

Supplementary File 3. Nd isotopic composition of lamprophyric rocks of the Bokan Mountain Complex

Sample	Nd (ppm)	Sm (ppm)	$\frac{^{147}\text{Sm}}{^{144}\text{Nd}}$	$\frac{^{143}\text{Nd}}{^{144}\text{Nd}}$	\pm 2 σ	ϵ_{Nd} (177Ma)	T_{DMI} (Ma)	T_{DM2} (Ma)
LM 113	17.43	3.869	0.1342	0.512903	6	+6.6	305	474
LM 92	18.36	4.367	0.1458	0.512911	5	+6.5	329	537

Concentrations of Nd and Sm were determined by isotope dilution mass spectrometer. $^{143}\text{Nd}/^{144}\text{Nd}$ are measured Nd isotopic ratios. The ϵ_{Nd} values were calculated assuming an age of 177 Ma. Nd model ages were calculated based upon DePaolo's (1988) depleted mantle model (T_{DM1}) and on a depleted mantle model (T_{DM2}) separated from the CHUR (chondrite-uniform reservoir) at 4.55 Ga with linear evolution and a present-day epsilon value of +10. 2 σ -analytical uncertainties given at 2 σ level correspond to the last decimal of the reported ratios.