

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

SAMPLE: W-64 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-1.00 (2.000)	0.515	1.60	1.60
-0.75 (1.682)	0.578	1.79	3.39
-0.50 (1.414)	0.844	2.62	6.01
-0.25 (1.189)	2.034	6.31	12.32
0.00 (1.000)	2.443	7.58	19.89
0.25 (0.841)	3.847	11.93	31.82
0.50 (0.707)	3.626	11.25	43.07
0.75 (0.595)	4.332	13.44	56.50
1.00 (0.500)	5.162	16.01	72.51
1.25 (0.420)	2.589	8.03	80.54
1.50 (0.354)	2.633	8.17	88.71
1.75 (0.297)	1.087	3.37	92.08
2.00 (0.250)	1.279	3.97	96.05
2.25 (0.210)	0.594	1.84	97.89
2.50 (0.177)	0.262	0.81	98.70
2.75 (0.149)	0.191	0.59	99.29
3.00 (0.125)	0.153	0.47	99.77
3.25 (0.105)	0.069	0.21	99.98
3.50 (0.088)	0.006	0.02	100.00
3.75 (0.074)	0.000	0.00	100.00
4.00 (0.063)	0.000	0.00	100.00
4.25 (0.053)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 32.244 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.619 (0.651)	0.754 (0.593)	0.006	1.069

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.614 (0.654)	0.742 (0.598)	-0.021	0.705

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.625 (0.649)	0.757 (0.592)	0.217	3.170

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/23/2006

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

SAMPLE: W-64 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	1.047	4.69	4.69
-0.25 (1.189)	1.238	5.55	10.24
0.00 (1.000)	1.638	7.34	17.58
0.25 (0.841)	1.808	8.10	25.69
0.50 (0.707)	1.446	6.48	32.17
0.75 (0.595)	1.557	6.98	39.15
1.00 (0.500)	1.892	8.48	47.63
1.25 (0.420)	0.970	4.35	51.97
1.50 (0.354)	1.668	7.48	59.45
1.75 (0.297)	1.131	5.07	64.52
2.00 (0.250)	2.602	11.66	76.18
2.25 (0.210)	2.157	9.67	85.85
2.50 (0.177)	1.049	4.70	90.55
2.75 (0.149)	1.004	4.50	95.05
3.00 (0.125)	0.761	3.41	98.46
3.25 (0.105)	0.265	1.19	99.65
3.50 (0.088)	0.050	0.22	99.87
3.75 (0.074)	0.020	0.09	99.96
4.00 (0.063)	0.000	0.00	99.96
4.25 (0.053)	0.000	0.00	99.96
4.50 (0.044)	0.000	0.00	99.96
4.75 (0.037)	0.008	0.04	100.00

TOTAL WEIGHT OF SAMPLE IS 22.311 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.095 (0.468)	1.054 (0.482)	-0.029	0.759

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.074 (0.475)	1.128 (0.458)	-0.055	0.433

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
1.129 (0.457)	1.025 (0.491)	0.017	1.939

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-64 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.541	2.02	2.02
-0.50 (1.414)	0.604	2.25	4.27
-0.25 (1.189)	1.057	3.94	8.20
0.00 (1.000)	1.598	5.95	14.16
0.25 (0.841)	2.237	8.33	22.49
0.50 (0.707)	2.053	7.65	30.14
0.75 (0.595)	2.560	9.54	39.68
1.00 (0.500)	4.267	15.90	55.58
1.25 (0.420)	1.300	4.84	60.42
1.50 (0.354)	2.106	7.85	68.27
1.75 (0.297)	1.129	4.21	72.48
2.00 (0.250)	1.885	7.02	79.50
2.25 (0.210)	1.726	6.43	85.93
2.50 (0.177)	0.947	3.53	89.46
2.75 (0.149)	1.024	3.82	93.27
3.00 (0.125)	1.010	3.76	97.04
3.25 (0.105)	0.459	1.71	98.75
3.50 (0.088)	0.171	0.64	99.39
3.75 (0.074)	0.102	0.38	99.77
4.00 (0.063)	0.035	0.13	99.90
4.25 (0.053)	0.021	0.08	99.97
4.50 (0.044)	0.007	0.03	100.00

TOTAL WEIGHT OF SAMPLE IS 26.839 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.047 (0.484)	1.033 (0.489)	0.184	0.902

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.115 (0.462)	1.060 (0.480)	0.191	0.565

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
1.073 (0.475)	1.004 (0.499)	0.317	2.476

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-64 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.474	1.49	1.49
0.25 (0.841)	0.853	2.68	4.17
0.50 (0.707)	0.979	3.08	7.25
0.75 (0.595)	1.580	4.97	12.22
1.00 (0.500)	3.162	9.94	22.16
1.25 (0.420)	1.927	6.06	28.22
1.50 (0.354)	1.770	5.57	33.79
1.75 (0.297)	9.959	31.32	65.11
2.00 (0.250)	5.321	16.73	81.84
2.25 (0.210)	2.950	9.28	91.12
2.50 (0.177)	0.997	3.14	94.25
2.75 (0.149)	0.788	2.48	96.73
3.00 (0.125)	0.597	1.88	98.61
3.25 (0.105)	0.245	0.77	99.38
3.50 (0.088)	0.072	0.23	99.61
3.75 (0.074)	0.038	0.12	99.73
4.00 (0.063)	0.019	0.06	99.79
4.25 (0.053)	0.018	0.06	99.84
4.50 (0.044)	0.006	0.02	99.86
4.75 (0.037)	0.019	0.06	99.92
5.00 (0.031)	0.014	0.04	99.97
5.25 (0.026)	0.011	0.03	100.00

TOTAL WEIGHT OF SAMPLE IS 31.799 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.511 (0.351)	0.645 (0.639)	-0.228	1.185

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.452 (0.366)	0.607 (0.657)	-0.293	0.861

GRANULOMETRIC DESCRIPTION:

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

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.537 (0.345)	0.654 (0.636)	-0.055	4.242

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: W-64 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	1.273	4.09	4.09
-0.25 (1.189)	1.020	3.27	7.36
0.00 (1.000)	0.980	3.15	10.51
0.25 (0.841)	1.630	5.23	15.74
0.50 (0.707)	1.349	4.33	20.07
0.75 (0.595)	1.662	5.34	25.41
1.00 (0.500)	2.534	8.14	33.54
1.25 (0.420)	1.697	5.45	38.99
1.50 (0.354)	2.620	8.41	47.40
1.75 (0.297)	1.682	5.40	52.80
2.00 (0.250)	3.918	12.58	65.38
2.25 (0.210)	3.139	10.08	75.46
2.50 (0.177)	1.621	5.20	80.67
2.75 (0.149)	1.634	5.25	85.91
3.00 (0.125)	2.144	6.88	92.80
3.25 (0.105)	1.502	4.82	97.62
3.50 (0.088)	0.356	1.14	98.76
3.75 (0.074)	0.193	0.62	99.38
4.00 (0.063)	0.037	0.12	99.50
4.25 (0.053)	0.097	0.31	99.81
4.50 (0.044)	0.022	0.07	99.88
4.75 (0.037)	0.037	0.12	100.00

TOTAL WEIGHT OF SAMPLE IS 31.147 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.515 (0.350)	1.136 (0.455)	-0.145	0.964

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.462 (0.363)	1.197 (0.436)	-0.132	0.481

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
1.497 (0.354)	1.074 (0.475)	-0.164	2.319

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-64 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	1.455	4.49	4.49
-0.25 (1.189)	1.000	3.09	7.58
0.00 (1.000)	0.903	2.79	10.37
0.25 (0.841)	1.973	6.09	16.46
0.50 (0.707)	2.098	6.48	22.94
0.75 (0.595)	2.648	8.18	31.11
1.00 (0.500)	3.692	11.40	42.51
1.25 (0.420)	2.319	7.16	49.67
1.50 (0.354)	3.057	9.44	59.11
1.75 (0.297)	1.600	4.94	64.05
2.00 (0.250)	2.609	8.06	72.10
2.25 (0.210)	1.827	5.64	77.75
2.50 (0.177)	1.004	3.10	80.85
2.75 (0.149)	1.309	4.04	84.89
3.00 (0.125)	1.768	5.46	90.35
3.25 (0.105)	1.285	3.97	94.31
3.50 (0.088)	0.738	2.28	96.59
3.75 (0.074)	0.572	1.77	98.36
4.00 (0.063)	0.214	0.66	99.02
4.25 (0.053)	0.177	0.55	99.56
4.50 (0.044)	0.061	0.19	99.75
4.75 (0.037)	0.080	0.25	100.00

TOTAL WEIGHT OF SAMPLE IS 32.389 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.395 (0.380)	1.189 (0.438)	0.129	0.991

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.463 (0.363)	1.232 (0.426)	0.166	0.536

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
1.370 (0.387)	1.129 (0.457)	0.307	2.472

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-64 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.258	0.94	0.94
0.00 (1.000)	0.245	0.89	1.83
0.25 (0.841)	0.613	2.24	4.07
0.50 (0.707)	0.711	2.59	6.66
0.75 (0.595)	1.085	3.96	10.62
1.00 (0.500)	2.001	7.30	17.92
1.25 (0.420)	1.528	5.57	23.50
1.50 (0.354)	2.494	9.10	32.59
1.75 (0.297)	1.500	5.47	38.07
2.00 (0.250)	2.899	10.58	48.64
2.25 (0.210)	2.518	9.19	57.83
2.50 (0.177)	1.617	5.90	63.73
2.75 (0.149)	2.310	8.43	72.15
3.00 (0.125)	2.832	10.33	82.48
3.25 (0.105)	1.672	6.10	88.58
3.50 (0.088)	0.969	3.53	92.12
3.75 (0.074)	0.963	3.51	95.63
4.00 (0.063)	0.480	1.75	97.38
4.25 (0.053)	0.402	1.47	98.85
4.50 (0.044)	0.146	0.53	99.38
4.75 (0.037)	0.131	0.48	99.86
5.00 (0.031)	0.039	0.14	100.00

TOTAL WEIGHT OF SAMPLE IS 27.413 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.011 (0.248)	1.042 (0.486)	-0.023	0.903

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.998 (0.250)	1.064 (0.478)	-0.036	0.582

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
2.043 (0.243)	1.027 (0.491)	-0.005	2.506

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-64 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.477	1.82	1.82
0.25 (0.841)	0.630	2.40	4.22
0.50 (0.707)	0.723	2.76	6.97
0.75 (0.595)	1.211	4.62	11.59
1.00 (0.500)	2.170	8.27	19.86
1.25 (0.420)	1.708	6.51	26.37
1.50 (0.354)	2.641	10.07	36.44
1.75 (0.297)	1.767	6.73	43.17
2.00 (0.250)	3.644	13.89	57.06
2.25 (0.210)	3.091	11.78	68.84
2.50 (0.177)	1.812	6.91	75.75
2.75 (0.149)	2.162	8.24	83.99
3.00 (0.125)	2.324	8.86	92.84
3.25 (0.105)	0.877	3.34	96.18
3.50 (0.088)	0.295	1.12	97.31
3.75 (0.074)	0.252	0.96	98.27
4.00 (0.063)	0.148	0.56	98.83
4.25 (0.053)	0.116	0.44	99.28
4.50 (0.044)	0.052	0.20	99.47
4.75 (0.037)	0.065	0.25	99.72
5.00 (0.031)	0.027	0.10	99.82
5.25 (0.026)	0.046	0.18	100.00

TOTAL WEIGHT OF SAMPLE IS 26.238 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.836 (0.280)	0.897 (0.537)	-0.076	0.913

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.817 (0.284)	0.934 (0.524)	-0.060	0.521

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
1.830 (0.281)	0.893 (0.539)	0.112	3.039

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/23/2006