

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

SAMPLE: W-37 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.009	0.05	0.05
0.25 (0.841)	0.042	0.23	0.27
0.50 (0.707)	0.125	0.67	0.95
0.75 (0.595)	0.353	1.90	2.84
1.00 (0.500)	1.342	7.22	10.06
1.25 (0.420)	1.563	8.40	18.46
1.50 (0.354)	3.252	17.48	35.95
1.75 (0.297)	2.392	12.86	48.81
2.00 (0.250)	4.698	25.26	74.07
2.25 (0.210)	2.709	14.57	88.63
2.50 (0.177)	1.078	5.80	94.43
2.75 (0.149)	0.551	2.96	97.39
3.00 (0.125)	0.259	1.39	98.78
3.25 (0.105)	0.094	0.51	99.29
3.50 (0.088)	0.034	0.18	99.47
3.75 (0.074)	0.024	0.13	99.60
4.00 (0.063)	0.016	0.09	99.69
4.25 (0.053)	0.016	0.09	99.77
4.50 (0.044)	0.002	0.01	99.78
4.75 (0.037)	0.008	0.04	99.83
5.00 (0.031)	0.013	0.07	99.90
5.25 (0.026)	0.019	0.10	100.00

TOTAL WEIGHT OF SAMPLE IS 18.599 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.703 (0.307)	0.510 (0.702)	-0.132	1.050

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.674 (0.313)	0.497 (0.709)	-0.178	0.734

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.705 (0.307)	0.543 (0.686)	0.552	6.028

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY WELL SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/07/2006

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

SAMPLE: W-37 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.007	0.04	0.04
0.25 (0.841)	0.041	0.21	0.24
0.50 (0.707)	0.096	0.48	0.72
0.75 (0.595)	0.301	1.51	2.23
1.00 (0.500)	1.051	5.27	7.50
1.25 (0.420)	1.261	6.32	13.83
1.50 (0.354)	2.837	14.23	28.06
1.75 (0.297)	2.289	11.48	39.54
2.00 (0.250)	5.088	25.52	65.06
2.25 (0.210)	3.568	17.90	82.95
2.50 (0.177)	1.594	7.99	90.95
2.75 (0.149)	1.010	5.07	96.01
3.00 (0.125)	0.503	2.52	98.54
3.25 (0.105)	0.146	0.73	99.27
3.50 (0.088)	0.041	0.21	99.47
3.75 (0.074)	0.024	0.12	99.59
4.00 (0.063)	0.014	0.07	99.66
4.25 (0.053)	0.014	0.07	99.73
4.50 (0.044)	0.016	0.08	99.81
4.75 (0.037)	0.003	0.02	99.83
5.00 (0.031)	0.011	0.06	99.88
5.25 (0.026)	0.023	0.12	100.00

TOTAL WEIGHT OF SAMPLE IS 19.938 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.808 (0.286)	0.524 (0.695)	-0.101	1.076

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.785 (0.290)	0.497 (0.708)	-0.135	0.829

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.818 (0.284)	0.552 (0.682)	0.386	5.470

GRANULOMETRIC DESCRIPTION:

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

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: W-37 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.013	0.07	0.07
0.25 (0.841)	0.006	0.03	0.11
0.50 (0.707)	0.024	0.13	0.24
0.75 (0.595)	0.069	0.39	0.63
1.00 (0.500)	0.414	2.33	2.96
1.25 (0.420)	0.551	3.10	6.05
1.50 (0.354)	1.478	8.31	14.36
1.75 (0.297)	1.613	9.07	23.43
2.00 (0.250)	4.454	25.03	48.46
2.25 (0.210)	4.196	23.58	72.04
2.50 (0.177)	2.129	11.97	84.01
2.75 (0.149)	1.483	8.34	92.34
3.00 (0.125)	0.785	4.41	96.76
3.25 (0.105)	0.250	1.41	98.16
3.50 (0.088)	0.072	0.40	98.57
3.75 (0.074)	0.050	0.28	98.85
4.00 (0.063)	0.034	0.19	99.04
4.25 (0.053)	0.031	0.17	99.21
4.50 (0.044)	0.028	0.16	99.37
4.75 (0.037)	0.021	0.12	99.49
5.00 (0.031)	0.021	0.12	99.61
5.25 (0.026)	0.070	0.39	100.00

TOTAL WEIGHT OF SAMPLE IS 17.792 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.020 (0.246)	0.502 (0.706)	0.016	1.303

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.023 (0.246)	0.477 (0.718)	0.013	0.818

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
2.041 (0.243)	0.562 (0.678)	0.994	8.030

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; FINE SKEWED; VERY LEPTOKURITIC

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

SAMPLE: W-37 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.004	0.02	0.02
0.25 (0.841)	0.011	0.05	0.07
0.50 (0.707)	0.021	0.10	0.17
0.75 (0.595)	0.091	0.44	0.61
1.00 (0.500)	0.310	1.48	2.09
1.25 (0.420)	0.365	1.75	3.84
1.50 (0.354)	1.090	5.22	9.06
1.75 (0.297)	1.247	5.97	15.03
2.00 (0.250)	4.304	20.61	35.64
2.25 (0.210)	5.360	25.67	61.31
2.50 (0.177)	3.347	16.03	77.34
2.75 (0.149)	2.568	12.30	89.64
3.00 (0.125)	1.443	6.91	96.55
3.25 (0.105)	0.422	2.02	98.57
3.50 (0.088)	0.092	0.44	99.01
3.75 (0.074)	0.053	0.25	99.26
4.00 (0.063)	0.032	0.15	99.42
4.25 (0.053)	0.028	0.13	99.55
4.50 (0.044)	0.016	0.08	99.63
4.75 (0.037)	0.013	0.06	99.69
5.00 (0.031)	0.018	0.09	99.77
5.25 (0.026)	0.047	0.23	100.00

TOTAL WEIGHT OF SAMPLE IS 20.882 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.179 (0.221)	0.467 (0.724)	0.058	1.133

GRANULOMETRIC DESCRIPTION:

FINE SAND; WELL SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.199 (0.218)	0.437 (0.739)	0.134	0.875

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
2.159 (0.224)	0.519 (0.698)	0.479	6.791

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-37 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.007	0.04	0.04
0.25 (0.841)	0.004	0.02	0.06
0.50 (0.707)	0.026	0.14	0.20
0.75 (0.595)	0.082	0.45	0.66
1.00 (0.500)	0.290	1.60	2.26
1.25 (0.420)	0.298	1.65	3.91
1.50 (0.354)	0.877	4.85	8.76
1.75 (0.297)	0.931	5.15	13.90
2.00 (0.250)	3.148	17.40	31.30
2.25 (0.210)	4.191	23.17	54.47
2.50 (0.177)	2.934	16.22	70.69
2.75 (0.149)	2.636	14.57	85.26
3.00 (0.125)	1.687	9.33	94.59
3.25 (0.105)	0.526	2.91	97.50
3.50 (0.088)	0.114	0.63	98.13
3.75 (0.074)	0.075	0.41	98.54
4.00 (0.063)	0.046	0.25	98.79
4.25 (0.053)	0.048	0.27	99.06
4.50 (0.044)	0.027	0.15	99.21
4.75 (0.037)	0.028	0.15	99.36
5.00 (0.031)	0.035	0.19	99.56
5.25 (0.026)	0.080	0.44	100.00

TOTAL WEIGHT OF SAMPLE IS 18.09 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.237 (0.212)	0.499 (0.708)	0.037	1.066

GRANULOMETRIC DESCRIPTION:

FINE SAND; WELL SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.254 (0.210)	0.474 (0.720)	0.111	0.824

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
2.234 (0.213)	0.579 (0.669)	0.686	6.943

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY WELL SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-37 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.036	0.17	0.17
0.25 (0.841)	0.057	0.27	0.43
0.50 (0.707)	0.112	0.52	0.96
0.75 (0.595)	0.167	0.78	1.74
1.00 (0.500)	0.404	1.89	3.62
1.25 (0.420)	0.344	1.61	5.23
1.50 (0.354)	0.727	3.39	8.62
1.75 (0.297)	0.782	3.65	12.27
2.00 (0.250)	2.192	10.23	22.51
2.25 (0.210)	3.047	14.22	36.73
2.50 (0.177)	2.710	12.65	49.38
2.75 (0.149)	3.459	16.15	65.53
3.00 (0.125)	3.830	17.88	83.41
3.25 (0.105)	2.036	9.50	92.91
3.50 (0.088)	0.411	1.92	94.83
3.75 (0.074)	0.290	1.35	96.19
4.00 (0.063)	0.140	0.65	96.84
4.25 (0.053)	0.143	0.67	97.51
4.50 (0.044)	0.086	0.40	97.91
4.75 (0.037)	0.093	0.43	98.34
5.00 (0.031)	0.059	0.28	98.62
5.25 (0.026)	0.296	1.38	100.00

TOTAL WEIGHT OF SAMPLE IS 21.421 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.455 (0.182)	0.645 (0.640)	-0.128	1.132

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.428 (0.186)	0.587 (0.666)	-0.138	0.972

GRANULOMETRIC DESCRIPTION:

FINE 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
2.466 (0.181)	0.749 (0.595)	0.304	5.306

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: W-37 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.196	0.99	0.99
0.25 (0.841)	0.142	0.72	1.71
0.50 (0.707)	0.178	0.90	2.61
0.75 (0.595)	0.253	1.28	3.90
1.00 (0.500)	0.509	2.58	6.48
1.25 (0.420)	0.389	1.97	8.45
1.50 (0.354)	0.760	3.85	12.30
1.75 (0.297)	0.714	3.62	15.92
2.00 (0.250)	1.872	9.49	25.40
2.25 (0.210)	2.455	12.44	37.84
2.50 (0.177)	2.249	11.40	49.24
2.75 (0.149)	2.589	13.12	62.36
3.00 (0.125)	3.574	18.11	80.47
3.25 (0.105)	2.236	11.33	91.80
3.50 (0.088)	0.591	2.99	94.80
3.75 (0.074)	0.340	1.72	96.52
4.00 (0.063)	0.127	0.64	97.16
4.25 (0.053)	0.149	0.76	97.92
4.50 (0.044)	0.069	0.35	98.27
4.75 (0.037)	0.079	0.40	98.67
5.00 (0.031)	0.064	0.32	98.99
5.25 (0.026)	0.199	1.01	100.00

TOTAL WEIGHT OF SAMPLE IS 19.734 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.448 (0.183)	0.736 (0.600)	-0.195	1.171

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.415 (0.187)	0.663 (0.632)	-0.150	1.016

GRANULOMETRIC DESCRIPTION:

FINE 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
2.421 (0.187)	0.833 (0.561)	-0.232	4.519

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: W-37 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.033	0.19	0.19
0.25 (0.841)	0.044	0.26	0.45
0.50 (0.707)	0.103	0.60	1.04
0.75 (0.595)	0.153	0.89	1.93
1.00 (0.500)	0.406	2.36	4.29
1.25 (0.420)	0.372	2.16	6.45
1.50 (0.354)	0.737	4.28	10.72
1.75 (0.297)	0.667	3.87	14.59
2.00 (0.250)	1.838	10.67	25.26
2.25 (0.210)	2.284	13.25	38.51
2.50 (0.177)	1.781	10.33	48.85
2.75 (0.149)	2.107	12.23	61.07
3.00 (0.125)	2.577	14.95	76.03
3.25 (0.105)	1.992	11.56	87.59
3.50 (0.088)	0.844	4.90	92.49
3.75 (0.074)	0.513	2.98	95.46
4.00 (0.063)	0.204	1.18	96.65
4.25 (0.053)	0.156	0.91	97.55
4.50 (0.044)	0.080	0.46	98.02
4.75 (0.037)	0.082	0.48	98.49
5.00 (0.031)	0.047	0.27	98.76
5.25 (0.026)	0.213	1.24	100.00

TOTAL WEIGHT OF SAMPLE IS 17.233 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.493 (0.178)	0.746 (0.596)	-0.081	1.089

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.478 (0.180)	0.695 (0.618)	-0.066	0.892

GRANULOMETRIC DESCRIPTION:

FINE 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
2.489 (0.178)	0.814 (0.569)	0.144	4.078

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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