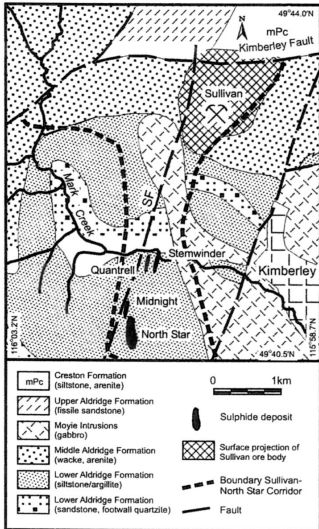


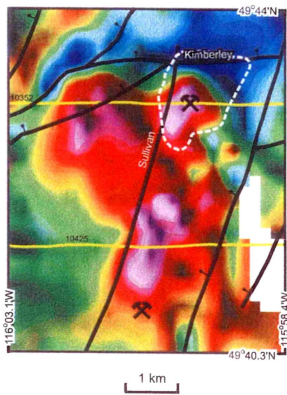
# SULLIVAN

## CANADA

### How Geophysics Works at Sullivan

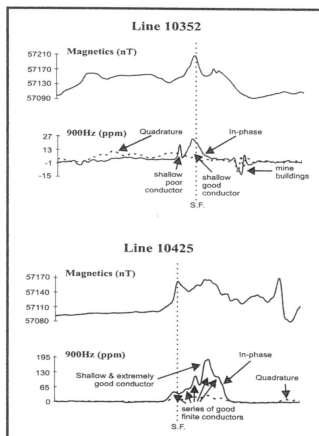


The Sullivan mine, located in British Columbia, Canada, is one of the world's largest Sedimentary exhalative (SEDEX) deposits having produced more than 140 million tonnes of ore.



A distinct, moderately positive, irregularly shaped magnetic anomaly is observed along the trend with zones of higher anomalous values.

The magnetic peak at Sullivan is due to the un-mined massive pyrrhotite replacement body and the network of pyrrhotite-quartz-carbonate veins (90% of the ore has been mined.)



Frequency-domain EM data indicate corresponding zones of high conductivity.

The profiles indicate the presence of a series of good conductors within the anomalous zone.