



#### Supracrustal rocks

- Hauki quartzite
  - Kiirunavaara group
  - Porphyrite group
  - Kiruna greenstone group
- #### Intrusive rocks
- Lina suite
  - Edefors suite (TIB)
  - Jyryjoki granite
  - Perthite-monzonite suite
  - Haparanda suite
  - Mafic dyke intrusion

#### Metamorphism

- Isotope resetting of the Rb/Sr-system
- Metamorphic events (greenschist- to amphibolite facies)

#### Deformation

- Brittle
- Plastic- to- brittle-plastic compressional
- Brittle extensional

#### Mineralization

- Iron oxide Cu-Au
- Iron oxide-apatite
- Porphyry Cu-Au-Ag-Mo
- Syn-exhalative Cu (Viscaria-type)

#### References

Skiöld, (1986); Cliff, et al., (1990); Romer, et al., (1994); Martinsson, (1997); Bergman, et al., (2001); Wannhainen, et al., (2005); Bergman, et al., (2006); Edfelt, (2007); Smith, et al., (2009); Martinsson et al., (2016); Westhues, et al., (2016); Sarlus, et al., (2017); Bergman, (2018); Andersson, (2019).