

Onshore Grab Sample

Sample: WL-01-BB
Sample Taken By: D. Phelps
Sample Collected On: 2/16/11
Splits? N/A

County: Walton
Latitude: 30° 22' 39.9" N
Longitude: 86° 23' 3" W
Datum: WGS 84
Surf. Elev: N/A
Datum: N/A

Fine Data Summary

Total Sample Weight	42.833 grams
Total Fines in Sample	0.015 grams
Total Percent Fines	0.04 %

Dry Sieving Summary

Total Sample Weight	42.883 grams
Total Digested Weight	42.827 grams
Total Carbonate Weight	0.056 grams
Total Silica %	99.87 %
Total Carbonate %	0.13 %
Carbonate/Silica Ratio	0.001

General Comments:

Not Enough Carbonate Material to do Post-Digestion Analysis

Description

Worked By: M. Ladle

Pre-Digestion Grain Size Distribution

Onshore Grab Sample

Sample: WL-01-BB

Total Sample Mass: 42.883 grams

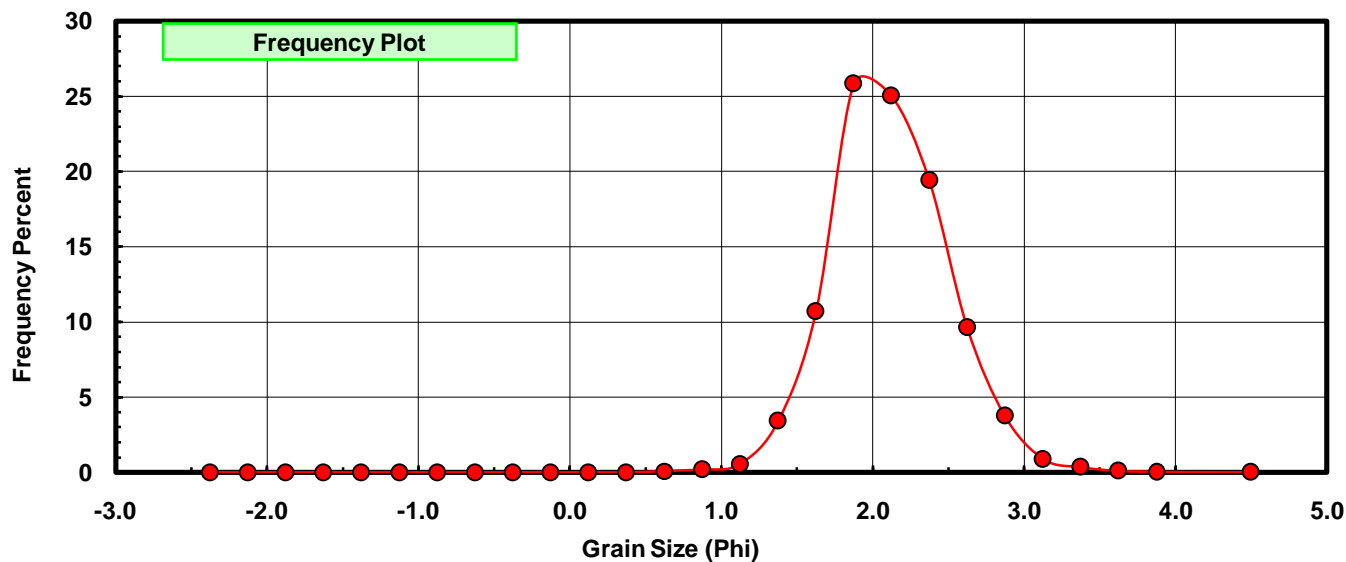
Sieve Size (phi)	Sieve Midpt (phi)	Weight (grams)	Freq Weight %	Cumulative Weight %
-2.25	-2.375	0.000	0.000	0.000
-2.00	-2.125	0.000	0.000	0.000
-1.75	-1.875	0.000	0.000	0.000
-1.50	-1.625	0.000	0.000	0.000
-1.25	-1.375	0.000	0.000	0.000
-1.00	-1.125	0.000	0.000	0.000
-0.75	-0.875	0.000	0.000	0.000
-0.50	-0.625	0.000	0.000	0.000
-0.25	-0.375	0.000	0.000	0.000
0.00	-0.125	0.000	0.000	0.000
0.25	0.125	0.000	0.000	0.000
0.50	0.375	0.000	0.000	0.000
0.75	0.625	0.037	0.086	0.086
1.00	0.875	0.084	0.196	0.282
1.25	1.125	0.236	0.550	0.832
1.50	1.375	1.462	3.409	4.242
1.75	1.625	4.586	10.694	14.936
2.00	1.875	11.084	25.847	40.783
2.25	2.125	10.735	25.033	65.816
2.50	2.375	8.327	19.418	85.234
2.75	2.625	4.136	9.645	94.879
3.00	2.875	1.607	3.747	98.626
3.25	3.125	0.376	0.877	99.503
3.50	3.375	0.151	0.352	99.855
3.75	3.625	0.046	0.107	99.963
4.00	3.875	0.011	0.026	99.988
5.00	4.50	0.005	0.012	100.000

Statistical Results			
Mean:	2.1125	phi	(0.2313 mm)
Standard Dev:	0.3891	phi-units	(0.7636 mm)
Skewness:	0.2543	dimensionless	
Kurtosis:	3.6307	dimensionless	
5th Moment:	3.2292	dimensionless	
6th Moment:	30.5252	dimensionless	
RARD *	0.1842	dimensionless	
Median	1.9670	phi	(0.2558 mm)

* RARD = reciprocal absolute relative dispersion (see below)

Statistical Explanation	
Calculations based on the Method of Moments	
Skewness: 3rd Stand. Moment; Exact Gaussian = 0.0	
Kurtosis: 4th Stand. Moment; Exact Gaussian = 3.0	
For Further Explanation, See Basille et al. 2002	
Millimeter data calculated by $mm = 2^{-(\phi)}$	

Reciprocal Absolute Relative Dispersion (RARD) Scale	
< 0.5	Excellent homogeneity (e.g., beaches)
0.5 to 1.0	Good homogeneity
1.0 to 1.33	Fair homogeneity
> 1.33	Poor homogeneity (e.g., glacial)



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