

# Critical minerals: From discovery to supply chain

## First notice of online workshop, November 16<sup>th</sup>-18<sup>th</sup>, 2021

This online workshop will address the critical minerals needed to grow low-carbon economies, emphasizing those used in battery, magnet, and photovoltaic technologies. Presentations will consider the life cycle of critical minerals from exploration, resource availability, and mineral systems to market trends and supply chains.

The event will feature three days of oral presentations in six sessions.

- Critical minerals and markets
- Geology of critical minerals
- World class critical mineral deposits
- Selected critical mineral types and deposits (two sessions)
- Exploration methods and technical considerations

To encourage participation from multiple time zones, each session will last five hours.

**Organized by:** British Columbia Geological Survey (BCGS), Geological Survey of Canada (GSC), Geoscience Australia (GA), Geological Association of Canada-Pacific Section.

**Steering committee:** George Simandl (BCGS), Jan Peter (GSC), Allen Andersen (USGS), Zhehan Weng (GA), Evan Orovan (BCGS), Neil Wildgust (BCGS), Johnathan Savard (BCGS, GSC).



# Canada

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Aley niobium-bearing carbonatite, British Columbia.



Upper Fir tantalum-niobium-bearing carbonatite, British Columbia. Fluorapatite megacrysts and dark ferrikatophorite prisms in brown ferroan dolomite.