



Supplement S1. Tectonostratigraphic map of the Scandinavian Caledonides (modified after Gee et al., 1985). Inset map shows simplified geological map of northern Jämtland and southern Västerbotten (modified after Carter et al., 2023), showing location of studied sample (yellow star), field observation of amphibolite-felsite mingling (white star) and published ages of igneous rocks from Lower Köli Nappes (yellow circles).