

Onshore Grab Sample

Sample: FK-62
Sample Taken By: D. Phelps
Sample Collected On: 12/8/10
Splits? N/A

County: Franklin
Latitude: 29° 54' 17.2" N
Longitude: 84° 20' 25.6" W
Datum: WGS 84
Surf. Elev: N/A
Datum: N/A

Fine Data Summary

Total Sample Weight	52.814 grams
Total Fines in Sample	0.140 grams
Total Percent Fines	0.26 %

Dry Sieving Summary

Total Sample Weight	52.553 grams
Total Digested Weight	52.395 grams
Total Carbonate Weight	0.158 grams
Total Silica %	99.70 %
Total Carbonate %	0.30 %
Carbonate/Silica Ratio	0.003

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: 52.553 grams

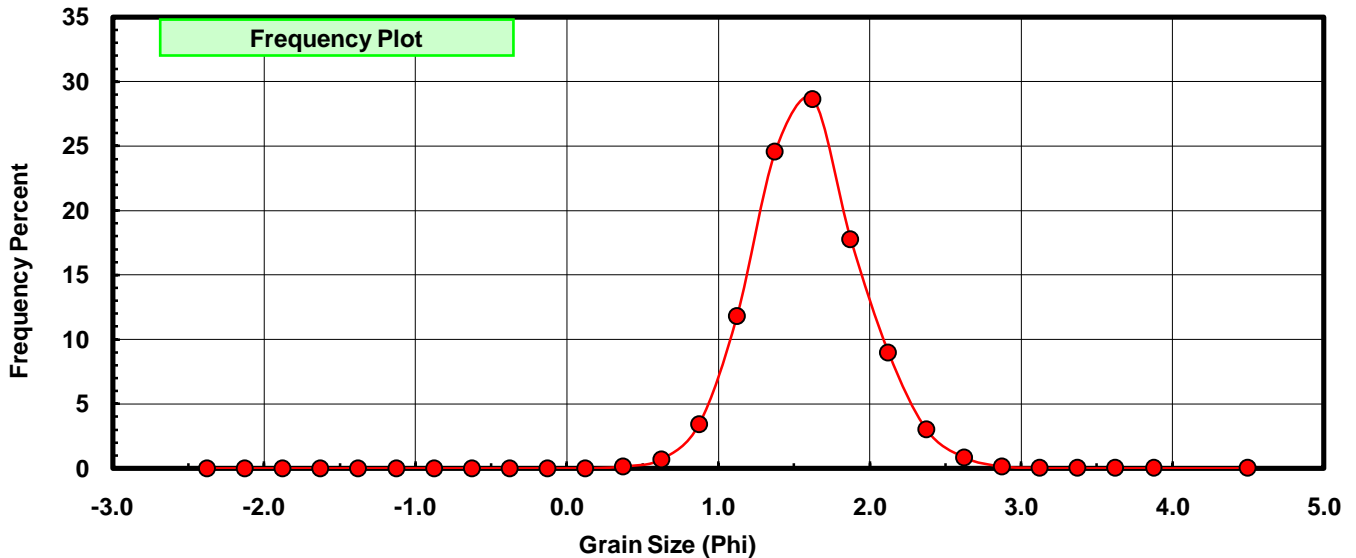
Sieve Size (phi)	Sieve Midpt (phi)	Weight (grams)	Freq Weight %	Cumulative Weight %
-2.25	-2.375	0.000	0.000	0.000
-2.00	-2.125	0.000	0.000	0.000
-1.75	-1.875	0.000	0.000	0.000
-1.50	-1.625	0.000	0.000	0.000
-1.25	-1.375	0.000	0.000	0.000
-1.00	-1.125	0.000	0.000	0.000
-0.75	-0.875	0.000	0.000	0.000
-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	0.069	0.131	0.131
0.75	0.625	0.362	0.689	0.820
1.00	0.875	1.800	3.425	4.245
1.25	1.125	6.190	11.779	16.024
1.50	1.375	12.903	24.552	40.576
1.75	1.625	15.047	28.632	69.208
2.00	1.875	9.336	17.765	86.973
2.25	2.125	4.711	8.964	95.937
2.50	2.375	1.587	3.020	98.957
2.75	2.625	0.442	0.841	99.798
3.00	2.875	0.069	0.131	99.930
3.25	3.125	0.014	0.027	99.956
3.50	3.375	0.006	0.011	99.968
3.75	3.625	0.005	0.010	99.977
4.00	3.875	0.004	0.008	99.985
5.00	4.50	0.008	0.015	100.000

Statistical Results			
Mean:	1.5938	phi	(0.3313 mm)
Standard Dev:	0.3723	phi-units	(0.7726 mm)
Skewness:	0.2910	dimensionless	
Kurtosis:	3.9298	dimensionless	
5th Moment:	7.4522	dimensionless	
6th Moment:	60.1407	dimensionless	
RARD *	0.2336	dimensionless	
Median	1.4573	phi	(0.3642 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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