Workshop – Structural Controls on Ore Deposits

Schedule

Day 1
Morning session I: Co-Chairs: Bruno Lafrance & Brian Raulston

8:15 am   Shoufa Lin, Bruno Lafrance, Adrian Park
   Introduction to Workshop 'Structural Controls on Ore Deposits'
   Structural geology: a key to mineral deposit studies in deformed terrains

8:40 am   Kate Rubingh, Bruno Lafrance & Harold Gibson (Laurentian University)
   Structural controls on gold mineralisation in the Trans Hudson Orogen with a specific focus on the New Britannia Mine, Snow Lake, MB.

9:10 am   Lin, S., Zhang, J., Beakhouse, G., Linnen, R.
   Structural and tectonic controls on Archean gold mineralization: examples from the Abitibi-Wawa Subprovince of the Superior Province

9:55 am   COFFEE

10:15 am  Adrian Park
   Veins as tectonites in high strain zone settings

11:00 am  Michel Jébrak
   Diagnosis and formation of hydrothermal breccias in hydrothermal systems

11:45 am  LUNCH

Afternoon session I: Co-Chairs: Lori Kennedy & Shoufa Lin

1:30 pm    Gayle Febbo, Lori Kennedy, Mike Sevelle
   Structural controls on the Mitchell Cu-Au porphyry: effects of porphyry alteration on deformation style and strain localization.

2:15 am    Stefan Kruse
   Structural analysis of tectonically modified epithermal and porphyry deposits: an example from the Stewart epithermal prospect, Burin Peninsula, NL.
3:00 pm       COFFEE

3:20 pm       Simon Craggs & Jean-Francois Ravenelle
               Techniques for the determination and visualisation of the preferential orientation of mineralisation in structurally controlled deposits

4:20 pm       Bruno Lafrance, Joshua Mukwakwami, Josh Bailey & Michael Lesher
               Structural controls on Ni-Cu sulfide deposits.

4.45 pm       End of session

Day 2
Morning session II: Co-Chairs: Adrian Park & Stefan Kruse

8:15 am       Rebecca Hunter, Bruno Lafrance & David Thomas
               Structural controls on unconformity-type uranium mineralization with comparisons to the newly discovered Tatiggaq Zone, northeast Thelon Basin, Nunavut, Canada.

9:00 am       Bruno Lafrance & Harold Gibson
               Primary and Secondary Structural Controls on VMS deposits.

9:45 am       COFFEE

10:15 am      Brian Raulston & Robert McVeigh (PCS, Sussex, NB)
               Structural Control of Potash Ore Bodies.

11:00 am      Brain Raulston & PCS team
               Demonstration of GoCAD 3D integration of underground mapping and seismic information in structural analysis.

12:00 am      LUNCH

1:30 pm       Excursion to Kings Landing: leader Adrian Park (& David Lentz)

4:30 – 5.00 pm Return to Fredericton