



ESM5 - Plots of SiO₂ vs. Nb/U (a), and Ce/Pb (b) ratios, initial Sr (c) and Nd (d)

isotope compositions, ¹⁸O values (e), and Nb/Yb vs. Th/Yb diagram (f: Pearce

2008) of the investigated volcanic rock suggesting crustal contamination influence on the magma

differentiation. (B1: Calc-alkaline; B2: Mildly alkaline- Calc-alkaline; B3: Calc-alkaline).

UC trace-element and Sr-Nd isotope compositiona from Rudnick and Gao (2003); ¹⁸O ratios

from Simon and Lécuyer (2005).