

NEOMMS 2018
NORTH EASTERN ONTARIO MINES AND MINERALS SYMPOSIUM
Northern Prospectors Association, Kirkland Lake, Ontario
“Today’s Technology – Tomorrow’s Discoveries”

POST SYMPOSIUM FIELD TRIPS – FRIDAY OCTOBER 19, 2018

First Cobalt Field Trip: Gary Grabowski and Frank Santaguida

The recent increase in the price of cobalt metal has resulted in renewed exploration activity in the historic prolific Cobalt Silver Mining District. The discovery of the multi-element silver-cobalt veins in 1903 began a prospecting rush that eventually led to more than 50 silver mines going into production which eventually provided the capital to develop the Porcupine, Kirkland Lake and Noranda Mining Camps. The Cobalt field trip will examine the Archean and Proterozoic stratigraphy hosting the silver cobalt veins in a traverse over Nipissing Hill. Exploration efforts conducted by First Cobalt Corp. in the Kerr Lake Area will be examined as well as viewing of core from its ongoing diamond drilling programs in the area.

The Potter VMS Deposit/Volcanology Field Trip: Dave Gamble

The Potter Mine Cu-Zn-Co-Ag polymetallic VMS deposit contains over 5.1 Mt current resource estimate 2008 (NI 43-101 indicated & inferred) + ~0.5 Mt historical production to 1972) is located within the Kidd-Munro volcano-sedimentary Assemblage (2720-2710 Ma) in the Abitibi Greenstone Belt of Ontario. The Potter field trip will examine a variety of volcanic textures and features within in a bi-modal succession of tholeiitic and komatiitic volcanic rocks that are very well exposed on the property. The tholeiitic volcanoclastic mine sequence will be visited on surface while the intercalated carbonaceous mudstone and seafloor massive to sub-seafloor replacement sulphide mineralization will be examined in drill core intersections from several of the base metal pyrrhotite-hosted massive sulphide lenses.

Kirkland Lake – Larder Lake Gold Tour Field Trip: KL RGP staff

The Kirkland Lake – Larder Lake area is host to the second largest gold producing area in Ontario (+40M oz.); only the Porcupine Camp is larger. The Larder Lake – Cadillac Break (LLCB) stretches from west of Matachewan for 250 miles east to Val d’Or, Quebec. The Kirkland Lake Main Break is a northeast-trending splay structure from the LLCB. The field trip will examine the Temiskaming sedimentary, volcanic and intrusive rocks (~2685 Ma) in Kirkland Lake where Kirkland Lake Gold Inc. has begun sinking a new 7,000 foot shaft expected to cost \$300M+. Following Highway 66 to the east towards Larder Lake and Virginiatown, exposures of rocks typical of the LLCB will be examined, including the stratigraphy that host the Kerr Addison style mineralization near Larder Lake. Exploration activities conducted by Agnico Eagle Mines Ltd. at the Upper Canada and Upper Beaver properties in Gauthier Township will also be highlighted. Please note that parts of this field trip will be going onto private mining company lands that will require all participants to supply their own PPE (personal protection equipment) that must include hard hat, safety glasses, safety work boots and safety vest or cruiser vest with safety tape.