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Supporting Information for

**Convergence of the Pamir and the South Tian Shan in the late
Cenozoic: insights from provenance analysis in the Wuheshalu
Section at the convergence area**

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Figure S1, S2 and S3

Introduction

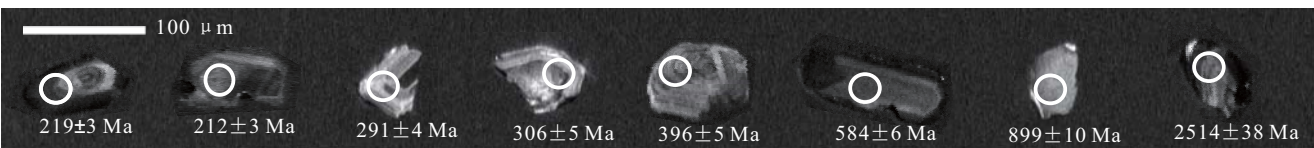
The supporting information includes table that provide detailed information about detrital zircon U-Pb analytical data and figures about representative CL images of zircons, U-Pb concordia diagrams of the analyzed samples and Photographs of the four sites (Gc-1, Gc-2, Gc-3 and Gc-4) for conglomerate clast counting in the Wuheshalu Section

Figure S1. Representative CL images of zircons from the analyzed samples in the Wuheshalu Section. White circles show locations of U-Pb analysis.

Figure S2. U-Pb concordia diagrams for zircon grains (ages < 1000Ma) from the Wuheshalu Section.

Figure S3. Photographs of the four sites (Gc-1, Gc-2, Gc-3 and Gc-4) for conglomerate clast counting in the Wuheshalu Section. Positions are shown in [Figs.1c and 5](#). Gravels in the white 1m×1m area have been counted.

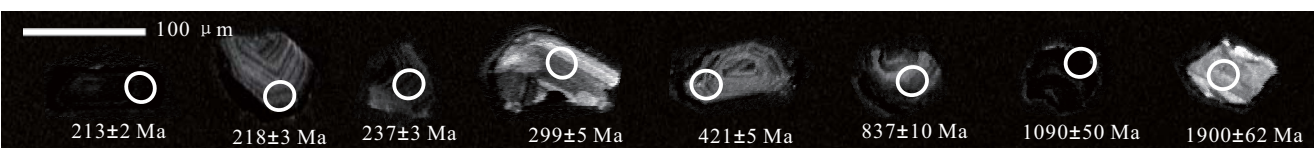
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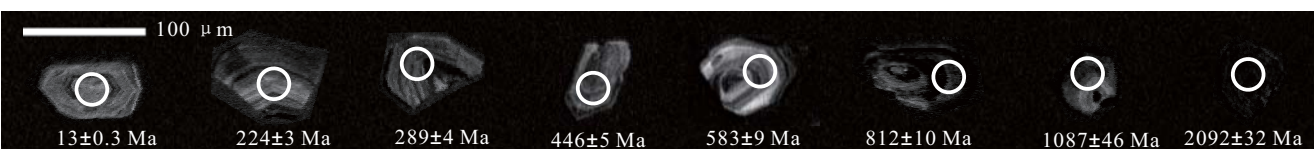
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WHSL-3



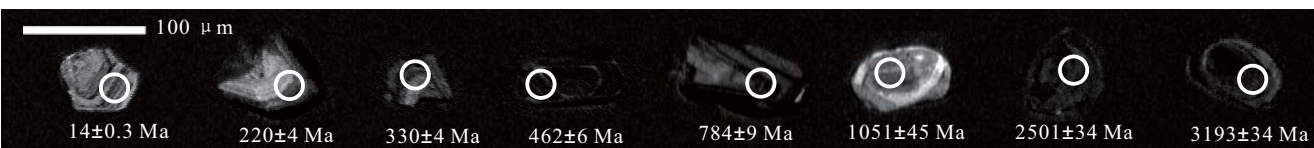
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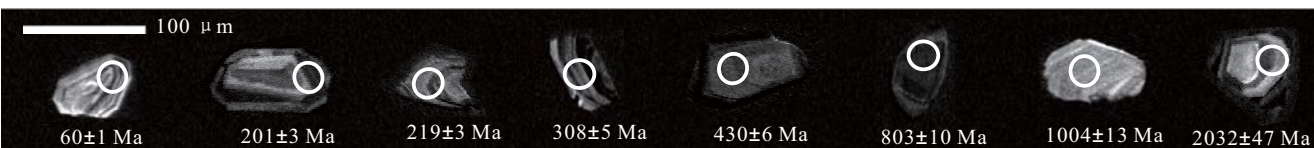
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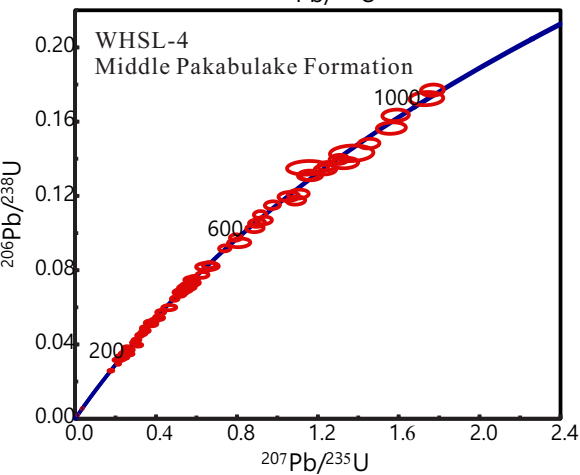
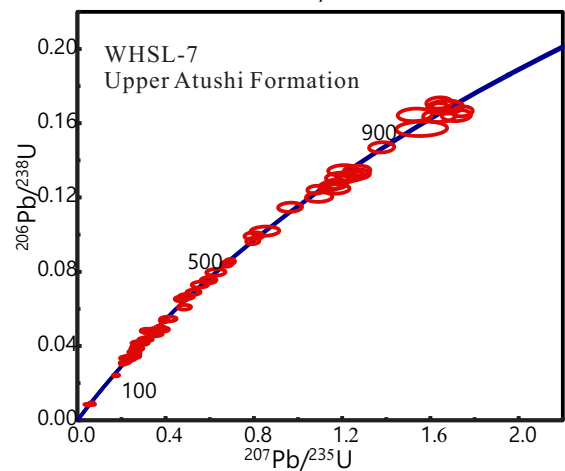
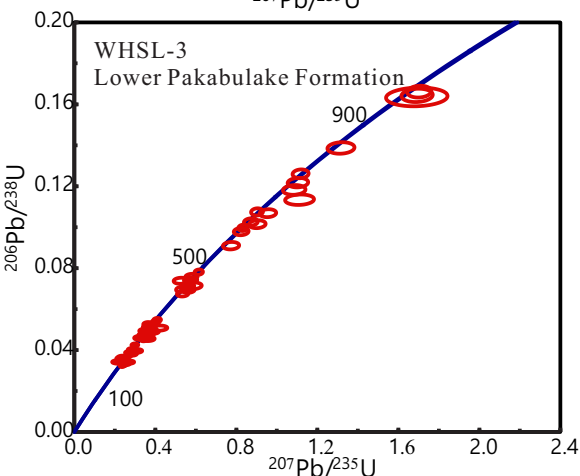
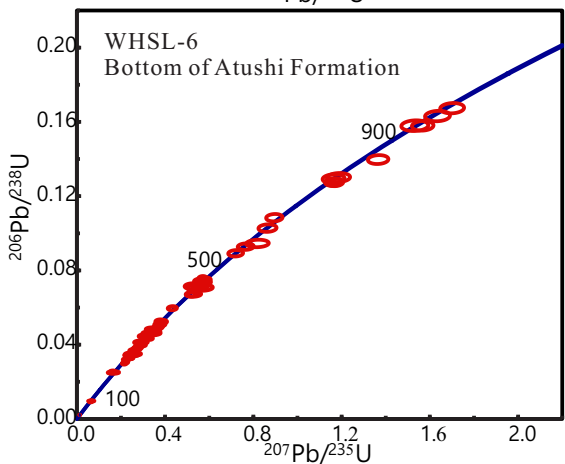
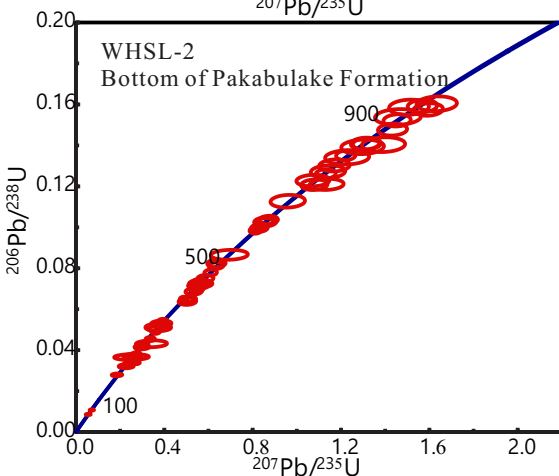
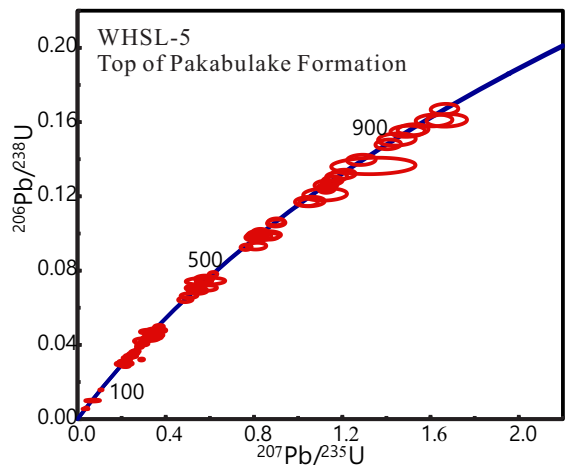
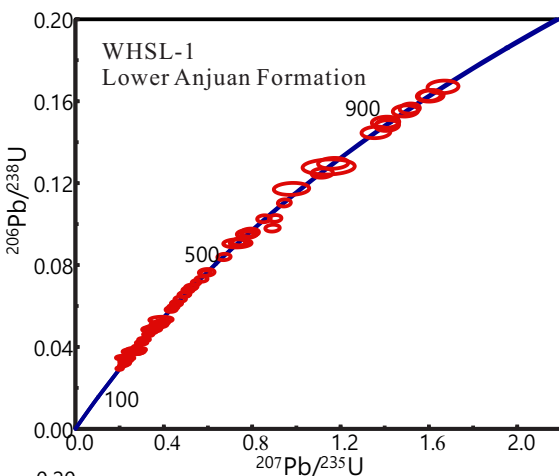


WHSL-6



WHSL-7





Gc-1



Gc-2



Gc-3



Gc-4

