

Supporting Information

Silicon isotopic composition of zircon reference materials by ns-LA-MC-ICP-MS

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The description of the content of the Supplementary Information file

Table S1: Long term precision of single spot.

Table S2: Long term precision of line scan.

Table S3: Comparison of *in-situ* and bulk-rock Si isotope ratios for zircon and glass reference materials.

Table S4: Comparison of bulk-rock and NIST 610-calibrated *in-situ* Si isotope values in zircons.

Table S5: Assessment of matrix effect between zircon and silicate glass with water vapor introduction.

Table S6: Evaluation of laser focus position influence on Si isotope.

Table S7: *In-situ* Si isotope data of the different zircon reference materials.

Table S8: Magma differentiation indicators (Zr/Hf and Eu/Eu*).