



Fig. A4 a) Wetherill Concordia diagram of IS2. Red solid circles indicate concordant datasets. Blue open circles indicate discordant dates. b) Examples of cathodoluminescence (CL) images of zircon grains from sample IS2. White circles show measurement spots (25 μm). The $^{206}\text{U}/^{238}\text{Pb}$ date of each spot is indicated. Scale bar is 100 μm . Yellow numbers indicate the Th/U ratio of zircon grains.