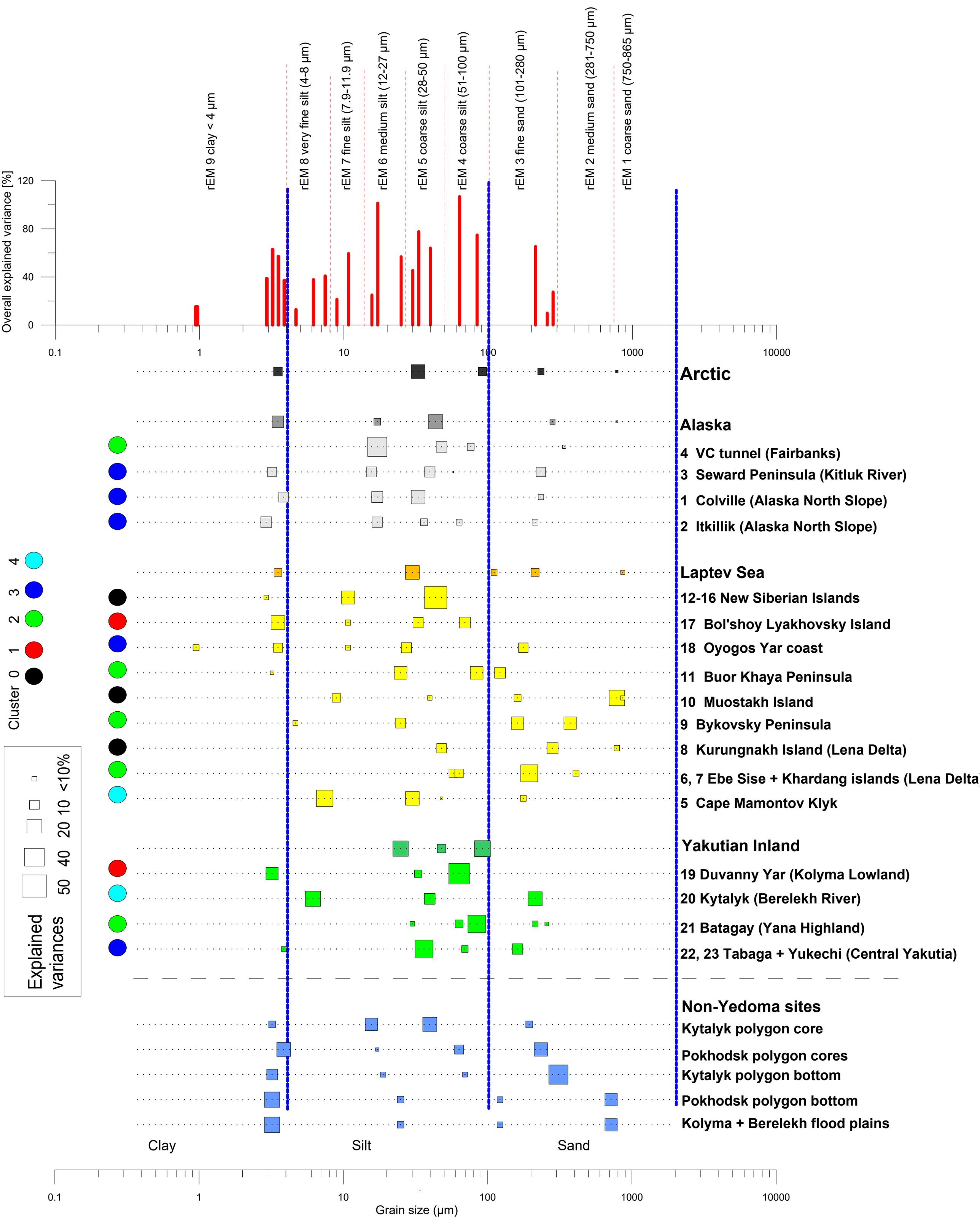
rEM 9 clay < 4 µm
rEM 8 very fine silt (4-8 µm)
rEM 7 fine silt (7.9-11.9 µm)
rEM 6 medium silt (12-27 µm)
rEM 5 coarse silt (28-50 µm)
rEM 4 coarse silt (51-100 µm)
rEM 3 fine sand (101-280 µm)
rEM 2 medium sand (281-750 µm)
rEM 1 coarse sand (750-865 µm)
Overall explained variance [%]
120
80
40
0
0.1
1
10
100
1000
10000
Arctic
Alaska
4 VC tunnel (Fairbanks)
3 Seward Peninsula (Kitluk River)
1 Colville (Alaska North Slope)
2 Itkillik (Alaska North Slope)
Laptev Sea
12-16 New Siberian Islands
17 Bol'shoy Lyakhovsky Island
18 Oyogos Yar coast
11 Buor Khaya Peninsula
10 Muostakh Island
9 Bykovsky Peninsula
8 Kurungnakh Island (Lena Delta)
6, 7 Ebe Sise + Khardang islands (Lena Delta)
5 Cape Mamontov Klyk
Yakutian Inland
19 Duvanny Yar (Kolyma Lowland)
20 Kytalyk (Berelekh River)
21 Batagay (Yana Highland)
22, 23 Tabaga + Yukechi (Central Yakutia)
Non-Yedoma sites
Kytalyk polygon core
Pokhodsk polygon cores
Kytalyk polygon bottom
Pokhodsk polygon bottom
Kolyma + Berelekh flood plains
Cluster 0 1 2 3 4
Explained variances
50 40 20 10 <10%
Clay
Silt
Sand
0.1
1
10
100
1000
10000
Grain size (µm)