0.98	1.50
1.00 ( 0.500)	0.781	3.57	5.06
1.50 ( 0.354)	1.942	8.87	13.93
2.00 ( 0.250)	6.392	29.18	43.11
2.50 ( 0.177)	8.368	38.21	81.32
3.00 ( 0.125)	3.464	15.82	97.14
3.50 ( 0.088)	0.490	2.24	99.37
3.75 ( 0.074)	0.037	0.17	99.54
4.00 ( 0.063)	0.010	0.05	99.59

TOTAL WEIGHT OF SAMPLE IS 21.902 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.025 (0.246)	0.58 (0.67)	-0.63	4.29

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

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SAMPLE: WA-41 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)	0.005	0.03	0.03
0.50 ( 0.707)	0.014	0.08	0.11
1.00 ( 0.500)	0.239	1.34	1.45
1.50 ( 0.354)	1.005	5.64	7.08
2.00 ( 0.250)	4.252	23.84	30.93
2.50 ( 0.177)	7.232	40.55	71.48
3.00 ( 0.125)	4.096	22.97	94.45
3.50 ( 0.088)	0.712	3.99	98.44
3.75 ( 0.074)	0.086	0.48	98.92
4.00 ( 0.063)	0.010	0.06	98.98

TOTAL WEIGHT OF SAMPLE IS 17.833 (G)

STATISTICS OF MOMENTS METHOD			
MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.191 (0.219)	0.51 (0.70)	-0.10	3.45

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

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