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**Mineral resource estimation methods used at  
Voisey's Bay: Eastern Deeps Ni-Cu-Co deposit**

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The Eastern Deeps chamber is part of the 1.34 Ga. Voisey's Bay intrusion, a member of the Nain Plutonic Suite. The nickel-copper-cobalt deposit is located near the base of the chamber where a feeder dyke merges with the chamber.

The deposit consists of two mineralized domains, a large "cloud" of disseminated sulphides and a central core of massive sulphide. Metal grades within the disseminated domain are quite variable and range from 0.3 % Ni up to 1.5 % Ni with local barren layers. The massive sulphide domain is relatively homogenous in grade and averages about 3.0 % Ni.

A two-stage geostatistical approach was used to estimate the mineral resource contained within the Eastern Deeps. Due to the wide range in metal grades the disseminated domain was estimated using multiple indicator Kriging with a cut-off of 0.3% Ni. The massive sulphide estimation was completed using simple Kriging and the two models were then combined into a single block model.