

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

SAMPLE: W-58 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.013	0.04	0.04
-0.50 (1.414)	0.129	0.44	0.48
-0.25 (1.189)	0.298	1.01	1.49
0.00 (1.000)	0.650	2.19	3.68
0.25 (0.841)	2.154	7.27	10.95
0.50 (0.707)	3.551	11.99	22.94
0.75 (0.595)	5.259	17.76	40.70
1.00 (0.500)	6.372	21.51	62.21
1.25 (0.420)	2.718	9.18	71.39
1.50 (0.354)	2.871	9.69	81.08
1.75 (0.297)	1.161	3.92	85.00
2.00 (0.250)	1.531	5.17	90.17
2.25 (0.210)	0.885	2.99	93.16
2.50 (0.177)	0.500	1.69	94.84
2.75 (0.149)	0.446	1.51	96.35
3.00 (0.125)	0.428	1.45	97.80
3.25 (0.105)	0.285	0.96	98.76
3.50 (0.088)	0.097	0.33	99.09
3.75 (0.074)	0.079	0.27	99.35
4.00 (0.063)	0.032	0.11	99.46
4.25 (0.053)	0.059	0.20	99.66
4.50 (0.044)	0.101	0.34	100.00

TOTAL WEIGHT OF SAMPLE IS 29.619 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.967 (0.512)	0.709 (0.612)	0.295	1.249

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.021 (0.493)	0.665 (0.630)	0.244	0.864

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
1.004 (0.499)	0.754 (0.593)	1.225	5.345

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/24/2006

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: W-58 1.6'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.194	0.87	0.87
0.25 (0.841)	0.371	1.66	2.53
0.50 (0.707)	0.604	2.71	5.24
0.75 (0.595)	0.970	4.35	9.58
1.00 (0.500)	1.861	8.34	17.92
1.25 (0.420)	1.418	6.35	24.27
1.50 (0.354)	2.183	9.78	34.05
1.75 (0.297)	1.525	6.83	40.88
2.00 (0.250)	2.466	11.05	51.93
2.25 (0.210)	1.971	8.83	60.76
2.50 (0.177)	1.363	6.11	66.86
2.75 (0.149)	1.600	7.17	74.03
3.00 (0.125)	2.092	9.37	83.40
3.25 (0.105)	1.400	6.27	89.67
3.50 (0.088)	0.501	2.24	91.91
3.75 (0.074)	0.380	1.70	93.62
4.00 (0.063)	0.209	0.94	94.55
4.25 (0.053)	0.245	1.10	95.65
4.50 (0.044)	0.164	0.73	96.39
4.75 (0.037)	0.215	0.96	97.35
5.00 (0.031)	0.076	0.34	97.69
5.25 (0.026)	0.516	2.31	100.00

TOTAL WEIGHT OF SAMPLE IS 22.324 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.974 (0.254)	1.069 (0.477)	0.105	0.985

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.983 (0.253)	1.041 (0.486)	0.026	0.741

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
2.052 (0.241)	1.083 (0.472)	0.579	3.326

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; FINE SKEWED; MESOKURITIC

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

SAMPLE: W-58 3.3'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.256	0.97	0.97
0.25 (0.841)	0.656	2.49	3.46
0.50 (0.707)	1.101	4.18	7.64
0.75 (0.595)	2.163	8.21	15.84
1.00 (0.500)	3.783	14.35	30.20
1.25 (0.420)	2.672	10.14	40.33
1.50 (0.354)	3.863	14.66	54.99
1.75 (0.297)	2.128	8.07	63.06
2.00 (0.250)	3.723	14.12	77.19
2.25 (0.210)	2.255	8.56	85.74
2.50 (0.177)	1.138	4.32	90.06
2.75 (0.149)	0.945	3.59	93.65
3.00 (0.125)	0.673	2.55	96.20
3.25 (0.105)	0.263	1.00	97.20
3.50 (0.088)	0.116	0.44	97.64
3.75 (0.074)	0.118	0.45	98.08
4.00 (0.063)	0.094	0.36	98.44
4.25 (0.053)	0.091	0.35	98.79
4.50 (0.044)	0.057	0.22	99.00
4.75 (0.037)	0.075	0.28	99.29
5.00 (0.031)	0.030	0.11	99.40
5.25 (0.026)	0.158	0.60	100.00

TOTAL WEIGHT OF SAMPLE IS 26.358 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.456 (0.365)	0.747 (0.596)	0.120	0.990

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.476 (0.360)	0.723 (0.606)	0.084	0.756

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
1.507 (0.352)	0.828 (0.563)	1.042	5.454

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-58 4.9'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.189	0.67	0.67
0.25 (0.841)	0.514	1.82	2.49
0.50 (0.707)	1.045	3.71	6.20
0.75 (0.595)	2.059	7.30	13.50
1.00 (0.500)	4.059	14.39	27.89
1.25 (0.420)	2.778	9.85	37.74
1.50 (0.354)	3.800	13.47	51.21
1.75 (0.297)	2.009	7.12	58.34
2.00 (0.250)	3.048	10.81	69.14
2.25 (0.210)	2.104	7.46	76.60
2.50 (0.177)	1.316	4.67	81.27
2.75 (0.149)	1.507	5.34	86.61
3.00 (0.125)	1.526	5.41	92.02
3.25 (0.105)	0.562	1.99	94.02
3.50 (0.088)	0.241	0.85	94.87
3.75 (0.074)	0.248	0.88	95.75
4.00 (0.063)	0.187	0.66	96.41
4.25 (0.053)	0.175	0.62	97.03
4.50 (0.044)	0.136	0.48	97.51
4.75 (0.037)	0.172	0.61	98.12
5.00 (0.031)	0.053	0.19	98.31
5.25 (0.026)	0.476	1.69	100.00

TOTAL WEIGHT OF SAMPLE IS 28.204 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.633 (0.322)	0.931 (0.524)	0.288	1.025

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.711 (0.306)	0.917 (0.530)	0.254	0.700

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
1.686 (0.311)	0.994 (0.502)	1.119	4.636

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-58 6.6'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.027	0.12	0.12
-0.50 (1.414)	0.075	0.33	0.45
-0.25 (1.189)	0.136	0.60	1.05
0.00 (1.000)	0.345	1.53	2.58
0.25 (0.841)	0.911	4.03	6.61
0.50 (0.707)	1.471	6.51	13.12
0.75 (0.595)	2.394	10.59	23.71
1.00 (0.500)	3.715	16.44	40.15
1.25 (0.420)	2.556	11.31	51.46
1.50 (0.354)	3.555	15.73	67.19
1.75 (0.297)	1.623	7.18	74.37
2.00 (0.250)	2.202	9.74	84.12
2.25 (0.210)	1.126	4.98	89.10
2.50 (0.177)	0.689	3.05	92.15
2.75 (0.149)	0.669	2.96	95.11
3.00 (0.125)	0.630	2.79	97.90
3.25 (0.105)	0.218	0.96	98.86
3.50 (0.088)	0.062	0.27	99.14
3.75 (0.074)	0.048	0.21	99.35
4.00 (0.063)	0.028	0.12	99.47
4.25 (0.053)	0.042	0.19	99.66
4.50 (0.044)	0.077	0.34	100.00

TOTAL WEIGHT OF SAMPLE IS 22.599 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.261 (0.417)	0.750 (0.595)	0.133	1.065

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.282 (0.411)	0.714 (0.609)	0.091	0.813

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
1.286 (0.410)	0.775 (0.585)	0.626	3.849

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-58 8.2'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.419	1.51	1.51
0.25 (0.841)	0.657	2.37	3.89
0.50 (0.707)	1.075	3.88	7.77
0.75 (0.595)	1.781	6.43	14.20
1.00 (0.500)	3.448	12.45	26.66
1.25 (0.420)	2.853	10.30	36.96
1.50 (0.354)	4.674	16.88	53.84
1.75 (0.297)	2.857	10.32	64.16
2.00 (0.250)	4.682	16.91	81.07
2.25 (0.210)	2.217	8.01	89.08
2.50 (0.177)	0.862	3.11	92.19
2.75 (0.149)	0.652	2.35	94.55
3.00 (0.125)	0.537	1.94	96.49
3.25 (0.105)	0.276	1.00	97.49
3.50 (0.088)	0.133	0.48	97.97
3.75 (0.074)	0.119	0.43	98.40
4.00 (0.063)	0.084	0.30	98.70
4.25 (0.053)	0.086	0.31	99.01
4.50 (0.044)	0.054	0.20	99.21
4.75 (0.037)	0.070	0.25	99.46
5.00 (0.031)	0.043	0.16	99.61
5.25 (0.026)	0.107	0.39	100.00

TOTAL WEIGHT OF SAMPLE IS 27.686 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.440 (0.369)	0.703 (0.614)	0.046	1.080

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.439 (0.369)	0.653 (0.636)	-0.007	0.905

GRANULOMETRIC DESCRIPTION:

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

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.494 (0.355)	0.779 (0.583)	0.979	5.891

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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COASTAL STUDIES INSTITUTE, LOUISIANA STATE UNIVERSITY

SAMPLE: W-58 9.8'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.065	0.23	0.23
0.25 (0.841)	0.231	0.83	1.06
0.50 (0.707)	0.354	1.27	2.33
0.75 (0.595)	0.738	2.64	4.97
1.00 (0.500)	2.436	8.73	13.70
1.25 (0.420)	3.184	11.41	25.10
1.50 (0.354)	7.045	25.24	50.34
1.75 (0.297)	4.468	16.01	66.35
2.00 (0.250)	5.185	18.57	84.92
2.25 (0.210)	1.472	5.27	90.20
2.50 (0.177)	0.512	1.83	92.03
2.75 (0.149)	0.439	1.57	93.60
3.00 (0.125)	0.450	1.61	95.21
3.25 (0.105)	0.269	0.96	96.18
3.50 (0.088)	0.156	0.56	96.74
3.75 (0.074)	0.160	0.57	97.31
4.00 (0.063)	0.102	0.37	97.68
4.25 (0.053)	0.134	0.48	98.16
4.50 (0.044)	0.086	0.31	98.46
4.75 (0.037)	0.114	0.41	98.87
5.00 (0.031)	0.042	0.15	99.02
5.25 (0.026)	0.273	0.98	100.00

TOTAL WEIGHT OF SAMPLE IS 27.915 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.512 (0.351)	0.570 (0.674)	0.187	1.468

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.519 (0.349)	0.469 (0.723)	0.048	1.365

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; WELL SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.619 (0.326)	0.740 (0.599)	1.971	9.539

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY FINE SKEWED; VERY LEPTOKURITIC

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: W-58 11.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.000	0.00	0.00
0.25 (0.841)	0.024	0.08	0.08
0.50 (0.707)	0.148	0.47	0.54
0.75 (0.595)	0.481	1.51	2.05
1.00 (0.500)	2.919	9.17	11.23
1.25 (0.420)	4.970	15.62	26.84
1.50 (0.354)	11.082	34.83	61.67
1.75 (0.297)	5.281	16.60	78.27
2.00 (0.250)	5.295	16.64	94.91
2.25 (0.210)	0.917	2.88	97.79
2.50 (0.177)	0.206	0.65	98.44
2.75 (0.149)	0.126	0.40	98.83
3.00 (0.125)	0.105	0.33	99.16
3.25 (0.105)	0.067	0.21	99.37
3.50 (0.088)	0.037	0.12	99.49
3.75 (0.074)	0.029	0.09	99.58
4.00 (0.063)	0.017	0.05	99.64
4.25 (0.053)	0.034	0.11	99.74
4.50 (0.044)	0.010	0.03	99.77
4.75 (0.037)	0.019	0.06	99.83
5.00 (0.031)	0.012	0.04	99.87
5.25 (0.026)	0.041	0.13	100.00

TOTAL WEIGHT OF SAMPLE IS 31.82 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.443 (0.368)	0.368 (0.775)	0.055	1.005

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; WELL SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.456 (0.364)	0.380 (0.769)	0.105	0.550

GRANULOMETRIC DESCRIPTION:

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

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.457 (0.364)	0.433 (0.741)	1.998	15.829

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; WELL SORTED; STRONGLY FINE SKEWED; VERY LEPTOKURITIC

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