Nano-mineralogy and -geochemistry of high-grade diasporic karst-type bauxite from Parnassos-Ghiona mines, Greece

Platon N. Gamaletsos, Athanasios Godelitsas, Takeshi Kasama, Nathan S. Church, Alexios P. Douvalis, Jörg Göttlicher, Ralph Steininger, Alexey Boubnov, Yiannis Pontikes, Evangelos Tzamos, Thomas Bakas, Anestis Filippidis

PII: S0169-1368(16)30509-1
DOI: doi:10.1016/j.oregeorev.2016.11.009
Reference: OREGEO 2010

To appear in: *Ore Geology Reviews*

Received date: 24 August 2016
Revised date: 9 November 2016
Accepted date: 13 November 2016

Please cite this article as: Gamaletsos, Platon N., Godelitsas, Athanasios, Kasama, Takeshi, Church, Nathan S., Douvalis, Alexios P., Göttlicher, Jörg, Steininger, Ralph, Boubnov, Alexey, Pontikes, Yiannis, Tzamos, Evangelos, Bakas, Thomas, Filippidis, Anestis, Nano-mineralogy and -geochemistry of high-grade diasporic karst-type bauxite from Parnassos-Ghiona mines, Greece, *Ore Geology Reviews* (2016), doi:10.1016/j.oregeorev.2016.11.009

Nano-mineralogy and -geochemistry of high-grade diasporic karst-type bauxite from Parnassos-Ghiona mines, Greece

Platon N. Gamaletsos[a,b,*], Athanasios Godelitsas[b], Takeshi Kasama[a], Nathan S. Church[c], Alexios P. Douvalis[d], Jörg Göttlicher[e], Ralph Steininger[e], Alexey Boubnov[f], Yiannis Pontikes[g], Evangelos Tzamos[h], Thomas Bakas[d], Anestis Filippidis[h]

[a] Center for Electron Nanoscopy, Technical University of Denmark, 2800 Kongens Lyngby, Denmark

[b] Department of Geology and Geoenvironment, National and Kapodistrian University of Athens, Zografou Campus, 15784 Athens, Greece

[c] Department of Geology & Mineral Engineering, Norwegian University of Science & Technology, 7491 Trondheim, Norway

[d] Department of Physics, University of Ioannina, 45110, Ioannina, Greece

[e] ANKA Synchrotron Radiation Facility, Karlsruhe Institute of Technology, Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Germany

[f] Karlsruhe Institute of Technology, Institute for Chemical Technology and Polymer Chemistry, Kaiserstrasse 12, 76131 Karlsruhe, Germany

[g] KU Leuven, Department of Materials Engineering, Kasteelpark Arenberg 44, 3001 Leuven, Belgium

[h] Department of Geology, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

[*]Corresponding author.
E-mail: plagka@dtu.dk (P.N. Gamaletsos).