

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

SAMPLE: W-63 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	1.115	3.81	3.81
-0.25 (1.189)	0.765	2.61	6.42
0.00 (1.000)	1.474	5.04	11.46
0.25 (0.841)	2.762	9.44	20.90
0.50 (0.707)	3.131	10.70	31.60
0.75 (0.595)	4.064	13.89	45.48
1.00 (0.500)	5.071	17.33	62.81
1.25 (0.420)	2.841	9.71	72.52
1.50 (0.354)	3.117	10.65	83.17
1.75 (0.297)	1.337	4.57	87.73
2.00 (0.250)	1.768	6.04	93.77
2.25 (0.210)	0.811	2.77	96.55
2.50 (0.177)	0.344	1.18	97.72
2.75 (0.149)	0.293	1.00	98.72
3.00 (0.125)	0.240	0.82	99.54
3.25 (0.105)	0.102	0.35	99.89
3.50 (0.088)	0.021	0.07	99.96
3.75 (0.074)	0.010	0.03	100.00
4.00 (0.063)	0.000	0.00	100.00
4.25 (0.053)	0.001	0.00	100.00
4.50 (0.044)	0.000	0.00	100.00
4.75 (0.037)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 29.267 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.827 (0.564)	0.735 (0.601)	0.031	1.063

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.833 (0.561)	0.713 (0.610)	0.025	0.752

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
0.845 (0.557)	0.736 (0.600)	0.327	3.176

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-63 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.792	2.62	2.62
-0.25 (1.189)	0.493	1.63	4.25
0.00 (1.000)	0.980	3.24	7.49
0.25 (0.841)	1.647	5.44	12.93
0.50 (0.707)	2.037	6.73	19.67
0.75 (0.595)	2.628	8.69	28.35
1.00 (0.500)	3.471	11.47	39.83
1.25 (0.420)	1.964	6.49	46.32
1.50 (0.354)	2.153	7.12	53.44
1.75 (0.297)	1.281	4.23	57.67
2.00 (0.250)	2.397	7.92	65.59
2.25 (0.210)	2.071	6.85	72.44
2.50 (0.177)	4.138	13.68	86.12
2.75 (0.149)	1.394	4.61	90.73
3.00 (0.125)	1.298	4.29	95.02
3.25 (0.105)	1.314	4.34	99.36
3.50 (0.088)	0.110	0.36	99.73
3.75 (0.074)	0.041	0.14	99.86
4.00 (0.063)	0.011	0.04	99.90
4.25 (0.053)	0.016	0.05	99.95
4.50 (0.044)	0.004	0.01	99.96
4.75 (0.037)	0.011	0.04	100.00

TOTAL WEIGHT OF SAMPLE IS 30.251 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.401 (0.379)	1.008 (0.497)	0.023	0.796

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.413 (0.376)	1.049 (0.483)	0.032	0.521

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
1.422 (0.373)	0.996 (0.502)	-0.051	2.093

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-63 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.625	1.84	1.84
-0.25 (1.189)	0.448	1.32	3.16
0.00 (1.000)	0.778	2.29	5.46
0.25 (0.841)	1.479	4.36	9.82
0.50 (0.707)	1.606	4.74	14.56
0.75 (0.595)	2.304	6.80	21.35
1.00 (0.500)	3.791	11.18	32.53
1.25 (0.420)	2.990	8.82	41.35
1.50 (0.354)	5.181	15.28	56.63
1.75 (0.297)	2.577	7.60	64.23
2.00 (0.250)	5.611	16.55	80.78
2.25 (0.210)	3.475	10.25	91.03
2.50 (0.177)	1.165	3.44	94.47
2.75 (0.149)	0.727	2.14	96.61
3.00 (0.125)	0.434	1.28	97.89
3.25 (0.105)	0.247	0.73	98.62
3.50 (0.088)	0.127	0.37	98.99
3.75 (0.074)	0.114	0.34	99.33
4.00 (0.063)	0.073	0.22	99.55
4.25 (0.053)	0.062	0.18	99.73
4.50 (0.044)	0.043	0.13	99.86
4.75 (0.037)	0.049	0.14	100.00

TOTAL WEIGHT OF SAMPLE IS 33.906 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.341 (0.395)	0.777 (0.584)	-0.101	0.990

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.316 (0.402)	0.763 (0.589)	-0.099	0.712

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.355 (0.391)	0.813 (0.569)	0.026	3.610

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-63 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.137	0.44	0.44
0.25 (0.841)	0.269	0.87	1.31
0.50 (0.707)	0.362	1.17	2.48
0.75 (0.595)	0.646	2.08	4.56
1.00 (0.500)	1.348	4.35	8.91
1.25 (0.420)	1.271	4.10	13.00
1.50 (0.354)	2.514	8.11	21.11
1.75 (0.297)	2.057	6.63	27.74
2.00 (0.250)	3.704	11.94	39.68
2.25 (0.210)	2.906	9.37	49.05
2.50 (0.177)	1.651	5.32	54.38
2.75 (0.149)	1.867	6.02	60.39
3.00 (0.125)	2.838	9.15	69.54
3.25 (0.105)	2.590	8.35	77.90
3.50 (0.088)	1.606	5.18	83.07
3.75 (0.074)	1.202	3.88	86.95
4.00 (0.063)	0.837	2.70	89.65
4.25 (0.053)	0.541	1.74	91.39
4.50 (0.044)	0.553	1.78	93.17
4.75 (0.037)	0.579	1.87	95.04
5.00 (0.031)	0.266	0.86	95.90
5.25 (0.026)	1.272	4.10	100.00

TOTAL WEIGHT OF SAMPLE IS 31.016 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.399 (0.190)	1.156 (0.449)	0.188	1.073

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.451 (0.183)	1.109 (0.464)	0.141	0.790

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.461 (0.182)	1.149 (0.451)	0.419	2.785

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-63 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-1.00 (2.000)	0.968	3.03	3.03
-0.75 (1.682)	0.924	2.89	5.92
-0.50 (1.414)	1.302	4.07	9.99
-0.25 (1.189)	2.106	6.59	16.57
0.00 (1.000)	2.426	7.59	24.16
0.25 (0.841)	3.907	12.22	36.38
0.50 (0.707)	3.009	9.41	45.79
0.75 (0.595)	3.520	11.01	56.80
1.00 (0.500)	3.965	12.40	69.20
1.25 (0.420)	1.756	5.49	74.69
1.50 (0.354)	2.366	7.40	82.09
1.75 (0.297)	1.192	3.73	85.82
2.00 (0.250)	1.838	5.75	91.57
2.25 (0.210)	1.150	3.60	95.16
2.50 (0.177)	0.510	1.59	96.76
2.75 (0.149)	0.408	1.28	98.03
3.00 (0.125)	0.290	0.91	98.94
3.25 (0.105)	0.302	0.94	99.88
3.50 (0.088)	0.026	0.08	99.97
3.75 (0.074)	0.011	0.03	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 31.976 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.651 (0.637)	0.940 (0.521)	0.079	1.011

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.678 (0.625)	0.950 (0.518)	0.087	0.615

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.648 (0.638)	0.922 (0.528)	0.334	2.785

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-63 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.059	0.20	0.20
0.25 (0.841)	0.082	0.27	0.47
0.50 (0.707)	0.094	0.31	0.78
0.75 (0.595)	0.150	0.50	1.27
1.00 (0.500)	0.303	1.00	2.28
1.25 (0.420)	0.415	1.37	3.65
1.50 (0.354)	1.098	3.63	7.28
1.75 (0.297)	0.997	3.30	10.58
2.00 (0.250)	5.569	18.43	29.01
2.25 (0.210)	9.483	31.38	60.39
2.50 (0.177)	3.294	10.90	71.29
2.75 (0.149)	4.055	13.42	84.70
3.00 (0.125)	3.403	11.26	95.96
3.25 (0.105)	1.002	3.32	99.28
3.50 (0.088)	0.125	0.41	99.69
3.75 (0.074)	0.045	0.15	99.84
4.00 (0.063)	0.012	0.04	99.88
4.25 (0.053)	0.005	0.02	99.90
4.50 (0.044)	0.000	0.00	99.90
4.75 (0.037)	0.001	0.00	99.90
5.00 (0.031)	0.008	0.03	99.93
5.25 (0.026)	0.022	0.07	100.00

TOTAL WEIGHT OF SAMPLE IS 30.222 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.243 (0.211)	0.476 (0.719)	0.120	1.075

GRANULOMETRIC DESCRIPTION:

FINE SAND; WELL SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.280 (0.206)	0.457 (0.729)	0.247	0.791

GRANULOMETRIC DESCRIPTION:

FINE SAND; WELL SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
2.210 (0.216)	0.511 (0.702)	-0.438	5.655

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 03/23/2006