Brackish-water muds

Climatic warming  
Reduced ice cover

Depositional setting at ~1000 AD
Water depth: 23 m

Depositional setting at present
Water depth: ~30 m

Mud accumulation (~3 m)
Glacio-isostatic uplift (~4 m)

(a)

(b)

Climatic warming  →  Reduced ice cover
Shoaling of the basin  →  Increased source-to-sink ratio
Enhanced wave-induced sediment focusing

Sinking organomineralic aggregates

Deposition
Reworking