

9:00 a.m. – 9:30 a.m.

### **The natural refinement of gold: insights and exploration tools**

Gold thematic research at the Ontario Geological Survey has implications for every branch of the geosciences and includes foundational critical minerals research. We'll highlight new innovative and practical tools for exploration. The tools, foundational datasets, and ore forming process insights are developed from our gold thematic projects.

Presented by Dr. Evan Hastie,  
Precambrian Geoscientist

9:45 a.m. – 10:15 a.m.

### **Business incentives and supports**

Ministry of Northern Development will provide information on business support programs available to Northern Ontario businesses or for businesses looking to expand into the Northern region of Ontario within the Mining Supply and Services sector.

Presented by Pierre Seguin,  
Northern Development Advisor

10:30 a.m. – 11:00 p.m.

### **Discover geoscience data using the new GeologyOntario**

We are excited to launch a new GeologyOntario application. Featuring new geospatial and text search tools, the enhanced application allows clients to access and visualize Ontario geoscience information. Discover, view and download digital data, information and publications from one easy-to-use site!

Presented by Genevieve Dorland,  
GIS/Data Specialist and Sean Sullivan,  
Digital Data Specialist (Acting)

11:30 a.m. – 12:00 p.m.

### **Increasing exploration success for critical minerals using Ontario geological survey data and publications**

This presentation will highlight some of Ontario's geoscience publications and data sets that are focussed on critical minerals. This presentation will include information about new releases such as our Ontario's Critical Minerals OGSEarth layer, and many other publications that contain valuable critical minerals data.

Presented by Robert Cundari,  
Northwest Regional Manager

12:15 p.m. – 12:45 p.m.

### **Streamline your search for Ontario mineral exploration and geoscience information using OGSEarth**

This presentation will provide an overview of how to use OGSEarth to inform your mineral exploration programs and investment decisions. It will include demonstrations of OGS Geodata Listing and OGSFocus, two products that are designed to streamline the search for Ontario Geological Survey data and publications.

Presented by Genevieve Dorland, GIS/Data Specialist and Mateo Dorado-Troughton,  
Southern Ontario District Geologist

**1:00 p.m. – 1:30 p.m.**

**Critical minerals exploration and investment opportunities in Ontario: targeting nickel, copper, cobalt and platinum group elements in mafic to ultramafic rocks**

Ontario has the right geology for the discovery of nickel, copper, platinum group elements and cobalt (Ni-Cu-Co-PGE) as evidenced by our status as a significant producer of all these commodities. This presentation will provide an overview of Ontario's considerable Ni-Cu-Co-PGE exploration potential.

Presented by Dr. Shirley Péloquin,  
Sudbury District Geologist

**1:45 p.m. – 2:15 p.m.**

**Critical minerals exploration and investment opportunities in Ontario: targeting rare metals and rare earth elements in LCT pegmatites and carbonatites**

Ontario's varied geology provides excellent opportunities to explore for rare metals (e.g., lithium, cesium, tantalum) in LCT pegmatites, and for rare earth elements (plus niobium and phosphate) in carbonatites. This presentation will provide an overview of Ontario's considerable potential for the discovery of these types of mineralization.

Presented by Zeinab Azadbakht,  
Regional Resident Geologist, Timmins &  
Sault Ste. Marie Districts

**2:30 p.m. – 3:00 p.m.**

**Current geoscience initiatives to support critical minerals exploration and investment**

This presentation will provide updates on some of the Ontario Geological Survey projects that are currently being undertaken to provide the exploration industry with new geoscience data and products.

Presented by Paul Malegus, Regional Resident Geologist, Red Lake & Kenora Districts and Dr. Manuel Duguet, Senior Science Leader for Northwestern Ontario

**3:30 p.m. – 4:30 p.m.**

**Building Ontario's critical minerals supply chain**

Discussion panel hosted by Ontario Minister of Mines Hon. George Pirie and moderated by Mohammed Ali of Agnico Eagle.

Panelists include Minister of Mines Hon. George Pirie, Minister of Northern Development Hon. Greg Rickford, Minister of Economic Development, Job Creation and Trade Hon. Victor Fedeli and Minister of Red Tape Reduction Hon. Parm Gill.