Haijian Lu, Shengping Sang, Ping Wang, Zhiyong Zhang, Jiawei Pan, and Haibing Li, 2021, Initial uplift of the Qilian Shan, northern Tibet since ca. 25 Ma: Implications for regional tectonics and origin of eolian deposition in Asia: GSA Bulletin, <https://doi.org/10.1130/B36242.1>.

Supplemental Material

Supplemental dataset. Detrital zircon U-Pb ages of the sandstone samples from the Lulehe and Hongshangou sections.

Figure S1. SEM images of 129 grains from sandstone sample LLH-1 showing grain roundness characteristics.

Figure S2. SEM images of 140 grains from sandstone sample LLH-2 showing grain roundness characteristics.

Figure S3. SEM images of 123 grains from sandstone sample LLH-3 showing grain roundness characteristics.

Figure S4. SEM images of 122 grains from sandstone sample HSG-7 showing grain roundness characteristics.

Figure S5. SEM images of 123 grains from sandstone sample HSG-8 showing grain roundness characteristics.

Figure S6. SEM images of 123 grains from sandstone sample HSG-9 showing grain roundness characteristics.

Figure S7. SEM images of representative grains from the Lulehe and Hongshangou sections showing surface microtextures.

Figure S1. SEM images of 129 grains from sandstone sample LLH-1 showing grain roundness characteristics. R=roundness, P=percentage.

Figure S2. SEM images of 140 grains from sandstone sample LLH-2 showing grain roundness characteristics.

Figure S3. SEM images of 123 grains from sandstone sample LLH-3 showing grain roundness characteristics.

Figure S4. SEM images of 122 grains from sandstone sample HSG-7 showing grain roundness characteristics.

Figure S5. SEM images of 123 grains from sandstone sample HSG-8 showing grain roundness characteristics.

Figure S6. SEM images of 123 grains from sandstone sample HSG-9 showing grain roundness characteristics.

Figure S7. SEM images of representative grains from the Lulehe and Hongshangou sections showing surface microtextures. Crystal surface textures were classified according to Finzel (2017).