

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

SAMPLE: W-61 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.974	4.05	4.05
0.00 (1.000)	0.558	2.32	6.37
0.25 (0.841)	1.203	5.00	11.37
0.50 (0.707)	1.690	7.03	18.40
0.75 (0.595)	2.566	10.67	29.07
1.00 (0.500)	3.716	15.45	44.53
1.25 (0.420)	2.439	10.14	54.67
1.50 (0.354)	3.586	14.91	69.58
1.75 (0.297)	1.929	8.02	77.60
2.00 (0.250)	2.888	12.01	89.61
2.25 (0.210)	1.338	5.56	95.18
2.50 (0.177)	0.495	2.06	97.23
2.75 (0.149)	0.333	1.38	98.62
3.00 (0.125)	0.219	0.91	99.53
3.25 (0.105)	0.093	0.39	99.92
3.50 (0.088)	0.018	0.07	99.99
3.75 (0.074)	0.002	0.01	100.00
4.00 (0.063)	0.000	0.00	100.00
4.25 (0.053)	0.000	0.00	100.00
4.50 (0.044)	0.000	0.00	100.00
4.75 (0.037)	0.000	0.00	100.00
5.00 (0.031)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 24.047 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.144 (0.452)	0.729 (0.603)	-0.027	0.966

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.149 (0.451)	0.734 (0.601)	0.019	0.627

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; VERY PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.136 (0.455)	0.719 (0.608)	0.003	2.735

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/22/2006

*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: W-61 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.305	1.26	1.26
-0.25 (1.189)	0.320	1.32	2.58
0.00 (1.000)	0.675	2.79	5.37
0.25 (0.841)	1.526	6.30	11.67
0.50 (0.707)	1.916	7.91	19.57
0.75 (0.595)	2.900	11.97	31.55
1.00 (0.500)	3.819	15.76	47.31
1.25 (0.420)	2.366	9.77	57.08
1.50 (0.354)	3.570	14.74	71.81
1.75 (0.297)	1.737	7.17	78.98
2.00 (0.250)	2.591	10.70	89.68
2.25 (0.210)	1.307	5.40	95.08
2.50 (0.177)	0.462	1.91	96.98
2.75 (0.149)	0.344	1.42	98.40
3.00 (0.125)	0.249	1.03	99.43
3.25 (0.105)	0.106	0.44	99.87
3.50 (0.088)	0.020	0.08	99.95
3.75 (0.074)	0.006	0.02	99.98
4.00 (0.063)	0.000	0.00	99.98
4.25 (0.053)	0.004	0.02	99.99
4.50 (0.044)	0.000	0.00	99.99
4.75 (0.037)	0.002	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 24.225 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.108 (0.464)	0.715 (0.609)	0.056	0.936

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.127 (0.458)	0.740 (0.599)	0.079	0.540

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; VERY PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.109 (0.464)	0.720 (0.607)	0.139	2.918

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-61 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.372	1.88	1.88
0.00 (1.000)	0.379	1.91	3.79
0.25 (0.841)	0.790	3.99	7.78
0.50 (0.707)	0.994	5.02	12.79
0.75 (0.595)	1.397	7.05	19.84
1.00 (0.500)	2.080	10.50	30.34
1.25 (0.420)	1.345	6.79	37.13
1.50 (0.354)	2.103	10.61	47.74
1.75 (0.297)	1.315	6.64	54.38
2.00 (0.250)	2.603	13.14	67.51
2.25 (0.210)	2.111	10.65	78.17
2.50 (0.177)	1.152	5.81	83.98
2.75 (0.149)	1.195	6.03	90.01
3.00 (0.125)	1.148	5.79	95.81
3.25 (0.105)	0.582	2.94	98.74
3.50 (0.088)	0.169	0.85	99.60
3.75 (0.074)	0.060	0.30	99.90
4.00 (0.063)	0.000	0.00	99.90
4.25 (0.053)	0.015	0.08	99.97
4.50 (0.044)	0.000	0.00	99.97
4.75 (0.037)	0.005	0.03	100.00
5.00 (0.031)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 19.815 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.567 (0.338)	0.910 (0.532)	-0.037	0.909

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.557 (0.340)	0.944 (0.520)	-0.030	0.531

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; VERY PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.552 (0.341)	0.883 (0.542)	-0.055	2.356

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-61 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.765	3.57	3.57
0.00 (1.000)	0.405	1.89	5.45
0.25 (0.841)	0.835	3.89	9.34
0.50 (0.707)	0.903	4.21	13.55
0.75 (0.595)	1.242	5.79	19.34
1.00 (0.500)	1.908	8.89	28.23
1.25 (0.420)	1.287	6.00	34.23
1.50 (0.354)	1.937	9.03	43.26
1.75 (0.297)	1.243	5.79	49.05
2.00 (0.250)	2.641	12.31	61.36
2.25 (0.210)	2.466	11.49	72.85
2.50 (0.177)	1.265	5.90	78.74
2.75 (0.149)	1.389	6.47	85.22
3.00 (0.125)	1.486	6.93	92.14
3.25 (0.105)	0.901	4.20	96.34
3.50 (0.088)	0.310	1.44	97.79
3.75 (0.074)	0.166	0.77	98.56
4.00 (0.063)	0.075	0.35	98.91
4.25 (0.053)	0.083	0.39	99.30
4.50 (0.044)	0.048	0.22	99.52
4.75 (0.037)	0.070	0.33	99.85
5.00 (0.031)	0.033	0.15	100.00

TOTAL WEIGHT OF SAMPLE IS 21.458 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.693 (0.309)	1.014 (0.495)	-0.121	0.924

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.654 (0.318)	1.049 (0.483)	-0.110	0.540

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; VERY PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.659 (0.317)	0.999 (0.500)	0.005	2.679

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-61 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.392	1.91	1.91
0.25 (0.841)	0.297	1.45	3.36
0.50 (0.707)	0.320	1.56	4.92
0.75 (0.595)	0.395	1.92	6.84
1.00 (0.500)	0.611	2.98	9.82
1.25 (0.420)	0.463	2.26	12.08
1.50 (0.354)	0.823	4.01	16.09
1.75 (0.297)	0.656	3.20	19.28
2.00 (0.250)	1.685	8.21	27.49
2.25 (0.210)	2.301	11.21	38.71
2.50 (0.177)	1.895	9.23	47.94
2.75 (0.149)	2.594	12.64	60.58
3.00 (0.125)	3.651	17.79	78.37
3.25 (0.105)	2.736	13.33	91.71
3.50 (0.088)	0.913	4.45	96.16
3.75 (0.074)	0.378	1.84	98.00
4.00 (0.063)	0.126	0.61	98.61
4.25 (0.053)	0.081	0.39	99.01
4.50 (0.044)	0.043	0.21	99.22
4.75 (0.037)	0.058	0.28	99.50
5.00 (0.031)	0.025	0.12	99.62
5.25 (0.026)	0.078	0.38	100.00

TOTAL WEIGHT OF SAMPLE IS 20.521 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.380 (0.192)	0.846 (0.556)	-0.344	1.165

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.300 (0.203)	0.805 (0.572)	-0.299	0.815

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.352 (0.196)	0.887 (0.541)	-0.712	3.783

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/22/2006