

# Mineral Chemistry in Exploration for Hydrothermal Ore Deposits

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Using mineral chemistry as a tool for mineral exploration is an idea that goes back to at least the 1970's. However, analytical advances in laser ablation ICPMS technology in the last 20 years have made the acquisition of mineral chemistry data significantly faster, with much lower detection limits. In this talk, I will provide an introduction to how mineral chemistry data can be used in mineral exploration, and give case study examples based on published research papers.

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