

Xinran Xu, Yanjie Tang, Jifeng Ying, Xinmiao Zhao, and Yan Xiao, 2021, Three-stage modification of lithospheric mantle: Evidence from petrology, in-situ trace elements, and Sr isotopes of mantle xenoliths in the Cenozoic basalts, northeastern North China Craton: GSA Bulletin, <https://doi.org/10.1130/B36140.1>.

Supplemental Material

Table S1. Petrological information and equilibrium temperature estimation for the studied samples.

Table S2. Major element compositions (wt%) of minerals.

Table S3. Trace element concentrations (ppm) of Cpx in xenoliths determined by LA-ICP-MS.

Table S4. In situ Sr isotopic compositions of Cpx in the xenoliths.