

Onshore Grab Sample

Sample: FK-36-BB
Sample Taken By: D. Phelps
Sample Collected On: 10/11/10
Splits? N/A

County: Franklin
Latitude: 29° 42' 45" N
Longitude: 84° 45' 4.6" W
Datum: WGS 84
Surf. Elev: N/A
Datum: N/A

Fine Data Summary

Total Sample Weight	57.972 grams
Total Fines in Sample	0.017 grams
Total Percent Fines	0.03 %

Dry Sieving Summary

Total Sample Weight	57.819 grams
Total Digested Weight	57.170 grams
Total Carbonate Weight	0.649 grams
Total Silica %	98.88 %
Total Carbonate %	1.12 %
Carbonate/Silica Ratio	0.011

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: 57.819 grams

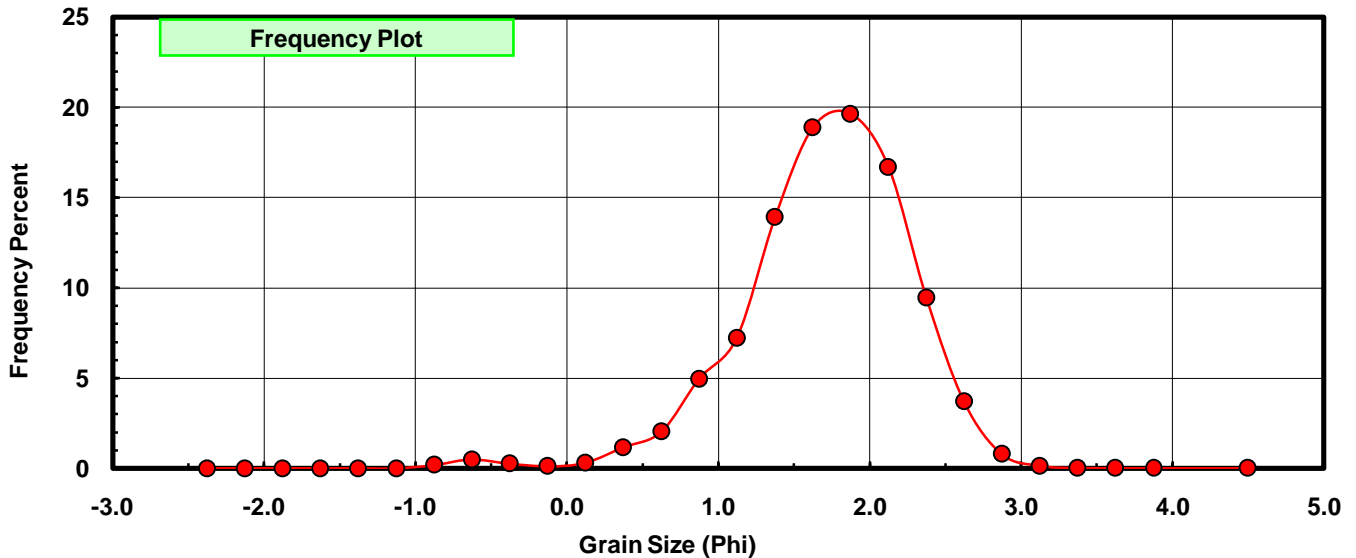
Sieve Size (phi)	Sieve Midpt (phi)	Weight (grams)	Freq Weight %	Cumulative Weight %
-2.25	-2.375	0.000	0.000	0.000
-2.00	-2.125	0.000	0.000	0.000
-1.75	-1.875	0.000	0.000	0.000
-1.50	-1.625	0.000	0.000	0.000
-1.25	-1.375	0.000	0.000	0.000
-1.00	-1.125	0.000	0.000	0.000
-0.75	-0.875	0.104	0.180	0.180
-0.50	-0.625	0.284	0.491	0.671
-0.25	-0.375	0.153	0.265	0.936
0.00	-0.125	0.070	0.121	1.057
0.25	0.125	0.177	0.306	1.363
0.50	0.375	0.669	1.157	2.520
0.75	0.625	1.171	2.025	4.545
1.00	0.875	2.865	4.955	9.500
1.25	1.125	4.179	7.228	16.728
1.50	1.375	8.053	13.928	30.656
1.75	1.625	10.925	18.895	49.551
2.00	1.875	11.354	19.637	69.188
2.25	2.125	9.656	16.700	85.889
2.50	2.375	5.466	9.454	95.342
2.75	2.625	2.139	3.699	99.042
3.00	2.875	0.452	0.782	99.824
3.25	3.125	0.081	0.140	99.964
3.50	3.375	0.015	0.026	99.990
3.75	3.625	0.003	0.005	99.995
4.00	3.875	0.002	0.003	99.998
5.00	4.50	0.001	0.002	100.000

Statistical Results			
Mean:	1.7077	phi	(0.3062 mm)
Standard Dev:	0.5565	phi-units	(0.68 mm)
Skewness:	-0.8835	dimensionless	
Kurtosis:	5.1056	dimensionless	
5th Moment:	-14.0369	dimensionless	
6th Moment:	62.8563	dimensionless	
RARD *	0.3259	dimensionless	
Median	1.6307	phi	(0.3229 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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