



NEWS 14/09/2008

Important chemical and structural data on Johachidolite

Important chemical and structural data on Johachidolite published by Swiss universities and GRS in 'Schreyer Memorial Issue' of European Journal of Mineralogy

By Eur. J. Mineral. 2008, 20, 965-973 Published online July 2008

Johachidolite, CaAl[B3O7], a mineralogical and structural peculiarity

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The most specialized structure-related publication on Johachidolite is the summary of a cooperative research project between Swiss Universities (SFIT and University of Berne, Johachidolite, CaAl[B3O7], a mineralogical and structural peculiarity) including chemical testing (LA-ICP-MS, Electron Microprobe Analysis), spectroscopic testing FTIR (Infrared) Spectroscopy) and structural analysis.

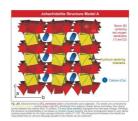
Up to this date this is the latest and most modern data set for the characterization of the mineral "Johachidolite". For a further back-up on the origin of Johachidolite go to Contributions to Gemology No.5, which is also available in book format from GRS.



A 4.51 cts. Gem quality yellow Johachidolite from Pyant Gyi mining area (GRS collection)



Johachidolite crystal of 0.36 cts. (GRS collection)



Crystal Structure by Milen KADIYSKI, Thomas ARMBRUSTER



Electron Microprobe at the Swiss Federal Institute of Technology, IMP ETHZ, Zurich, Switzerland (Dr. Eric Reusser)



Laser Ablatoin Mass Spectroscopy (LA-ICP-MS) at the Laboratory for Inorganoc Chemistry, SFIT ZH, Switzerland (Prof. D. Günther)

Article URL: https://www.gemresearch.ch/news/2008/09/14/important-chemical-and-structural-data

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