

GSA Data Repository 2019030

Briggs, S.I., and Cottle, J.M., 2019, Accessory mineral petrochronology reveals 30 m.y. of partial melting during the separation of Zealandia from eastern Gondwana: Lithosphere, <https://doi.org/10.1130/L1021.1>.

**2019030\_Tables S1-S4.xlsx**

S1: Monazite U-Th/Pb data

S2: Xenotime U-Pb data

S3: Zircon U-Pb data

S4: Zircon Hf isotope data