

Fluid inclusions, classification and research methods

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Annotation

This presentation discusses the classification of fluid inclusions, as well as the main methods used to study them.

Fluid inclusions are microscopic cavities (0.01-1mm) of liquid, gas, or solid particles trapped inside minerals. Fluid inclusions can form either during the mineral formation or after it. Consequently, they hold valuable information about the geological processes that took place at the same time as mineral formation or after it.

Technological advancements and the variety of research methods allow us to get crucial information from these inclusions. This information aids in the interpretation of past geological events and processes, and classification of ore deposits.

The presentation was prepared based on a variety of scientific geological articles, and internet sources.

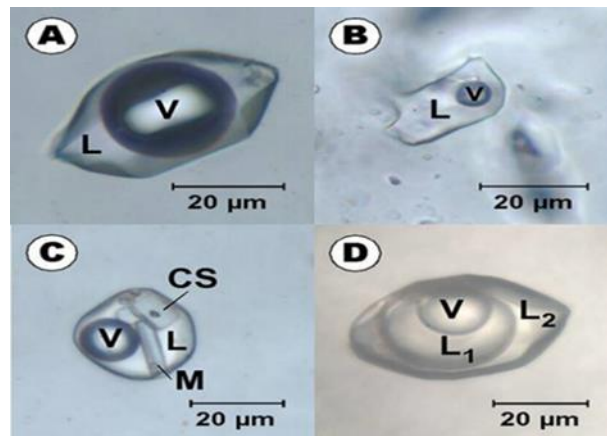


Figure.1. Some examples of natural fluid inclusions (Dubois M., 2003).

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