



*Supplement of*

**Technical note: An analytical approach for (U–Th) / He dating of goethite by sample encapsulation in quartz ampoules under vacuum, with an example from the Amerasian Basin, Arctic Ocean**

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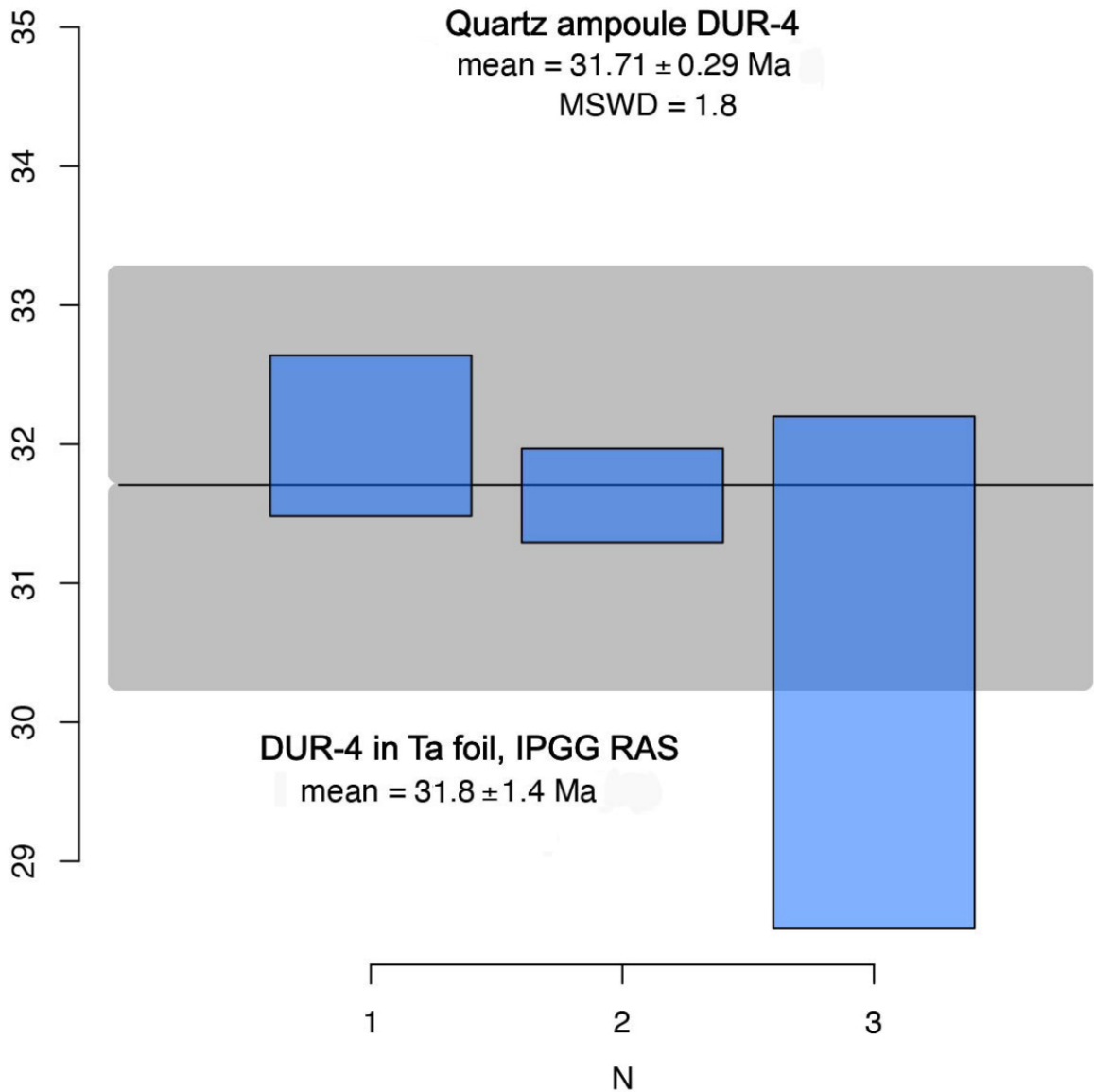


Figure S1. Results of (U-Th)/He dating of Durango apatite. Blue rectangles represent the age values and their uncertainties (1s) obtained for the grains that were sealed in a quartz ampoule. Grey area represents the average (U-Th)/He age of the Durango apatite which was heated in Ta foil and its dispersion (1s).