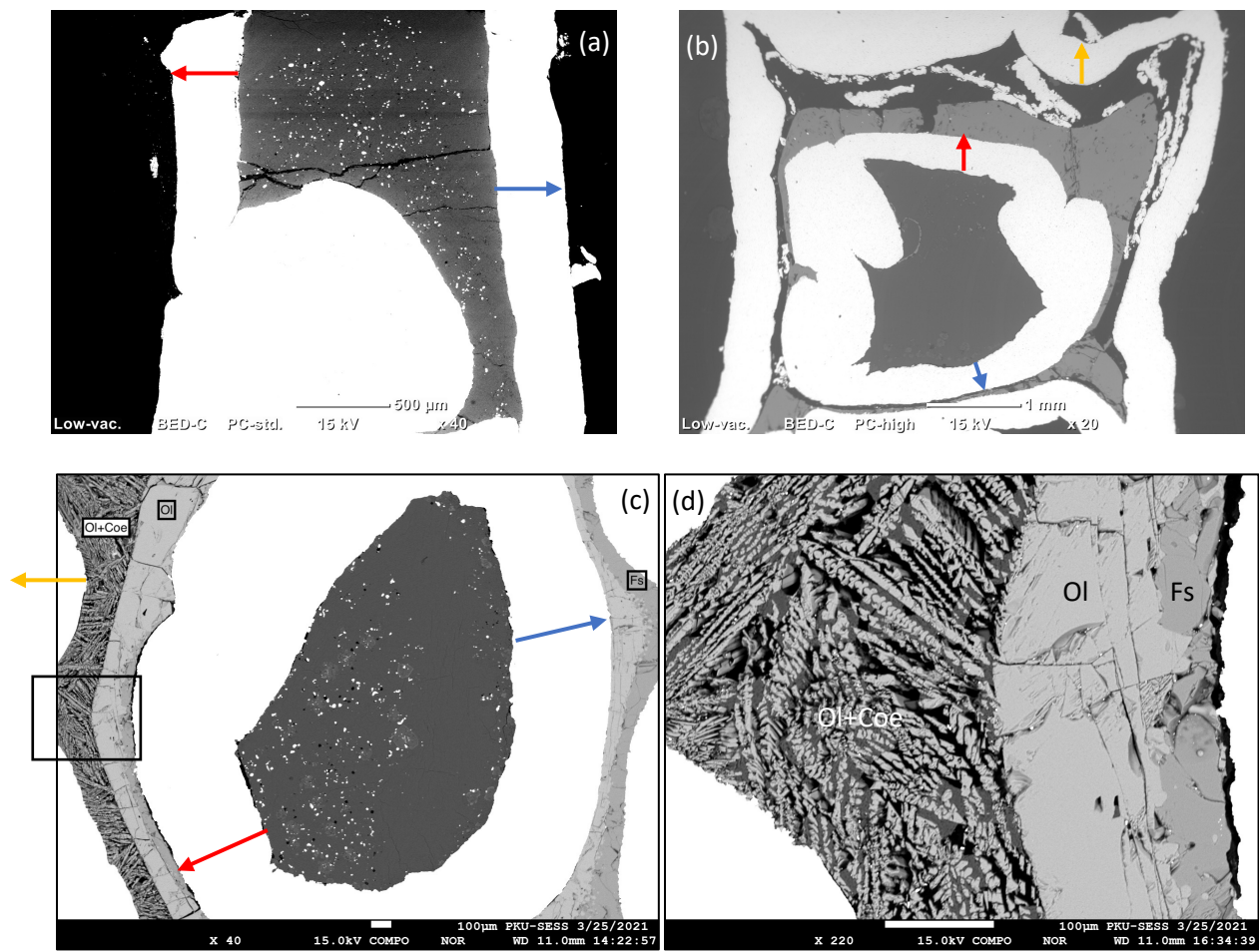


Fig. S1



**Fig. S1** The positions for Fe in Au profiles shown as arrows for exp. LMD670 (a), LMD690 (b) and LMD776 (c). Arrow colors correspond to the color of the profiles in Fig. 3. The black rectangle in (c) outlines the magnified area shown in (d). Mineral abbreviations: Coe, Coesite; Fs, ferrosilite; Ol, olivine.