

Electronic Appendix A for the article: "Geophysical and geological modelling of the Sotkuma gneiss dome; Implications for the relationships of the Archean basement and the Paleoproterozoic cover in North Karelia, Eastern Finland" by Kohonen et al. (2019), Bulletin of the Geological Society of Finland, vol. 91(2)

The geological cross-sections used in creation of the 3D-model (see file model2 and the figures in the article). The cross-sections display the interpreted geometry of the basement (Archean) –cover (Proterozoic) interface.

File: profiles (pdf)

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A schematic 3D block-model showing the interpreted morphology and depth of the basement-cover interface within the study area.

File: model2. (pdf)

Electronic Appendix C for the article: "Geophysical and geological modelling of the Sotkuma gneiss dome; Implications for the relationships of the Archean basement and the Paleoproterozoic cover in North Karelia, Eastern Finland" by Kohonen et al. (2019), Bulletin of the Geological Society of Finland, vol. 91(2)

The figures illustrate the profiles seen from NE, NW, SE and SW, respectively.

Files: profiles_solid_ne; profiles_solid_nw; profiles_solid_se; and profiles_solid_sw