

British Columbia Geological Survey Open House

February 13, 2025

Program

Intended to profile Survey activities and current research, this event will feature a full day of short presentations about new Survey initiatives and research projects, offer participants opportunities to explore shared, overlapping, or cross-disciplinary research, and provide a venue for British Columbia geoscientists to interact with new Survey staff.

9:00	Doors open
9:30 - 9:40	Welcome and land acknowledgement
9:40 - 10:35	Session 1
9:40 - 9:50	Tania Demchuk , New Ministry and outlook
9:50 - 10:00	Adrian Hickin , Partnerships: Optimizing research funding
10:00 - 10:10	Rafael Bacha , The need for a trusted geoscience agency
10:10 - 10:25	Sonia Talwar , (GSC) Research directions at the Geological Survey of Canada
10:25 - 10:35	Nate Corcoran , The provincial Regional Geologists and mineral exploration in northwestern BC
10:35 - 11:00	Coffee
11:00 - 12:00	Session 2
11:00 - 11:10	Bram van Straaten , U-Pb-Hf detrital zircon signature of Stikine terrane, northern British Columbia
11:10 - 11:20	Roddy Campbell , Update on the Late Triassic to late Early Jurassic plutonic framework of the northern Golden Triangle
11:20 - 11:30	Emily Miller , Stratigraphic framework, structural setting, and timing of VMS, epithermal, and porphyry mineralization in the Kitsault River area, northwestern British Columbia
11:30 - 11:40	Mitch Mihalynuk , Time of deposition refinements for key stratigraphic intervals of the Nicola Group, southern British Columbia
11:40 - 11:50	Xi Wang (UVic) Apatite fission track data from northern Hogem batholith, Quesnel terrane, north-central British Columbia: A progress report
11:50 - 12:00	Easton Elia , Surficial geology compilation of the Interior Plateau: The first steps
12:00 - 1:30	Lunch (provided)



1:30 - 2:20

Session 3

1:30 - 1:40

Kaitlyn McLaren, Advancements in mobile mapping: Enhancing data collection with Field Maps

1:40 - 1:50

Yao Cui, British Columbia geoscience Spatial Data Infrastructure (gSDI): A road map

1:50 - 2:00

Jessica Norris, An update from the Mineral Resource Information team: MINFILE 2 and its connections

2:00 - 2:10

Kerri Shaw, MINFILE system updates

2:10 - 2:20

Bronwen Wallace, Assessment report activities

2:20 - 2:50

Coffee

2:50 - 4:00

Session 4

2:50 - 3:00

Rebecca Morris (UVic), Optimized workflow using LA-ICP-MS techniques for applying magnetite as an indicator mineral for porphyry copper deposits

3:00 - 3:10

Alexei Rukhlov, Carbonatites, drainages, and rare-metals: update from British Columbia

3:10 - 3:20

Luke Ootes, Stratigraphic or structural? Some observations and new data that challenge terrane relations in southern British Columbia

3:20 - 3:30

Audrey Graham, Metal diversity of British Columbia SEDEX deposits

3:30 - 3:40

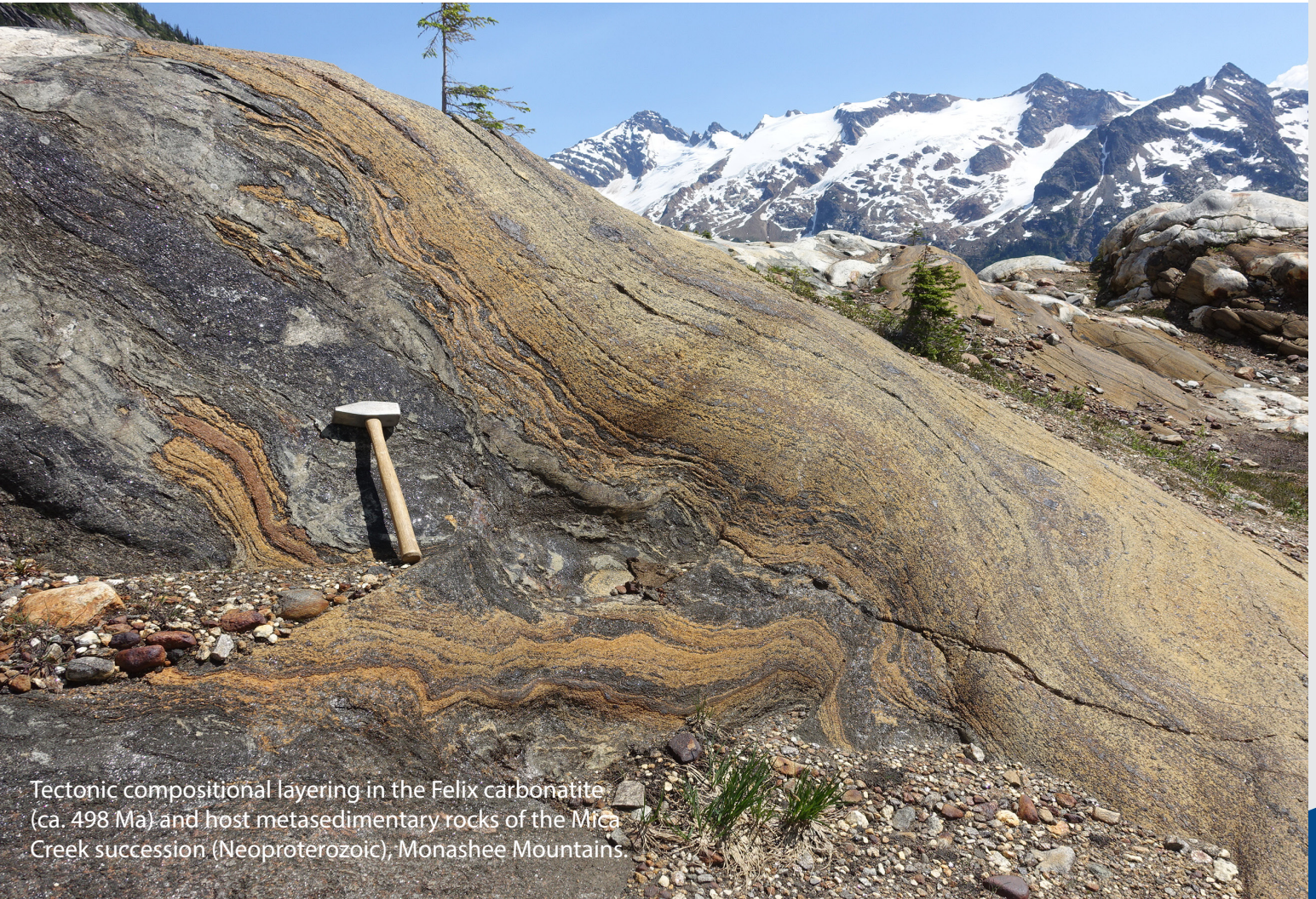
Curran Wearmouth, Spatial analysis and mineral prospectivity: An updated approach

3:40 - 3:50

Marc-André Brideau, Overview of BCGS rock archive-supported projects

3:50 - 4:00

Wrap up followed by social event at Sticky Wicket



Tectonic compositional layering in the Felix carbonatite (ca. 498 Ma) and host metasedimentary rocks of the Mica Creek succession (Neoproterozoic), Monashee Mountains.