

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

SAMPLE: W-43 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.470	2.22	2.22
0.00 (1.000)	0.424	2.01	4.23
0.25 (0.841)	0.814	3.85	8.08
0.50 (0.707)	0.977	4.62	12.70
0.75 (0.595)	1.463	6.92	19.63
1.00 (0.500)	1.958	9.26	28.89
1.25 (0.420)	2.394	11.33	40.22
1.50 (0.354)	4.203	19.89	60.10
1.75 (0.297)	2.456	11.62	71.72
2.00 (0.250)	3.599	17.03	88.75
2.25 (0.210)	1.456	6.89	95.64
2.50 (0.177)	0.445	2.11	97.74
2.75 (0.149)	0.252	1.19	98.94
3.00 (0.125)	0.152	0.72	99.65
3.25 (0.105)	0.046	0.22	99.87
3.50 (0.088)	0.014	0.07	99.94
3.75 (0.074)	0.007	0.03	99.97
4.00 (0.063)	0.006	0.03	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 21.136 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.307 (0.404)	0.658 (0.634)	-0.183	0.988

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.275 (0.413)	0.656 (0.635)	-0.150	0.660

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY 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
1.304 (0.405)	0.664 (0.631)	-0.379	3.105

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: W-43 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	0.458	2.03	2.03
0.00 (1.000)	0.410	1.81	3.84
0.25 (0.841)	0.742	3.28	7.12
0.50 (0.707)	0.944	4.18	11.30
0.75 (0.595)	1.445	6.39	17.69
1.00 (0.500)	2.791	12.34	30.03
1.25 (0.420)	2.451	10.84	40.87
1.50 (0.354)	4.137	18.30	59.17
1.75 (0.297)	2.440	10.79	69.96
2.00 (0.250)	3.733	16.51	86.47
2.25 (0.210)	1.631	7.21	93.68
2.50 (0.177)	0.599	2.65	96.33
2.75 (0.149)	0.374	1.65	97.99
3.00 (0.125)	0.263	1.16	99.15
3.25 (0.105)	0.116	0.51	99.66
3.50 (0.088)	0.035	0.15	99.82
3.75 (0.074)	0.020	0.09	99.91
4.00 (0.063)	0.013	0.06	99.96
4.25 (0.053)	0.007	0.03	100.00
4.50 (0.044)	0.001	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 22.61 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.340 (0.395)	0.666 (0.630)	-0.103	1.009

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.323 (0.400)	0.639 (0.642)	-0.080	0.788

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
1.338 (0.396)	0.684 (0.622)	-0.155	3.286

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: W-43 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.463	2.50	2.50
0.25 (0.841)	0.452	2.44	4.94
0.50 (0.707)	0.661	3.57	8.51
0.75 (0.595)	1.016	5.49	14.00
1.00 (0.500)	2.050	11.07	25.08
1.25 (0.420)	2.225	12.02	37.09
1.50 (0.354)	3.527	19.05	56.15
1.75 (0.297)	2.179	11.77	67.92
2.00 (0.250)	3.414	18.44	86.36
2.25 (0.210)	1.403	7.58	93.94
2.50 (0.177)	0.507	2.74	96.68
2.75 (0.149)	0.297	1.60	98.28
3.00 (0.125)	0.194	1.05	99.33
3.25 (0.105)	0.075	0.41	99.74
3.50 (0.088)	0.017	0.09	99.83
3.75 (0.074)	0.010	0.05	99.88
4.00 (0.063)	0.005	0.03	99.91
4.25 (0.053)	0.005	0.03	99.94
4.50 (0.044)	0.004	0.02	99.96
4.75 (0.037)	0.003	0.02	99.97
5.00 (0.031)	0.003	0.02	99.99
5.25 (0.026)	0.002	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 18.512 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.394 (0.380)	0.610 (0.655)	-0.089	1.012

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.382 (0.384)	0.586 (0.666)	-0.064	0.784

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
1.400 (0.379)	0.630 (0.646)	-0.066	3.649

GRANULOMETRIC DESCRIPTION:

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

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\*\*\* GRAIN-SIZE ANALYSES REPORT \*\*\*  
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SAMPLE: W-43 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.222	1.22	1.22
0.25 (0.841)	0.319	1.75	2.97
0.50 (0.707)	0.416	2.28	5.25
0.75 (0.595)	0.644	3.53	8.78
1.00 (0.500)	1.000	5.49	14.27
1.25 (0.420)	1.420	7.79	22.06
1.50 (0.354)	2.604	14.29	36.35
1.75 (0.297)	2.027	11.12	47.47
2.00 (0.250)	3.995	21.92	69.38
2.25 (0.210)	2.355	12.92	82.30
2.50 (0.177)	1.102	6.05	88.35
2.75 (0.149)	0.887	4.87	93.21
3.00 (0.125)	0.690	3.79	97.00
3.25 (0.105)	0.294	1.61	98.61
3.50 (0.088)	0.085	0.47	99.08
3.75 (0.074)	0.052	0.29	99.36
4.00 (0.063)	0.034	0.19	99.55
4.25 (0.053)	0.021	0.12	99.67
4.50 (0.044)	0.017	0.09	99.76
4.75 (0.037)	0.019	0.10	99.86
5.00 (0.031)	0.014	0.08	99.94
5.25 (0.026)	0.011	0.06	100.00

TOTAL WEIGHT OF SAMPLE IS 18.228 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.718 (0.304)	0.679 (0.625)	-0.117	1.216

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.688 (0.310)	0.632 (0.645)	-0.144	0.894

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
1.714 (0.305)	0.705 (0.613)	0.103	4.152

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: W-43 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.146	0.81	0.81
0.25 (0.841)	0.137	0.76	1.58
0.50 (0.707)	0.142	0.79	2.37
0.75 (0.595)	0.231	1.29	3.66
1.00 (0.500)	0.512	2.85	6.51
1.25 (0.420)	0.625	3.48	10.00
1.50 (0.354)	1.616	9.01	19.01
1.75 (0.297)	1.878	10.47	29.48
2.00 (0.250)	4.300	23.98	53.45
2.25 (0.210)	3.342	18.63	72.09
2.50 (0.177)	1.538	8.58	80.66
2.75 (0.149)	1.439	8.02	88.69
3.00 (0.125)	1.213	6.76	95.45
3.25 (0.105)	0.557	3.11	98.56
3.50 (0.088)	0.127	0.71	99.26
3.75 (0.074)	0.062	0.35	99.61
4.00 (0.063)	0.023	0.13	99.74
4.25 (0.053)	0.019	0.11	99.84
4.50 (0.044)	0.009	0.05	99.89
4.75 (0.037)	0.008	0.04	99.94
5.00 (0.031)	0.007	0.04	99.98
5.25 (0.026)	0.004	0.02	100.00

TOTAL WEIGHT OF SAMPLE IS 17.935 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.995 (0.251)	0.617 (0.652)	0.021	1.253

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.010 (0.248)	0.594 (0.663)	0.078	0.782

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
1.974 (0.255)	0.637 (0.643)	-0.229	4.331

GRANULOMETRIC DESCRIPTION:

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

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SAMPLE: W-43 7.3'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.285	1.42	1.42
0.25 (0.841)	0.169	0.84	2.27
0.50 (0.707)	0.196	0.98	3.25
0.75 (0.595)	0.218	1.09	4.34
1.00 (0.500)	0.402	2.01	6.35
1.25 (0.420)	0.464	2.32	8.67
1.50 (0.354)	1.135	5.67	14.34
1.75 (0.297)	1.375	6.87	21.21
2.00 (0.250)	4.213	21.06	42.27
2.25 (0.210)	4.425	22.12	64.39
2.50 (0.177)	2.427	12.13	76.52
2.75 (0.149)	1.881	9.40	85.92
3.00 (0.125)	1.713	8.56	94.48
3.25 (0.105)	0.722	3.61	98.09
3.50 (0.088)	0.198	0.99	99.08
3.75 (0.074)	0.083	0.41	99.50
4.00 (0.063)	0.033	0.16	99.66
4.25 (0.053)	0.025	0.12	99.79
4.50 (0.044)	0.015	0.07	99.86
4.75 (0.037)	0.011	0.05	99.92
5.00 (0.031)	0.012	0.06	99.98
5.25 (0.026)	0.005	0.02	100.00

TOTAL WEIGHT OF SAMPLE IS 20.007 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.116 (0.231)	0.619 (0.651)	-0.032	1.340

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.130 (0.229)	0.569 (0.674)	0.074	0.935

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
2.072 (0.238)	0.662 (0.632)	-0.595	4.905

GRANULOMETRIC DESCRIPTION:

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

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