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Supplemental Material

Table S1-1. Olivine compositions of Menglian picrites.

Table S1-2. Clinopyroxene compositions of Menglian picrites.

Table S1-3. Spinel compositions of Menglian picrites.

Table S2. Major and trace elements of picrites-basalts in the Baoshan-Gongshan block.

Table S3. Whole-rock Rb–Sr and Sm–Nd isotope compositions of picrites and basalts from Baoshan-Gongshan Block.

Table S4-1. Zircon U–Pb analyses of gabbroic samples of the picrite-basalt complex in Baoshan-Gongshan Block.

Table S4-2. Zircon U–Pb analyses of diabase sample (ST-23) of the picrite-basalt complex in Baoshan-Gongshan Block.

Table S4-3. U–Pb analyses of zircon Standards.

Table S5. Calculated mantle potential temperature (T_p) and pressure for picrites and basalts in the Baoshan-Gongshan block.