



# Final Notice -2022 Annual Field Trip

## Flin Flon Greenstone Belt and Ordovician Carbonates

**WHEN : Friday 26<sup>th</sup> August – Tuesday 30<sup>th</sup> August, 2022**



Ordovician dolostone

The Paleoproterozoic Early Paleoproterozoic Flin Flon greenstone belt is a world class volcanic-hosted massive sulphide (VMS) district.

The field trip will visit superb exposures of...

- Volcanic and sedimentary rocks with well preserved primary structures and stratigraphic relations
- High strain zones illustrating the transition from Missi Group conglomerates to banded tectonites
- Calc-alkaline early successor arc plutons
- Drill core display from the HudBay 777 VMS deposit
- Ordovician dolostones

**Cost: \$600.00... REGULAR AND \$300 ... STUDENTS**

includes... transportation from Regina to Flin Flon and return, accommodations, lunches, beverages, field trip guidebook

**REGISTRATION DEADLINE: August 10<sup>th</sup>, 2022**  
(in order to finalize transportation, accommodations and printing of guidebook material)

To register, visit our website and fill out the accompanying form ([click on link](https://sgshome.ca/events/registration/all-registration)):  
<https://sgshome.ca/events/registration/all-registration>

### Principal Field Trip Leader:

**Dr. Michelle DeWolfe, Mount Royal University, Calgary**

The SGS is privileged to have Dr. Michelle DeWolfe of Mount Royal University as the principal leader for the 2022 annual field trip. Dr. DeWolfe's PhD research focused on the hanging wall sequence to the Flin Flon VMS deposits and her primary research interests include: volcanology, in particular in submarine environments, and the volcanic and magmatic controls on the location and formation of volcanogenic massive sulphide (VMS) deposits during the evolution of volcanic complexes and associated hydrothermal systems.

### SGS Field Trip Committee

John Lake, Mike Thomas, David Thomas



Pillow basalt flow, Amisk Group



Paleoweathered clasts, Missi Group