



Physical Processes in Magmatic-Hydrothermal Ore Systems: Highlights from Field, Experiment and Modeling Approaches

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The magmatic-hydrothermal transition has been recognized as a major stage in the genesis of mineralizing fluids through the contribution of volatile phases exsolution from silicate melts. While many breakthroughs were realized in the chemistry and thermodynamics of such fluids and associated fluid-rock interactions (e.g., metasomatism, such as greisens, tourmalinites, skarns, etc.), petro-physical processes remain poorly understood and quantified. This impedes hydro-thermo-mechanical models to be accurate and predictive. [...]

The goal of this Special Issue is to provide a platform for geoscientists dealing with mineralized systems related (directly or indirectly) to the magmatic-hydrothermal transition, in order to discuss new insights in hydrodynamic controls of such systems.

Dr. Yannick Branquet

Guest Editor





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Message from the Editor-in-Chief

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