

Supporting Information for

Transcrustal magmatic system in lamprophyre dyke constructed by multiple magma reservoirs

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Contents of this file

The Supplementary materials include supplementary figure S1-S2.

Supplementary Figure:

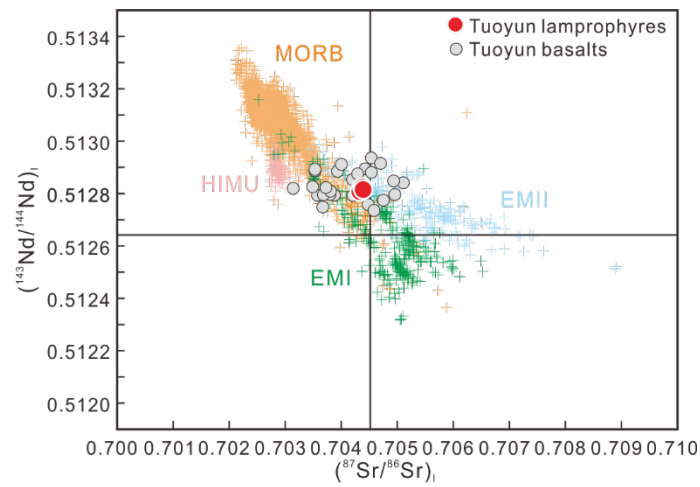


Fig. S1. Sr–Nd isotope compositions of the lamprophyre dykes. Other end-members in this diagram include MORB (Gale et al., 2013), HIMU, EMI, and EMII (Stracke et al., 2003).

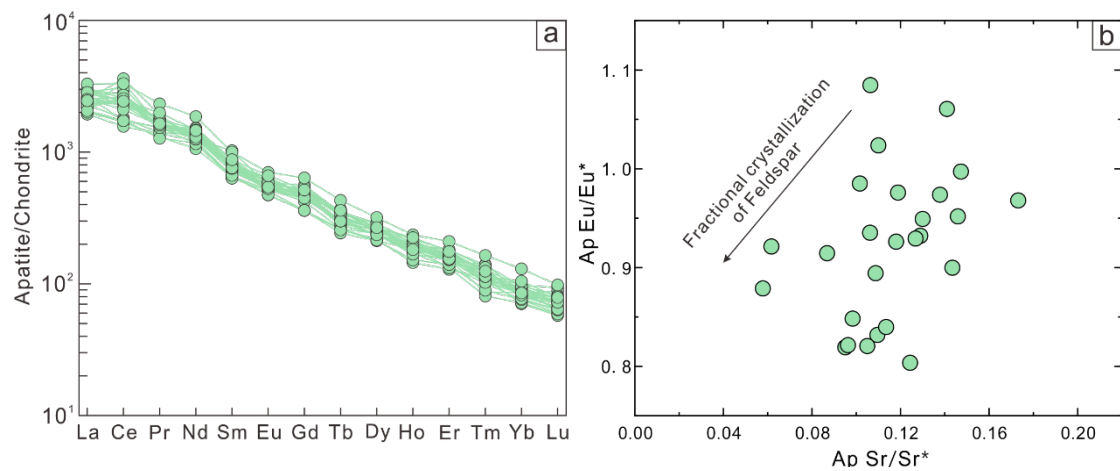


Fig. S2. (a) Chondrite-normalized REE patterns for the Ap; (b) Ap Eu/Eu* versus Ap Sr/Sr*.

References

- Gale, A., Dalton, C. A., Langmuir, C. H., Su, Y., and Schilling, J.-G., 2013, The mean composition of ocean ridge basalts: *Geochemistry, Geophysics, Geosystems*, v. 14, no. 3, p. 489-518, 10.1029/2012gc004334.
- Stracke, A., Bizimis, M., and Salters, V. J. M., 2003, Recycling oceanic crust: Quantitative constraints: *Geochemistry, Geophysics, Geosystems*, v. 4, no. 3, 10.1029/2001gc000223.