

### **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Strontium isotopic results (also found in Supplementary Table 1)

File Name: Supplementary Data 2

Description: Mercury concentration results (also found in Supplementary Table 2)

File Name: Supplementary Data 3

Description: Measured oxygen, carbon, and clumped isotopic results –  $\delta^{18}\text{O}$ ,  $\delta^{13}\text{C}$ , and  $\Delta 47$  (also found in Supplementary Table 3)