

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

SAMPLE: W-77 0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.75 (1.682)	0.544	2.25	2.25
-0.50 (1.414)	0.815	3.37	5.61
-0.25 (1.189)	1.129	4.66	10.28
0.00 (1.000)	1.393	5.75	16.03
0.25 (0.841)	1.648	6.81	22.83
0.50 (0.707)	1.294	5.34	28.18
0.75 (0.595)	1.477	6.10	34.28
1.00 (0.500)	2.245	9.27	43.55
1.25 (0.420)	1.741	7.19	50.74
1.50 (0.354)	3.225	13.32	64.06
1.75 (0.297)	2.292	9.47	73.52
2.00 (0.250)	3.493	14.43	87.95
2.25 (0.210)	1.738	7.18	95.13
2.50 (0.177)	0.524	2.16	97.29
2.75 (0.149)	0.388	1.60	98.89
3.00 (0.125)	0.158	0.65	99.55
3.25 (0.105)	0.091	0.38	99.92
3.50 (0.088)	0.018	0.07	100.00
3.75 (0.074)	0.001	0.00	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

TOTAL WEIGHT OF SAMPLE IS 24.214 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.052 (0.482)	0.906 (0.534)	-0.268	0.803

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
0.965 (0.512)	0.966 (0.512)	-0.268	0.444

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
1.050 (0.483)	0.892 (0.539)	-0.329	2.284

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

PREPARED BY BL ON 03/31/2006

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

SAMPLE: W-77 1.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.611	2.30	2.30
-0.25 (1.189)	0.542	2.04	4.35
0.00 (1.000)	0.857	3.23	7.58
0.25 (0.841)	1.220	4.60	12.18
0.50 (0.707)	0.892	3.36	15.54
0.75 (0.595)	1.169	4.41	19.94
1.00 (0.500)	1.732	6.53	26.47
1.25 (0.420)	1.435	5.41	31.88
1.50 (0.354)	3.346	12.61	44.49
1.75 (0.297)	2.568	9.68	54.17
2.00 (0.250)	5.697	21.47	75.65
2.25 (0.210)	3.283	12.38	88.02
2.50 (0.177)	1.223	4.61	92.63
2.75 (0.149)	1.040	3.92	96.55
3.00 (0.125)	0.481	1.81	98.37
3.25 (0.105)	0.315	1.19	99.56
3.50 (0.088)	0.065	0.25	99.80
3.75 (0.074)	0.025	0.09	99.89
4.00 (0.063)	0.000	0.00	99.89
4.25 (0.053)	0.011	0.04	99.94
4.50 (0.044)	0.000	0.00	99.94
4.75 (0.037)	0.017	0.06	100.00

TOTAL WEIGHT OF SAMPLE IS 26.529 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.446 (0.367)	0.842 (0.558)	-0.326	1.114

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; LEPTOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.347 (0.393)	0.821 (0.566)	-0.359	0.735

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
1.452 (0.365)	0.842 (0.558)	-0.551	3.019

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

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SAMPLE: W-77 3.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.552	2.17	2.17
-0.25 (1.189)	0.775	3.04	5.21
0.00 (1.000)	1.292	5.07	10.29
0.25 (0.841)	1.806	7.09	17.38
0.50 (0.707)	1.533	6.02	23.40
0.75 (0.595)	1.561	6.13	29.53
1.00 (0.500)	2.018	7.93	37.46
1.25 (0.420)	1.306	5.13	42.59
1.50 (0.354)	2.401	9.43	52.02
1.75 (0.297)	1.883	7.40	59.41
2.00 (0.250)	3.621	14.22	73.64
2.25 (0.210)	2.958	11.62	85.26
2.50 (0.177)	1.325	5.20	90.46
2.75 (0.149)	1.329	5.22	95.68
3.00 (0.125)	0.598	2.35	98.03
3.25 (0.105)	0.353	1.39	99.41
3.50 (0.088)	0.070	0.27	99.69
3.75 (0.074)	0.024	0.09	99.78
4.00 (0.063)	0.012	0.05	99.83
4.25 (0.053)	0.010	0.04	99.87
4.50 (0.044)	0.010	0.04	99.91
4.75 (0.037)	0.023	0.09	100.00

TOTAL WEIGHT OF SAMPLE IS 25.46 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.290 (0.409)	0.958 (0.515)	-0.190	0.836

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.212 (0.432)	1.011 (0.496)	-0.232	0.476

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.322 (0.400)	0.943 (0.520)	-0.164	2.302

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; MODERATELY SORTED; STRONGLY COARSE SKEWED; PLATYKURITIC

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SAMPLE: W-77 4.5'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.25 (1.189)	1.064	4.64	4.64
0.00 (1.000)	0.978	4.27	8.91
0.25 (0.841)	1.960	8.55	17.46
0.50 (0.707)	1.891	8.25	25.71
0.75 (0.595)	2.304	10.05	35.77
1.00 (0.500)	2.778	12.12	47.89
1.25 (0.420)	1.426	6.22	54.11
1.50 (0.354)	1.763	7.69	61.80
1.75 (0.297)	0.953	4.16	65.96
2.00 (0.250)	1.620	7.07	73.03
2.25 (0.210)	1.255	5.48	78.50
2.50 (0.177)	0.727	3.17	81.67
2.75 (0.149)	0.992	4.33	86.00
3.00 (0.125)	0.782	3.41	89.41
3.25 (0.105)	0.723	3.15	92.57
3.50 (0.088)	0.429	1.87	94.44
3.75 (0.074)	0.255	1.11	95.55
4.00 (0.063)	0.228	0.99	96.55
4.25 (0.053)	0.230	1.00	97.55
4.50 (0.044)	0.204	0.89	98.44
4.75 (0.037)	0.246	1.07	99.52
5.00 (0.031)	0.111	0.48	100.00

TOTAL WEIGHT OF SAMPLE IS 22.919 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.309 (0.404)	1.191 (0.438)	0.297	0.980

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.421 (0.374)	1.214 (0.431)	0.277	0.588

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.361 (0.389)	1.179 (0.442)	0.760	3.035

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; FINE SKEWED; MESOKURITIC

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SAMPLE: W-77 6.0'

PHI (MM)	WEIGHT (G)	WEIGHT %	CUMULATIVE WEIGHT %
-0.50 (1.414)	0.498	1.82	1.82
-0.25 (1.189)	0.652	2.38	4.20
0.00 (1.000)	1.136	4.15	8.34
0.25 (0.841)	2.041	7.45	15.79
0.50 (0.707)	2.011	7.34	23.13
0.75 (0.595)	2.266	8.27	31.40
1.00 (0.500)	2.841	10.37	41.77
1.25 (0.420)	1.443	5.27	47.04
1.50 (0.354)	2.171	7.92	54.96
1.75 (0.297)	1.342	4.90	59.86
2.00 (0.250)	2.392	8.73	68.59
2.25 (0.210)	1.831	6.68	75.27
2.50 (0.177)	1.014	3.70	78.97
2.75 (0.149)	1.422	5.19	84.16
3.00 (0.125)	0.964	3.52	87.68
3.25 (0.105)	1.013	3.70	91.38
3.50 (0.088)	0.533	1.95	93.32
3.75 (0.074)	0.346	1.26	94.59
4.00 (0.063)	0.270	0.99	95.57
4.25 (0.053)	0.234	0.85	96.43
4.50 (0.044)	0.174	0.64	97.06
4.75 (0.037)	0.805	2.94	100.00

TOTAL WEIGHT OF SAMPLE IS 27.399 (G)

FOLK & WARD (1957) METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.448 (0.367)	1.236 (0.425)	0.182	0.988

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; STRONGLY COARSE SKEWED; MESOKURITIC

INMAN METHOD

MEAN PHI (MM)	SORTING PHI(MM)	SKEWNESS	KURTOSIS
1.500 (0.354)	1.243 (0.423)	0.126	0.632

GRANULOMETRIC DESCRIPTION:

MEDIUM 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
1.497 (0.354)	1.224 (0.428)	0.588	2.839

GRANULOMETRIC DESCRIPTION:

MEDIUM SAND; POORLY SORTED; FINE SKEWED; MESOKURITIC

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