

All field trips will take place within Manitoba, a province renowned for its friendly hospitality; nevertheless, participants should come prepared for the possibility of less-than-hospitable weather. The average daily temperature for May in Winnipeg is 12°C, with record extremes of 37°C and -11°C. North-central Manitoba (Thompson) has an average daily temperature of 6.5°C in May, with record extremes of 32.6°C and -18.3°C (*Source: Environment Canada*).

Prices shown below include transportation and double-occupancy accommodation for the duration of the field trip (as specified by the departure/arrival information), field trip guidebook, snacks and bottled water, meals and incidentals as indicated, and all applicable taxes.

Post-meeting Field Trips

FT-C2

Mafic and ultramafic intrusive rocks and associated Ni-Cu-(PGE) and Cr-(PGE) mineralization in the Bird River greenstone belt, southeast Manitoba

Friday May 24 to Monday May 27, 2013

Leaders: Paul Gilbert (Manitoba Geological Survey), James Scoates (University of British Columbia), Jon Scoates (Consultant), Eric Yang (Manitoba Geological Survey), Caroline Mealin (Ontario Geological Survey), Michel Houlé (Geological Survey of Canada), Carey Galeschuk (Mustang Minerals Corp.)

Estimated cost per person: \$920 (includes meals)

Maximum number of participants: 18

Summary: The Neoproterozoic Bird River greenstone belt in southeastern Manitoba contains a variety of mafic-ultramafic intrusions that host significant Ni-Cu-(PGE) and chromite mineralization. This excursion will focus on magmatic stratigraphy, chromitite layering and associated mineralization in the Archean Bird River Sill and the Mayville intrusion, located respectively within the main part and northern arm of the Bird River greenstone belt. In addition to the surface exposures, drillcore will be examined from the Ni-Cu-(PGE) M2 deposit and the PGE-reef style mineralization in the Mayville intrusion, as well as the Ni-Cu-(PGE) orebodies at the former Maskwa-Dumbarton Mine in the Bird River Sill.

Departure/arrival information: Departs from the Winnipeg Convention Centre at 4:30 p.m. Friday May 24th and returns to the same location by 6:00 p.m. on Monday May 27th.

Other information: This trip involves a moderate level of physical activity (approximately 1–3 km daily); sturdy footwear and raingear are recommended. Note that parts of the Mayville intrusion may not be accessible in the event of high water levels; in that case, an alternate itinerary will be run. The trip will be based at Pinawa, Manitoba (100 km northeast of Winnipeg), where the group will be accommodated at a conference centre.