Supplemental Material 1 accompanies Herrmann, M., Alwmark, C., and Storey, M., 2021, $^{40}\text{Ar}/^{39}\text{Ar}$ age evidence for an impact-generated hydrothermal system in the Devonian Siljan crater, Sweden, *in* Reimold, W.U., and Koeberl, C., eds., Large Meteorite Impacts and Planetary Evolution VI: Geological Society of America Special Paper 550, [https://doi.org/10.1130/2021.2550\(26\)](https://doi.org/10.1130/2021.2550(26)).

$^{40}\text{Ar}/^{39}\text{Ar}$ Age Evidence for an Impact-generated Hydrothermal System in the Devonian Siljan Crater, Sweden

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Item S1: Additional information on results – $^{40}\text{Ar}/^{39}\text{Ar}$ age spectra biotite

Item S2: Additional information on results – $^{40}\text{Ar}/^{39}\text{Ar}$ age spectra amphibole

Item S1: Additional information on results – Age spectra biotite

Note, as the software was not set up to calculate the uncertainties for the Cl/K ratios, the thickness of the bars of each step does not reflect the true uncertainties.

Item S2: Additional information on results – Age spectra amphibole

Note, as the software was not set up to calculate the uncertainties for the Cl/K ratios, the thickness of the bars of each step does not reflect the true uncertainties.