American Mineralogist, Volume 97, Supplementary material for pages 910–917, 2012

Structural stability, cation ordering, and local relaxation along the $AlNbO_4$-$Al_{0.5}Cr_{0.5}NbO_4$ join

Matteo Ardit,[1,*] Michele Dondi,[2] and Giuseppe Cruciani[1]

[1]Earth Science Department, University of Ferrara, via Saragat 1, 44100 Ferrara, Italy
[2]Institute of Science and Technology for Ceramics (ISTEC-CNR), via Granarolo 64, 48018 Faenza, Italy

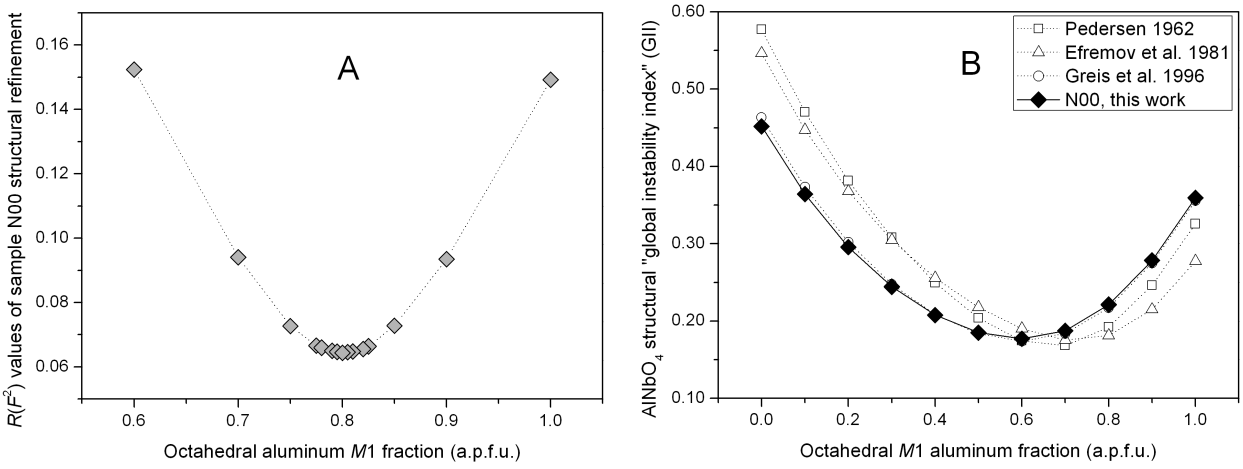

Figure A1. Octahedral *M*1 aluminum fraction against Rietveld refinement $R(F^2)$ agreement factor, (A), and "global instability index", *GII*, for the undoped $AlNbO_4$ structures (B). See legend for reference details.