

Onshore Grab Sample

Sample: GF-13-BB
Sample Taken By: D. Phelps
Sample Collected On: 11/19/10
Splits? N/A

County: Gulf
Latitude: 29° 46' 33.6" N
Longitude: 85° 24' 27.7" W
Datum: WGS 84
Surf. Elev: N/A
Datum: N/A

Fine Data Summary

Total Sample Weight	56.023 grams
Total Fines in Sample	0.015 grams
Total Percent Fines	0.03 %

Dry Sieving Summary

Total Sample Weight	55.819 grams
Total Digested Weight	55.284 grams
Total Carbonate Weight	0.535 grams
Total Silica %	99.04 %
Total Carbonate %	0.96 %
Carbonate/Silica Ratio	0.010

General Comments:

Not Enough Carbonate Material to do Post-Digestion Analysis

Description

Worked By: M. Ladle

Pre-Digestion Grain Size Distribution

Onshore Grab Sample

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Total Sample Mass: 55.819 grams

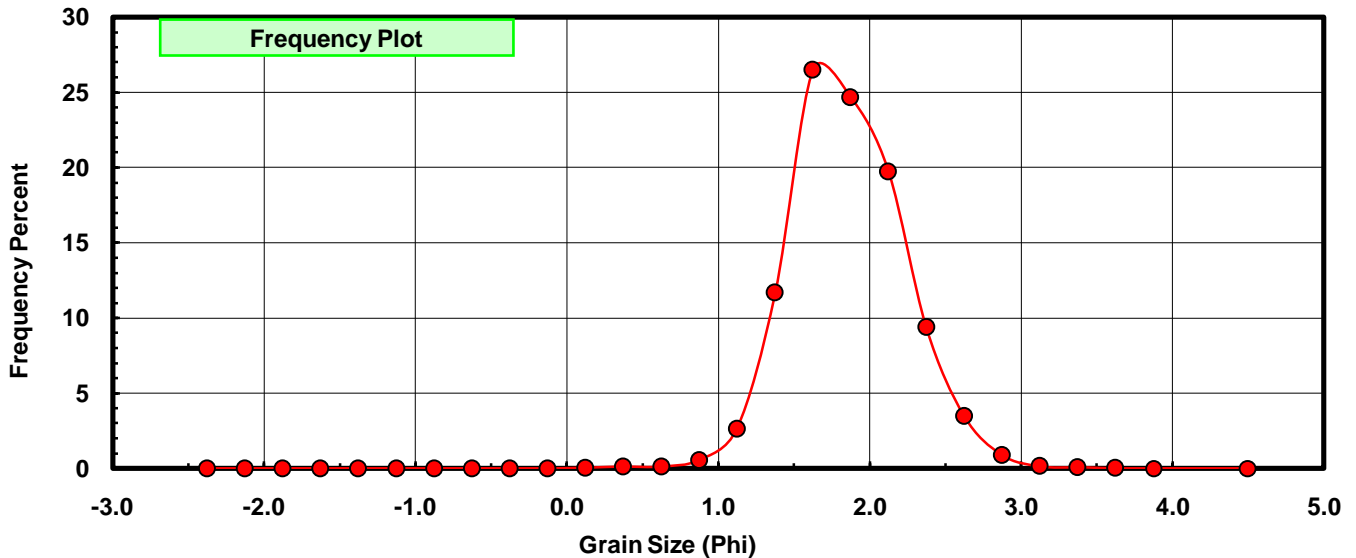
Sieve Size (phi)	Sieve Midpt (phi)	Weight (grams)	Freq Weight %	Cumulative Weight %
-2.25	-2.375	0.000	0.000	0.000
-2.00	-2.125	0.000	0.000	0.000
-1.75	-1.875	0.000	0.000	0.000
-1.50	-1.625	0.000	0.000	0.000
-1.25	-1.375	0.000	0.000	0.000
-1.00	-1.125	0.000	0.000	0.000
-0.75	-0.875	0.000	0.000	0.000
-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	0.021	0.038	0.038
0.50	0.375	0.067	0.120	0.158
0.75	0.625	0.071	0.127	0.285
1.00	0.875	0.307	0.550	0.835
1.25	1.125	1.467	2.628	3.463
1.50	1.375	6.516	11.673	15.136
1.75	1.625	14.788	26.493	41.629
2.00	1.875	13.767	24.664	66.293
2.25	2.125	11.020	19.742	86.035
2.50	2.375	5.228	9.366	95.401
2.75	2.625	1.937	3.470	98.871
3.00	2.875	0.494	0.885	99.756
3.25	3.125	0.083	0.149	99.905
3.50	3.375	0.040	0.072	99.977
3.75	3.625	0.011	0.020	99.996
4.00	3.875	0.001	0.002	99.998
5.00	4.50	0.001	0.002	100.000

Statistical Results			
Mean:	1.8556	phi	(0.2763 mm)
Standard Dev:	0.3780	phi-units	(0.7695 mm)
Skewness:	0.1781	dimensionless	
Kurtosis:	3.5885	dimensionless	
5th Moment:	1.1051	dimensionless	
6th Moment:	29.6594	dimensionless	
RARD *	0.2037	dimensionless	
Median	1.7098	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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