

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

SAMPLE: W-50 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.522	2.74	2.74
-0.25 (1.189)	0.327	1.71	4.45
0.00 (1.000)	0.587	3.08	7.53
0.25 (0.841)	0.865	4.54	12.07
0.50 (0.707)	0.789	4.14	16.20
0.75 (0.595)	0.954	5.00	21.21
1.00 (0.500)	1.591	8.34	29.55
1.25 (0.420)	1.092	5.73	35.28
1.50 (0.354)	2.217	11.63	46.90
1.75 (0.297)	1.546	8.11	55.01
2.00 (0.250)	2.971	15.58	70.59
2.25 (0.210)	2.134	11.19	81.78
2.50 (0.177)	1.091	5.72	87.50
2.75 (0.149)	1.012	5.31	92.81
3.00 (0.125)	0.858	4.50	97.30
3.25 (0.105)	0.361	1.89	99.20
3.50 (0.088)	0.087	0.46	99.65
3.75 (0.074)	0.031	0.16	99.82
4.00 (0.063)	0.005	0.03	99.84
4.25 (0.053)	0.012	0.06	99.91
4.50 (0.044)	0.007	0.04	99.94
4.75 (0.037)	0.011	0.06	100.00

TOTAL WEIGHT OF SAMPLE IS 19.07 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.477 (0.359)	0.931 (0.524)	-0.181	1.021

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.417 (0.374)	0.930 (0.525)	-0.192	0.655

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
1.477 (0.359)	0.913 (0.531)	-0.327	2.687

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/16/2006

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

SAMPLE: W-50 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.537	2.31	2.31
-0.50 (1.414)	0.471	2.02	4.33
-0.25 (1.189)	0.696	2.99	7.32
0.00 (1.000)	1.162	4.99	12.30
0.25 (0.841)	2.031	8.72	21.02
0.50 (0.707)	1.870	8.03	29.05
0.75 (0.595)	2.131	9.15	38.20
1.00 (0.500)	3.055	13.12	51.32
1.25 (0.420)	2.112	9.07	60.39
1.50 (0.354)	3.282	14.09	74.48
1.75 (0.297)	1.723	7.40	81.87
2.00 (0.250)	2.218	9.52	91.40
2.25 (0.210)	0.991	4.25	95.65
2.50 (0.177)	0.394	1.69	97.34
2.75 (0.149)	0.294	1.26	98.60
3.00 (0.125)	0.210	0.90	99.51
3.25 (0.105)	0.079	0.34	99.85
3.50 (0.088)	0.019	0.08	99.93
3.75 (0.074)	0.009	0.04	99.97
4.00 (0.063)	0.004	0.02	99.98
4.25 (0.053)	0.004	0.02	100.00
4.50 (0.044)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 23.292 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.962 (0.513)	0.827 (0.564)	-0.045	0.951

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.956 (0.516)	0.850 (0.555)	-0.022	0.562

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
0.963 (0.513)	0.816 (0.568)	-0.054	2.728

GRANULOMETRIC DESCRIPTION:

COARSE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/16/2006

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

SAMPLE: W-50 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.522	2.74	2.74
-0.25 (1.189)	0.327	1.71	4.45
0.00 (1.000)	0.587	3.08	7.53
0.25 (0.841)	0.865	4.54	12.07
0.50 (0.707)	0.789	4.14	16.20
0.75 (0.595)	0.954	5.00	21.21
1.00 (0.500)	1.591	8.34	29.55
1.25 (0.420)	1.092	5.73	35.28
1.50 (0.354)	2.217	11.63	46.90
1.75 (0.297)	1.546	8.11	55.01
2.00 (0.250)	2.971	15.58	70.59
2.25 (0.210)	2.134	11.19	81.78
2.50 (0.177)	1.091	5.72	87.50
2.75 (0.149)	1.012	5.31	92.81
3.00 (0.125)	0.858	4.50	97.30
3.25 (0.105)	0.361	1.89	99.20
3.50 (0.088)	0.087	0.46	99.65
3.75 (0.074)	0.031	0.16	99.82
4.00 (0.063)	0.005	0.03	99.84
4.25 (0.053)	0.012	0.06	99.91
4.50 (0.044)	0.007	0.04	99.94
4.75 (0.037)	0.011	0.06	100.00

TOTAL WEIGHT OF SAMPLE IS 19.07 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.477 (0.359)	0.931 (0.524)	-0.181	1.021

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.417 (0.374)	0.930 (0.525)	-0.192	0.655

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
1.477 (0.359)	0.913 (0.531)	-0.327	2.687

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-50 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.979	2.92	2.92
-0.50 (1.414)	0.773	2.31	5.23
-0.25 (1.189)	1.012	3.02	8.25
0.00 (1.000)	1.705	5.09	13.35
0.25 (0.841)	2.233	6.67	20.01
0.50 (0.707)	2.204	6.58	26.59
0.75 (0.595)	2.942	8.79	35.38
1.00 (0.500)	3.784	11.30	46.68
1.25 (0.420)	2.477	7.40	54.08
1.50 (0.354)	3.612	10.79	64.86
1.75 (0.297)	1.844	5.51	70.37
2.00 (0.250)	3.404	10.16	80.53
2.25 (0.210)	2.111	6.30	86.84
2.50 (0.177)	1.147	3.43	90.26
2.75 (0.149)	0.964	2.88	93.14
3.00 (0.125)	0.872	2.60	95.74
3.25 (0.105)	0.471	1.41	97.15
3.50 (0.088)	0.212	0.63	97.78
3.75 (0.074)	0.185	0.55	98.34
4.00 (0.063)	0.114	0.34	98.68
4.25 (0.053)	0.124	0.37	99.05
4.50 (0.044)	0.319	0.95	100.00

TOTAL WEIGHT OF SAMPLE IS 33.488 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.116 (0.461)	1.033 (0.489)	0.029	0.994

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.119 (0.461)	1.019 (0.493)	0.006	0.695

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
1.162 (0.447)	1.043 (0.485)	0.353	3.144

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/20/2006

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

SAMPLE: W-50 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.129	0.68	0.68
-0.25 (1.189)	0.176	0.93	1.61
0.00 (1.000)	0.357	1.88	3.49
0.25 (0.841)	0.513	2.70	6.19
0.50 (0.707)	0.404	2.13	8.31
0.75 (0.595)	0.488	2.57	10.88
1.00 (0.500)	0.911	4.80	15.68
1.25 (0.420)	0.646	3.40	19.08
1.50 (0.354)	1.593	8.39	27.47
1.75 (0.297)	1.275	6.71	34.18
2.00 (0.250)	2.779	14.63	48.81
2.25 (0.210)	2.387	12.57	61.38
2.50 (0.177)	1.465	7.71	69.09
2.75 (0.149)	1.819	9.58	78.67
3.00 (0.125)	2.189	11.52	90.19
3.25 (0.105)	1.235	6.50	96.69
3.50 (0.088)	0.359	1.89	98.58
3.75 (0.074)	0.141	0.74	99.33
4.00 (0.063)	0.031	0.16	99.49
4.25 (0.053)	0.038	0.20	99.69
4.50 (0.044)	0.016	0.08	99.77
4.75 (0.037)	0.043	0.23	100.00

TOTAL WEIGHT OF SAMPLE IS 18.994 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.971 (0.255)	0.922 (0.528)	-0.162	1.016

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.945 (0.260)	0.921 (0.528)	-0.086	0.653

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
1.952 (0.258)	0.908 (0.533)	-0.534	3.094

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/16/2006

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

SAMPLE: W-50 7.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.284	1.20	1.20
0.25 (0.841)	0.347	1.47	2.67
0.50 (0.707)	0.388	1.64	4.32
0.75 (0.595)	0.575	2.44	6.75
1.00 (0.500)	1.014	4.29	11.05
1.25 (0.420)	0.865	3.66	14.71
1.50 (0.354)	1.427	6.04	20.75
1.75 (0.297)	1.033	4.38	25.13
2.00 (0.250)	2.249	9.53	34.65
2.25 (0.210)	2.300	9.74	44.39
2.50 (0.177)	1.938	8.21	52.60
2.75 (0.149)	2.532	10.72	63.33
3.00 (0.125)	3.489	14.78	78.10
3.25 (0.105)	2.466	10.44	88.55
3.50 (0.088)	0.805	3.41	91.96
3.75 (0.074)	0.488	2.07	94.02
4.00 (0.063)	0.261	1.11	95.13
4.25 (0.053)	0.267	1.13	96.26
4.50 (0.044)	0.185	0.78	97.04
4.75 (0.037)	0.212	0.90	97.94
5.00 (0.031)	0.053	0.22	98.17
5.25 (0.026)	0.433	1.83	100.00

TOTAL WEIGHT OF SAMPLE IS 23.611 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.288 (0.205)	0.975 (0.509)	-0.152	1.157

GRANULOMETRIC DESCRIPTION:

FINE SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
2.222 (0.214)	0.919 (0.529)	-0.216	0.850

GRANULOMETRIC DESCRIPTION:

FINE 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
2.328 (0.199)	1.007 (0.498)	0.034	3.402

GRANULOMETRIC DESCRIPTION:

FINE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/21/2006

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

SAMPLE: W-50 9.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.298	1.12	1.12
0.25 (0.841)	0.548	2.06	3.19
0.50 (0.707)	0.980	3.69	6.88
0.75 (0.595)	1.980	7.46	14.34
1.00 (0.500)	4.010	15.10	29.44
1.25 (0.420)	3.025	11.39	40.84
1.50 (0.354)	4.077	15.36	56.19
1.75 (0.297)	1.906	7.18	63.37
2.00 (0.250)	3.085	11.62	74.99
2.25 (0.210)	2.432	9.16	84.15
2.50 (0.177)	1.156	4.35	88.51
2.75 (0.149)	0.921	3.47	91.98
3.00 (0.125)	0.671	2.53	94.50
3.25 (0.105)	0.393	1.48	95.98
3.50 (0.088)	0.194	0.73	96.72
3.75 (0.074)	0.170	0.64	97.36
4.00 (0.063)	0.097	0.37	97.72
4.25 (0.053)	0.148	0.56	98.28
4.50 (0.044)	0.076	0.29	98.56
4.75 (0.037)	0.104	0.39	98.96
5.00 (0.031)	0.040	0.15	99.11
5.25 (0.026)	0.237	0.89	100.00

TOTAL WEIGHT OF SAMPLE IS 26.548 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.474 (0.360)	0.778 (0.583)	0.198	1.035

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.512 (0.351)	0.734 (0.601)	0.153	0.846

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
1.545 (0.343)	0.881 (0.543)	1.194	5.531

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; FINE SKEWED; LEPTOKURITIC

PREPARED BY BL ON 03/21/2006

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

SAMPLE: W-50 10.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.790	3.88	3.88
-0.50 (1.414)	0.753	3.70	7.58
-0.25 (1.189)	0.820	4.03	11.61
0.00 (1.000)	1.424	7.00	18.61
0.25 (0.841)	1.790	8.80	27.41
0.50 (0.707)	1.481	7.28	34.69
0.75 (0.595)	1.731	8.51	43.20
1.00 (0.500)	2.252	11.07	54.27
1.25 (0.420)	1.374	6.75	61.02
1.50 (0.354)	1.850	9.09	70.11
1.75 (0.297)	0.966	4.75	74.86
2.00 (0.250)	1.674	8.23	83.09
2.25 (0.210)	1.178	5.79	88.88
2.50 (0.177)	0.624	3.07	91.94
2.75 (0.149)	0.593	2.91	94.86
3.00 (0.125)	0.520	2.56	97.41
3.25 (0.105)	0.234	1.15	98.56
3.50 (0.088)	0.085	0.42	98.98
3.75 (0.074)	0.072	0.35	99.34
4.00 (0.063)	0.038	0.19	99.52
4.25 (0.053)	0.058	0.29	99.81
4.50 (0.044)	0.039	0.19	100.00

TOTAL WEIGHT OF SAMPLE IS 20.346 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.950 (0.518)	1.054 (0.482)	0.074	0.896

GRANULOMETRIC DESCRIPTION:

COARSE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.973 (0.509)	1.066 (0.478)	0.065	0.612

GRANULOMETRIC DESCRIPTION:

COARSE 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
0.976 (0.508)	1.033 (0.489)	0.308	2.682

GRANULOMETRIC DESCRIPTION:

COARSE SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

PREPARED BY BL ON 03/16/2006