

Xia, T., Liang, X., Wang, C., Liang, X., and Shan, Y., 2023, U-Pb and Re-Os geochronology and geochemistry of the Ulgen hidden porphyry Mo deposit in the Derbugan metallogenic belt (NE China): Insights into petrogenesis and tectonic setting: GSA Bulletin, <https://doi.org/10.1130/B36697.1>.

Supplemental Material

Table S1. Lithology, occurrences, and locations of samples selected for zircon U-Pb, molybdenite Re-Os, whole-rock major- and trace-element analysis, zircon Hf, and Sr-Nd-Pb isotope analysis.

Table S2. Zircon LA-ICP-MS U-Pb data of the granitoids.

Table S3. Re-Os data of molybdenite from the Ulgen porphyry Mo deposit.

Table S4. Whole-rock major- and trace-element compositions of the monzogranitic porphyry, muscovite monzonitic granite, and biotite granitic porphyry.

Table S5. Sr-Nd-Pb isotopic compositions of the granitoids in the Ulgen deposit.

Table S6. Zircon Lu-Hf isotopic composition of the granitoids.

Table S7. Trace-element (ppm) data of zircon grains from the granitoids.