

Supplementary Material SE. Compositional variation of clinopyroxene crystals from the main intrusions of PN.  $Mg\#_{cpx}$  vs trace element compositions (ppm) are presented, contrasting antecryst relict cores (pale brown field) with Ti-augite mantling and rims. Mantling and rims indicate a progressive enrichment in incompatible elements (e.g., REE, Zr, Sr) and impoverishment in compatible ones (e.g., Ni) with the decrease of  $Mg\#_{cpx}$ .

