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Supplemental Material

Figure S1. Concordia plots of detrital zircons from the sandstones in the Tangza Formation.

Table S1. Gravel composition of the Tangza Formation in the western Tibetan Plateau.

Table S2. Detrital model composition of the Tangza Formation.

Table S3. U-Pb ages of analyzed zircons.

Table S4. Detrital Cr-spinel composition.

Table S5. Collected magmatic zircon U-Pb ages from western Tibet (80–83°E).

Table S6. Collected magmatic zircon U-Pb ages from other areas.

Table S7. Collected detrital zircon U-Pb ages from Cretaceous terrestrial strata.

Table S8. Collected detrital zircon U-Pb ages from other terrestrial strata.

Table S9. Collected Cr-Spinel composition.

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Figure S1. Concordia plots of detrital zircons from the sandstones in the Tangza Formation