

Supplementary Figures

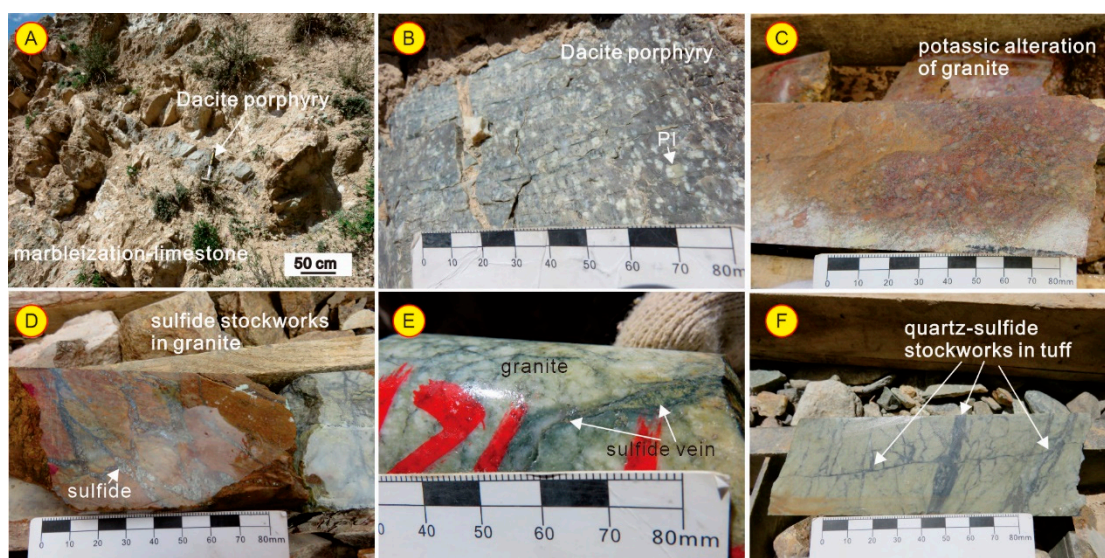


Figure S1 (A) Outcrop of the dacite porphyry vein; (B) Outcrop of the dacite porphyry; (C) Potassic granite from drill hole; (D) Sulfide stockworks in potassic granite; (E) Sulfide-vein in granite; (F) Quartz-sulfide stockworks in tuff.

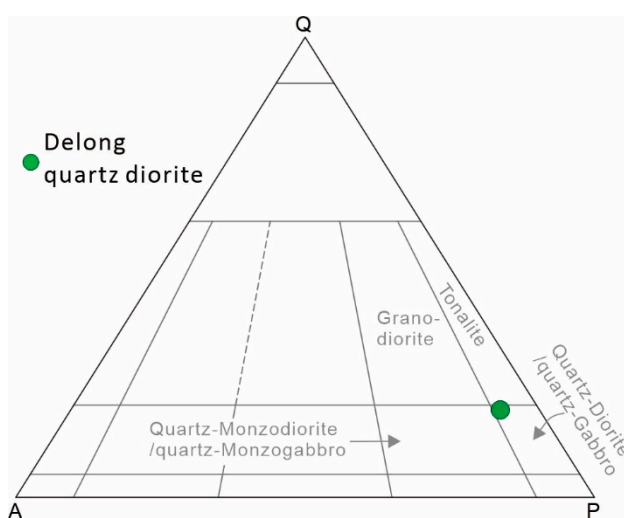


Figure S2 QAP diagram for the Delong quartz diorite (after International Union of Geological Sciences). Q-Quartz; A-Alkali-Felspar; P-Plagioclase.

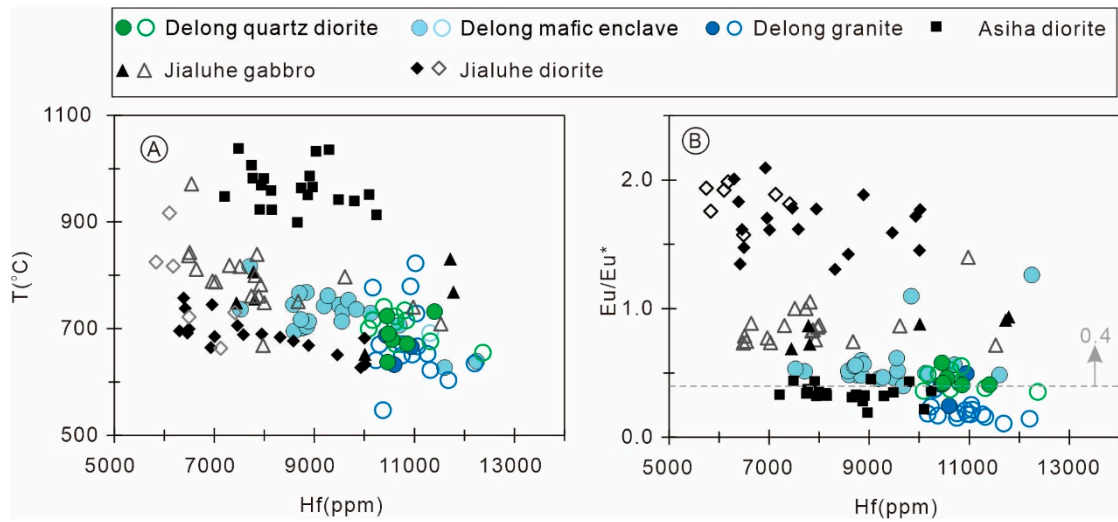


Figure S3 (A) $T(^{\circ}\text{C})$ vs. Hf (ppm) and (B) Eu/Eu^* vs. Hf (ppm) diagrams for zircons.

Filled labels represent data points with $\text{La} < 0.1$ ppm and $\text{Y}/\text{Ho} < 34$ and the unfilled represent the opposite. Data sources, and method for calculating temperature and Eu/Eu^* are the same as in Fig.7