

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

SAMPLE: WN-25 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.154	1.04	1.04
0.25 (0.841)	0.247	1.67	2.71
0.50 (0.707)	0.316	2.13	4.84
0.75 (0.595)	0.637	4.30	9.14
1.00 (0.500)	1.539	10.39	19.54
1.25 (0.420)	1.368	9.24	28.78
1.50 (0.354)	2.769	18.70	47.48
1.75 (0.297)	1.746	11.79	59.27
2.00 (0.250)	3.061	20.67	79.94
2.25 (0.210)	1.607	10.85	90.79
2.50 (0.177)	0.683	4.61	95.41
2.75 (0.149)	0.386	2.61	98.01
3.00 (0.125)	0.221	1.49	99.51
3.25 (0.105)	0.056	0.38	99.89
3.50 (0.088)	0.005	0.03	99.92
3.75 (0.074)	0.007	0.05	99.97
4.00 (0.063)	0.000	0.00	99.97
4.25 (0.053)	0.004	0.03	99.99
4.50 (0.044)	0.001	0.01	100.00
4.75 (0.037)	0.000	0.00	100.00
5.00 (0.031)	0.000	0.00	100.00
5.25 (0.026)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 14.807 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.521 (0.349)	0.593 (0.663)	-0.072	1.018

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.504 (0.353)	0.589 (0.665)	-0.084	0.670

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
1.535 (0.345)	0.600 (0.660)	-0.191	3.188

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006

*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: WN-25 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.170	1.11	1.11
0.25 (0.841)	0.215	1.40	2.51
0.50 (0.707)	0.245	1.60	4.11
0.75 (0.595)	0.532	3.47	7.59
1.00 (0.500)	1.347	8.80	16.39
1.25 (0.420)	1.179	7.70	24.09
1.50 (0.354)	2.507	16.37	40.46
1.75 (0.297)	1.802	11.77	52.23
2.00 (0.250)	3.516	22.96	75.19
2.25 (0.210)	1.987	12.98	88.17
2.50 (0.177)	0.885	5.78	93.95
2.75 (0.149)	0.528	3.45	97.40
3.00 (0.125)	0.313	2.04	99.44
3.25 (0.105)	0.075	0.49	99.93
3.50 (0.088)	0.003	0.02	99.95
3.75 (0.074)	0.007	0.05	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
5.00 (0.031)	0.000	0.00	100.00
5.25 (0.026)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 15.311 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.620 (0.325)	0.600 (0.660)	-0.170	1.124

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.579 (0.335)	0.590 (0.664)	-0.209	0.705

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
1.619 (0.326)	0.603 (0.658)	-0.344	3.224

GRANULOMETRIC DESCRIPTION:

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

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: WN-25 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.067	0.35	0.35
0.25 (0.841)	0.201	1.06	1.42
0.50 (0.707)	0.307	1.62	3.04
0.75 (0.595)	0.480	2.54	5.58
1.00 (0.500)	1.166	6.17	11.74
1.25 (0.420)	1.079	5.71	17.45
1.50 (0.354)	2.498	13.21	30.66
1.75 (0.297)	2.139	11.31	41.97
2.00 (0.250)	4.623	24.45	66.42
2.25 (0.210)	3.022	15.98	82.40
2.50 (0.177)	1.442	7.63	90.02
2.75 (0.149)	0.948	5.01	95.03
3.00 (0.125)	0.595	3.15	98.18
3.25 (0.105)	0.181	0.96	99.14
3.50 (0.088)	0.058	0.31	99.44
3.75 (0.074)	0.036	0.19	99.64
4.00 (0.063)	0.020	0.11	99.74
4.25 (0.053)	0.025	0.13	99.87
4.50 (0.044)	0.019	0.10	99.97
4.75 (0.037)	0.004	0.02	99.99
5.00 (0.031)	0.001	0.01	100.00
5.25 (0.026)	0.000	0.00	100.00

TOTAL WEIGHT OF SAMPLE IS 18.911 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.774 (0.292)	0.590 (0.664)	-0.133	1.136

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.745 (0.298)	0.558 (0.679)	-0.157	0.841

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
1.770 (0.293)	0.618 (0.652)	-0.099	3.916

GRANULOMETRIC DESCRIPTION:

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

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*** GRAIN-SIZE ANALYSES REPORT ***
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SAMPLE: WN-25 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
0.00 (1.000)	0.065	0.29	0.29
0.25 (0.841)	0.153	0.68	0.97
0.50 (0.707)	0.204	0.91	1.87
0.75 (0.595)	0.406	1.80	3.68
1.00 (0.500)	1.046	4.65	8.32
1.25 (0.420)	0.929	4.13	12.45
1.50 (0.354)	2.392	10.62	23.07
1.75 (0.297)	2.274	10.10	33.17
2.00 (0.250)	5.664	25.16	58.33
2.25 (0.210)	4.217	18.73	77.06
2.50 (0.177)	2.141	9.51	86.57
2.75 (0.149)	1.530	6.80	93.36
3.00 (0.125)	1.058	4.70	98.06
3.25 (0.105)	0.329	1.46	99.52
3.50 (0.088)	0.058	0.26	99.78
3.75 (0.074)	0.023	0.10	99.88
4.00 (0.063)	0.003	0.01	99.89
4.25 (0.053)	0.014	0.06	99.96
4.50 (0.044)	0.004	0.02	99.97
4.75 (0.037)	0.002	0.01	99.98
5.00 (0.031)	0.002	0.01	99.99
5.25 (0.026)	0.002	0.01	100.00

TOTAL WEIGHT OF SAMPLE IS 22.516 (g)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.894 (0.269)	0.580 (0.669)	-0.075	1.224

GRANULOMETRIC DESCRIPTION:

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

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.883 (0.271)	0.549 (0.683)	-0.062	0.834

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
1.885 (0.271)	0.586 (0.666)	-0.311	3.818

GRANULOMETRIC DESCRIPTION:

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

PREPARED BY BL ON 01/23/2006