

Description of Additional Supplementary Files

Supplementary Data 1: Summary ArArCalc data files

Supplementary Data 2: Full ArArCalc data files.

Supplementary Data 3: Table S1. Summary of $^{40}\text{Ar}/^{39}\text{Ar}$ isotopic dating results

Supplementary Data 4: Table S2. Results of $^{40}\text{Ar}/^{39}\text{Ar}$ incremental heating experiments

Supplementary Data 5: Table S2. Trace element and Sr-Nd-Pb isotope geochemistry