



A schematic diagram illustrating the emplacement sequences (A - C), autometasomatism, and hematization (REE-Nb-Be-mineralizing event) of the Baerzhe miaskitic-agpaitic complex, and their impact on multi-stage metasomatic zircon crystallization. Abbreviations: HM = hypersolvus miaskitic granites, namely the fine-grained and porphyritic hypersolvus phases; TM = transsolvus miaskitic granite; TA = transsolvus agpaitic granite; Auto A = autometasomatism in the transsolvus miaskitic granite; Auto B = autometasomatism in the transsolvus agpaitic granite.