**Technical Poster Session**

**Monday January 20, 2020 9:00AM - 6:00PM**

**Reception: 4:00PM - 6:00PM**

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<th><strong>Ballroom A/B</strong></th>
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<td>Yukon Geological Survey</td>
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**Poster Schedule**

**4:00PM** - Poster 47 - M. Mohammad
Structural and Tectonic activity of Mount Meager Complex: Implications for quality of Geothermal Exploration

**4:05PM** - Poster 48 - P. Luck
Satellite geological orientation study at the Mt Washington Epithermal Au-Ag deposit, British Columbia

**4:10PM** - Poster 49 - B. Iulianella Phillips
Seeing Through Covers with Microbes: The Application of Microbial Community-Fingerprinting when Exploring for Concealed Mineral Deposits

**4:15PM** - Poster 50 - K. Steinhardt
Sequestration of ultramafic rocks in the Decar District, BC: implications for nickel recovery and carbon sequestration

**4:20PM** - Poster 51 - S. Vandervis\textsuperscript{d}
How to Sequester Carbon Dioxide by Stabilizing Mine Waste

**4:25PM** - Poster 52 - X. Lu
Accessing carbon capture utilization and storage (CCUS) nearativity of Ultramafic Mine Tailings

**4:30PM** - Poster 53 - J. Nott
New geological investigations of the Early Jurassic Palaeo-ultramafic-mafic Alaskan-type intrusion, north-central British Columbia

**4:35PM** - Poster 54 - A. Lachaud
Mineral prospectivity mapping using machine learning algorithms: a case study on the latest Project, Northwestern BC, Canada

**4:40PM** - Poster 55 - E. Miller
Syndepositional extension during the latest Tertiary – Evidence from geological mapping at the Big Bulk polymetallic deposit, Kinsolth Lake, northwestern BC

**4:45PM** - Poster 56 - D. McLeish
Colloidal Transport: a Solution to the High-Grade Gold Ore Paradox?

**4:50PM** - Poster 57 - M. Binner
SWIR Spectroscopy Studies on the IKC Copper-Molybdenum-Silver Porphyry Deposit, British Columbia

**4:55PM** - Poster 58 - M. Friend
Late Cretaceous magmatism and metallogeny in the Dawson Range, west-central Yukon

**5:00PM** - Poster 59 - W. L. Lee
Finding a porphyry in a core stack: Copper potential at the Klaza Epithermal deposit, Dawson Range, Yukon

**5:05PM** - Poster 60 - G. Williams
The structural framework of Pb-Zn or-forming processes at Macmillan Pass, Selwyn Basin, Yukon

**5:10PM** - Poster 61 - A. Wickham
Till geochemistry and thengochemical exploration for a concealed kimberlite, Northwest Territories

**5:15PM** - Poster 62 - P. DesRosiers
The Effect of Post-Depositional Metawater Processes on Kimberlite Indicator Mineral Concentrations in Glacial Sediments of the Slave Geosyncline Province

**5:20PM** - Poster 63 - Z. Ghorbani
Biogeochemical Exploration at the Monument Bay Au-W deposit, Manitoba, Canada

**5:25PM** - Poster 64 - P. Grigulis
Controls on Ni lamine in the 1D ore body at Vale's Thompson mine (T3), Northern Manitoba, Canada

**5:30PM** - Poster 65 - L. Enser
Successive Mineralization Episodes Recorded in the Debert Lake REE Prospect, NS, Canada

**5:35PM** - Poster 66 - A. Steiner
Coupled-dissolution-precipitation roll-front behavior of ore-fluids in Carlin-type Au-deposits: implications for trace element zoning around deposits

**5:40PM** - Poster 67 - T. Ledoux
Thallium mineralogy of the Taron epithermal Cesium deposit: Implications for economics, mining, metallurgy and the environment

**5:45PM** - Poster 68 - J. Shaw
Finding a porphyry in a core stack: Copper potential at the Klaza Epithermal Deposit, Dawson Range, Yukon

**5:50PM** - Poster 69 - C. Spence-Jones
New applications of detrital gold particle characterization in the early stages of prospect development

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**Student Soapbox Talk Schedule**

- **3:15PM** - Poster 60 - G. Williams
- **3:20PM** - Poster 64 - P. Grigulis
- **3:25PM** - Poster 63 - Z. Ghorbani
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