



Figure S1. Summary of locations and mineralogy of individual EPMA point analyses in thin section samples MIR-17-21, MIR-17-19, MIR-U-10 and MIR-17-16. (A-D) TL images of samples. (E-H): BSE images of point analysis areas. The chert intraclast in H is traced with a dashed outline. (I) FeO-MgO-CaO ternary diagram. Gray-colored triangles are from two carbonate-bearing rock types in the Stambaugh Formation (Planavsky et al. 2018).