



1

2 Supplement Fig. S1: XRF derived Ca/Ti counts of our laminated cores in the Bering Sea (see
 3 Table 1 for details) and core-core correlation. Laminated intervals of the early Holocene and
 4 GI-1 are marked with gray bars. Ash layers are shown with brown bars. In cores SO202-12-3
 5 and SO202-21-1 only the first part of GI-1 seems to be laminated and the end of GI-1 is
 6 indicated by a dashed line.