

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

SAMPLE: W-80 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.881	3.24	3.24
-0.25 (1.189)	0.894	3.29	6.53
0.00 (1.000)	1.280	4.71	11.24
0.25 (0.841)	1.895	6.97	18.21
0.50 (0.707)	2.207	8.12	26.33
0.75 (0.595)	2.905	10.69	37.02
1.00 (0.500)	4.277	15.74	52.76
1.25 (0.420)	2.958	10.88	63.65
1.50 (0.354)	3.591	13.21	76.86
1.75 (0.297)	1.764	6.49	83.35
2.00 (0.250)	2.528	9.30	92.65
2.25 (0.210)	1.119	4.12	96.77
2.50 (0.177)	0.391	1.44	98.21
2.75 (0.149)	0.281	1.03	99.24
3.00 (0.125)	0.123	0.45	99.69
3.25 (0.105)	0.064	0.24	99.93
3.50 (0.088)	0.013	0.05	99.98
3.75 (0.074)	0.002	0.01	99.99
4.00 (0.063)	0.000	0.00	99.99
4.25 (0.053)	0.001	0.00	99.99
4.50 (0.044)	0.003	0.01	100.00
4.75 (0.037)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 27.177 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.965 (0.512)	0.779 (0.583)	-0.019	1.022

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.969 (0.511)	0.798 (0.575)	0.016	0.571

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
0.961 (0.514)	0.751 (0.594)	-0.016	2.727

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/31/2006

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

SAMPLE: W-80 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.507	2.05	2.05
-0.50 (1.414)	0.650	2.63	4.69
-0.25 (1.189)	0.782	3.17	7.85
0.00 (1.000)	1.069	4.33	12.18
0.25 (0.841)	1.603	6.49	18.68
0.50 (0.707)	1.780	7.21	25.89
0.75 (0.595)	2.384	9.66	35.55
1.00 (0.500)	3.667	14.85	50.40
1.25 (0.420)	2.504	10.14	60.54
1.50 (0.354)	3.523	14.27	74.81
1.75 (0.297)	1.821	7.38	82.19
2.00 (0.250)	2.395	9.70	91.89
2.25 (0.210)	1.121	4.54	96.43
2.50 (0.177)	0.373	1.51	97.94
2.75 (0.149)	0.291	1.18	99.12
3.00 (0.125)	0.126	0.51	99.63
3.25 (0.105)	0.065	0.26	99.89
3.50 (0.088)	0.017	0.07	99.96
3.75 (0.074)	0.005	0.02	99.98
4.00 (0.063)	0.002	0.01	99.99
4.25 (0.053)	0.001	0.00	100.00
4.50 (0.044)	0.001	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 24.687 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.979 (0.507)	0.813 (0.569)	-0.068	1.046

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.972 (0.510)	0.825 (0.565)	-0.026	0.604

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
0.976 (0.508)	0.793 (0.577)	-0.184	2.795

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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

SAMPLE: W-80 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.625	2.33	2.33
-0.25 (1.189)	0.642	2.39	4.71
0.00 (1.000)	0.903	3.36	8.07
0.25 (0.841)	1.544	5.74	13.82
0.50 (0.707)	1.708	6.36	20.17
0.75 (0.595)	2.442	9.09	29.26
1.00 (0.500)	4.086	15.20	44.46
1.25 (0.420)	2.958	11.01	55.47
1.50 (0.354)	4.330	16.11	71.58
1.75 (0.297)	2.249	8.37	79.95
2.00 (0.250)	3.135	11.66	91.61
2.25 (0.210)	1.342	4.99	96.61
2.50 (0.177)	0.424	1.58	98.18
2.75 (0.149)	0.302	1.12	99.31
3.00 (0.125)	0.119	0.44	99.75
3.25 (0.105)	0.056	0.21	99.96
3.50 (0.088)	0.009	0.03	99.99
3.75 (0.074)	0.002	0.01	100.00
4.00 (0.063)	0.000	0.00	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

TOTAL WEIGHT OF SAMPLE IS 26.876 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.099 (0.467)	0.739 (0.599)	-0.091	1.014

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.086 (0.471)	0.751 (0.594)	-0.053	0.598

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
1.087 (0.471)	0.722 (0.606)	-0.220	2.798

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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

SAMPLE: W-80 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.164	0.55	0.55
-0.25 (1.189)	0.145	0.49	1.04
0.00 (1.000)	0.312	1.05	2.09
0.25 (0.841)	0.654	2.20	4.29
0.50 (0.707)	0.659	2.22	6.51
0.75 (0.595)	1.236	4.16	10.67
1.00 (0.500)	2.769	9.32	19.99
1.25 (0.420)	2.492	8.39	28.38
1.50 (0.354)	5.611	18.89	47.26
1.75 (0.297)	3.398	11.44	58.70
2.00 (0.250)	6.514	21.92	80.62
2.25 (0.210)	2.904	9.77	90.40
2.50 (0.177)	1.055	3.55	93.95
2.75 (0.149)	0.887	2.99	96.93
3.00 (0.125)	0.330	1.11	98.04
3.25 (0.105)	0.153	0.51	98.56
3.50 (0.088)	0.037	0.12	98.68
3.75 (0.074)	0.018	0.06	98.74
4.00 (0.063)	0.000	0.00	98.74
4.25 (0.053)	0.005	0.02	98.76
4.50 (0.044)	0.005	0.02	98.78
4.75 (0.037)	0.363	1.22	100.00

TOTAL WEIGHT OF SAMPLE IS 29.711 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.513 (0.350)	0.640 (0.641)	-0.103	1.177

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.490 (0.356)	0.597 (0.661)	-0.118	0.892

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
1.546 (0.343)	0.721 (0.607)	0.536	6.416

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

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SAMPLE: W-80 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.169	0.64	0.64
-0.25 (1.189)	0.131	0.49	1.13
0.00 (1.000)	0.150	0.56	1.69
0.25 (0.841)	0.320	1.20	2.89
0.50 (0.707)	0.285	1.07	3.97
0.75 (0.595)	0.465	1.75	5.71
1.00 (0.500)	1.171	4.40	10.12
1.25 (0.420)	1.316	4.95	15.06
1.50 (0.354)	3.843	14.45	29.51
1.75 (0.297)	3.050	11.47	40.98
2.00 (0.250)	7.744	29.11	70.09
2.25 (0.210)	3.844	14.45	84.54
2.50 (0.177)	1.621	6.09	90.64
2.75 (0.149)	1.535	5.77	96.41
3.00 (0.125)	0.582	2.19	98.60
3.25 (0.105)	0.278	1.05	99.64
3.50 (0.088)	0.057	0.21	99.86
3.75 (0.074)	0.018	0.07	99.92
4.00 (0.063)	0.005	0.02	99.94
4.25 (0.053)	0.000	0.00	99.94
4.50 (0.044)	0.005	0.02	99.96
4.75 (0.037)	0.010	0.04	100.00

TOTAL WEIGHT OF SAMPLE IS 26.599 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.778 (0.292)	0.553 (0.682)	-0.154	1.262

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.753 (0.297)	0.487 (0.713)	-0.152	1.095

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; WELL SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.747 (0.298)	0.617 (0.652)	-0.731	5.081

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 03/31/2006

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

SAMPLE: W-80 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.122	0.54	0.54
-0.25 (1.189)	0.080	0.35	0.89
0.00 (1.000)	0.083	0.36	1.25
0.25 (0.841)	0.184	0.81	2.06
0.50 (0.707)	0.125	0.55	2.61
0.75 (0.595)	0.211	0.93	3.53
1.00 (0.500)	0.595	2.61	6.14
1.25 (0.420)	0.662	2.90	9.05
1.50 (0.354)	2.017	8.85	17.90
1.75 (0.297)	2.086	9.15	27.05
2.00 (0.250)	5.865	25.73	52.78
2.25 (0.210)	4.511	19.79	72.58
2.50 (0.177)	2.206	9.68	82.26
2.75 (0.149)	2.335	10.25	92.50
3.00 (0.125)	1.049	4.60	97.10
3.25 (0.105)	0.500	2.19	99.30
3.50 (0.088)	0.099	0.43	99.73
3.75 (0.074)	0.032	0.14	99.87
4.00 (0.063)	0.004	0.02	99.89
4.25 (0.053)	0.006	0.03	99.92
4.50 (0.044)	0.009	0.04	99.96
4.75 (0.037)	0.010	0.04	100.00

TOTAL WEIGHT OF SAMPLE IS 22.791 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.987 (0.252)	0.576 (0.671)	-0.023	1.322

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.994 (0.251)	0.548 (0.684)	0.039	0.820

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
1.958 (0.257)	0.614 (0.653)	-0.814	5.592

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 03/31/2006

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

SAMPLE: W-80 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.486	1.72	1.72
-0.25 (1.189)	0.321	1.13	2.85
0.00 (1.000)	0.546	1.93	4.78
0.25 (0.841)	0.637	2.25	7.03
0.50 (0.707)	0.534	1.89	8.92
0.75 (0.595)	0.544	1.92	10.84
1.00 (0.500)	0.824	2.91	13.75
1.25 (0.420)	0.665	2.35	16.10
1.50 (0.354)	1.691	5.97	22.07
1.75 (0.297)	1.620	5.72	27.80
2.00 (0.250)	5.446	19.24	47.03
2.25 (0.210)	4.935	17.43	64.47
2.50 (0.177)	2.789	9.85	74.32
2.75 (0.149)	3.836	13.55	87.87
3.00 (0.125)	1.911	6.75	94.62
3.25 (0.105)	1.103	3.90	98.52
3.50 (0.088)	0.238	0.84	99.36
3.75 (0.074)	0.082	0.29	99.65
4.00 (0.063)	0.028	0.10	99.75
4.25 (0.053)	0.025	0.09	99.84
4.50 (0.044)	0.014	0.05	99.89
4.75 (0.037)	0.032	0.11	100.00

TOTAL WEIGHT OF SAMPLE IS 28.307 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.987 (0.252)	0.814 (0.569)	-0.231	1.390

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.959 (0.257)	0.720 (0.607)	-0.116	1.085

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

MOMENTS METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1ST MOMENT	2ND MOMENT	3RD MOMENT	4TH MOMENT
1.922 (0.264)	0.854 (0.553)	-0.987	4.082

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

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SAMPLE: W-80 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.672	2.79	2.79
-0.25 (1.189)	0.448	1.86	4.65
0.00 (1.000)	0.657	2.73	7.37
0.25 (0.841)	0.813	3.37	10.75
0.50 (0.707)	0.681	2.83	13.57
0.75 (0.595)	0.796	3.30	16.87
1.00 (0.500)	1.154	4.79	21.66
1.25 (0.420)	0.812	3.37	25.03
1.50 (0.354)	1.547	6.42	31.45
1.75 (0.297)	1.243	5.16	36.61
2.00 (0.250)	3.595	14.92	51.52
2.25 (0.210)	3.703	15.36	66.89
2.50 (0.177)	2.146	8.90	75.79
2.75 (0.149)	3.022	12.54	88.33
3.00 (0.125)	1.640	6.80	95.13
3.25 (0.105)	0.819	3.40	98.53
3.50 (0.088)	0.185	0.77	99.30
3.75 (0.074)	0.067	0.28	99.58
4.00 (0.063)	0.028	0.12	99.69
4.25 (0.053)	0.018	0.07	99.77
4.50 (0.044)	0.012	0.05	99.82
4.75 (0.037)	0.044	0.18	100.00

TOTAL WEIGHT OF SAMPLE IS 24.102 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.774 (0.292)	0.982 (0.506)	-0.334	1.070

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.674 (0.313)	0.990 (0.504)	-0.304	0.623

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
1.762 (0.295)	0.972 (0.510)	-0.710	2.988

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/31/2006