

Onshore Grab Sample

Sample: GF-06-BB
Sample Taken By: D. Phelps
Sample Collected On: 11/19/10
Splits? N/A

County: Gulf
Latitude: 29° 52' 18.4" N
Longitude: 85° 24' 8.7" W
Datum: WGS 84
Surf. Elev: N/A
Datum: N/A

Fine Data Summary

Total Sample Weight	49.892 grams
Total Fines in Sample	0.052 grams
Total Percent Fines	0.10 %

Dry Sieving Summary

Total Sample Weight	49.914 grams
Total Digested Weight	49.797 grams
Total Carbonate Weight	0.117 grams
Total Silica %	99.77 %
Total Carbonate %	0.23 %
Carbonate/Silica Ratio	0.002

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: 49.914 grams

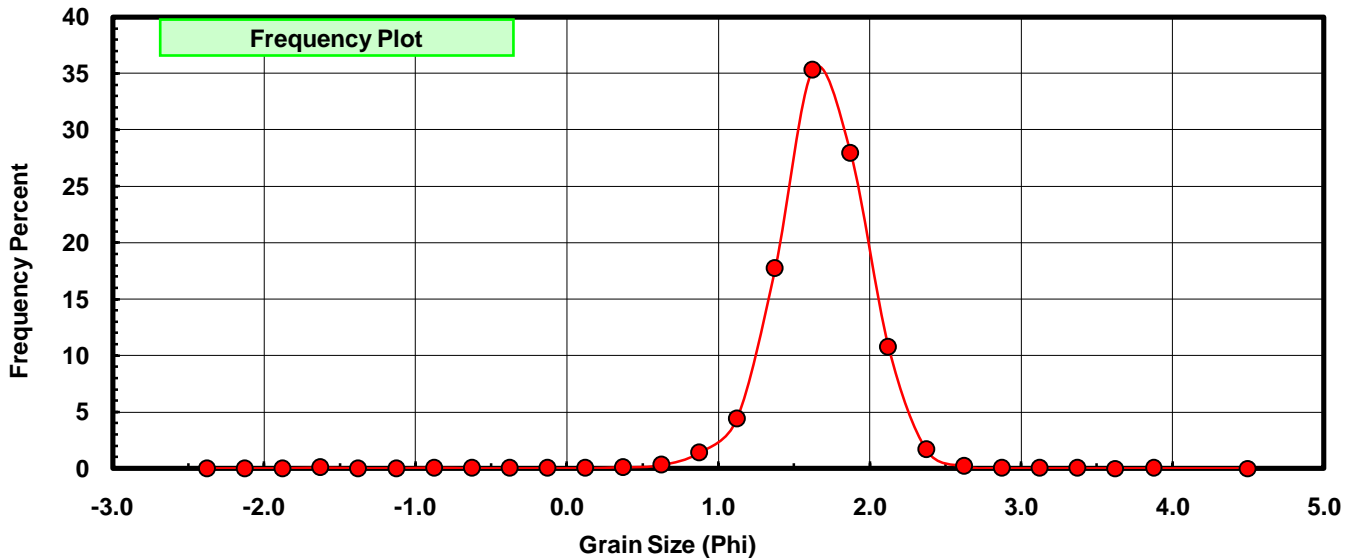
Sieve Size (phi)	Sieve Midpt (phi)	Weight (grams)	Freq Weight %	Cumulative Weight %
-2.25	-2.375	0.000	0.000	0.000
-2.00	-2.125	0.000	0.000	0.000
-1.75	-1.875	0.000	0.000	0.000
-1.50	-1.625	0.036	0.072	0.072
-1.25	-1.375	0.000	0.000	0.072
-1.00	-1.125	0.000	0.000	0.072
-0.75	-0.875	0.017	0.034	0.106
-0.50	-0.625	0.011	0.022	0.128
-0.25	-0.375	0.012	0.024	0.152
0.00	-0.125	0.004	0.008	0.160
0.25	0.125	0.009	0.018	0.178
0.50	0.375	0.054	0.108	0.286
0.75	0.625	0.148	0.297	0.583
1.00	0.875	0.687	1.376	1.959
1.25	1.125	2.189	4.386	6.345
1.50	1.375	8.850	17.730	24.075
1.75	1.625	17.637	35.335	59.410
2.00	1.875	13.938	27.924	87.334
2.25	2.125	5.375	10.769	98.103
2.50	2.375	0.824	1.651	99.754
2.75	2.625	0.087	0.174	99.928
3.00	2.875	0.011	0.022	99.950
3.25	3.125	0.014	0.028	99.978
3.50	3.375	0.006	0.012	99.990
3.75	3.625	0.001	0.002	99.992
4.00	3.875	0.003	0.006	99.998
5.00	4.50	0.001	0.002	100.000

Statistical Results			
Mean:	1.6784	phi	(0.3124 mm)
Standard Dev:	0.3216	phi-units	(0.8002 mm)
Skewness:	-1.2644	dimensionless	
Kurtosis:	13.9734	dimensionless	
5th Moment:	-102.3079	dimensionless	
6th Moment:	1042.5160	dimensionless	
RARD *	0.1916	dimensionless	
Median	1.5584	phi	(0.3395 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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