

**Onshore Grab Sample**

**Sample:** WL-07-BB  
**Sample Taken By:** D. Phelps  
**Sample Collected On:** 2/16/11  
**Splits?** N/A

**County:** Walton  
**Latitude:** 30° 21' 40" N  
**Longitude:** 86° 17' 17.6" W  
**Datum:** WGS 84  
**Surf. Elev:** N/A  
**Datum:** N/A

**Fine Data Summary**

Total Sample Weight 63.339 grams  
Total Fines in Sample 0.007 grams  
Total Percent Fines 0.01 %

**Dry Sieving Summary**

Total Sample Weight 63.086 grams  
Total Digested Weight 63.089 grams  
Total Carbonate Weight -0.003 grams  
Total Silica % 100.00 %  
Total Carbonate % 0.00 %  
Carbonate/Silica Ratio 0.000

**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-07-BB

Total Sample Mass: 63.086 grams

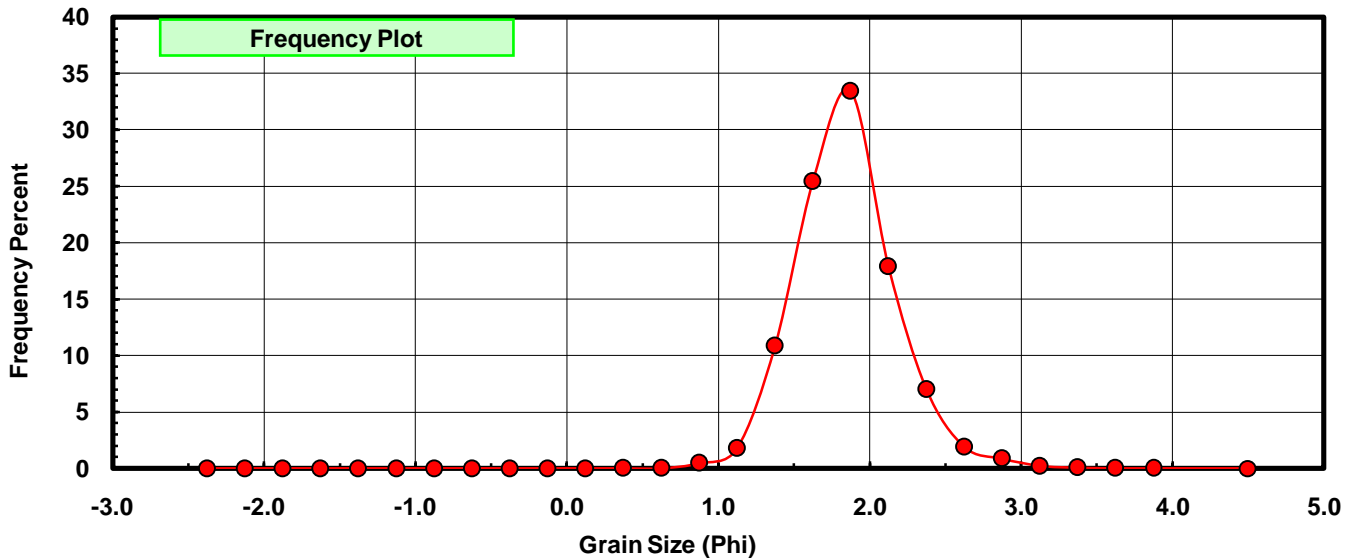
Sieve Size (phi)	Sieve Midpt (phi)	Weight (grams)	Freq Weight %	Cumulative Weight %
-2.25	-2.375	0.000	0.000	0.000
-2.00	-2.125	0.000	0.000	0.000
-1.75	-1.875	0.000	0.000	0.000
-1.50	-1.625	0.000	0.000	0.000
-1.25	-1.375	0.000	0.000	0.000
-1.00	-1.125	0.000	0.000	0.000
-0.75	-0.875	0.000	0.000	0.000
-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	0.008	0.013	0.013
0.75	0.625	0.017	0.027	0.040
1.00	0.875	0.294	0.466	0.506
1.25	1.125	1.116	1.769	2.275
1.50	1.375	6.871	10.891	13.166
1.75	1.625	16.070	25.473	38.639
2.00	1.875	21.091	33.432	72.071
2.25	2.125	11.276	17.874	89.945
2.50	2.375	4.425	7.014	96.960
2.75	2.625	1.201	1.904	98.863
3.00	2.875	0.543	0.861	99.724
3.25	3.125	0.128	0.203	99.927
3.50	3.375	0.038	0.060	99.987
3.75	3.625	0.003	0.005	99.992
4.00	3.875	0.004	0.006	99.998
5.00	4.50	0.001	0.002	100.000

Statistical Results			
Mean:	1.8447	phi	(0.2784 mm)
Standard Dev:	0.3352	phi-units	(0.7926 mm)
Skewness:	0.3948	dimensionless	
Kurtosis:	4.0586	dimensionless	
5th Moment:	5.8254	dimensionless	
6th Moment:	38.7318	dimensionless	
RARD *	0.1817	dimensionless	
Median	1.7100	phi	(0.3057 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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