

Geology of the Fäbodliden C lode gold deposit in northern Sweden

Implications for gold process mineralogy

Introduction

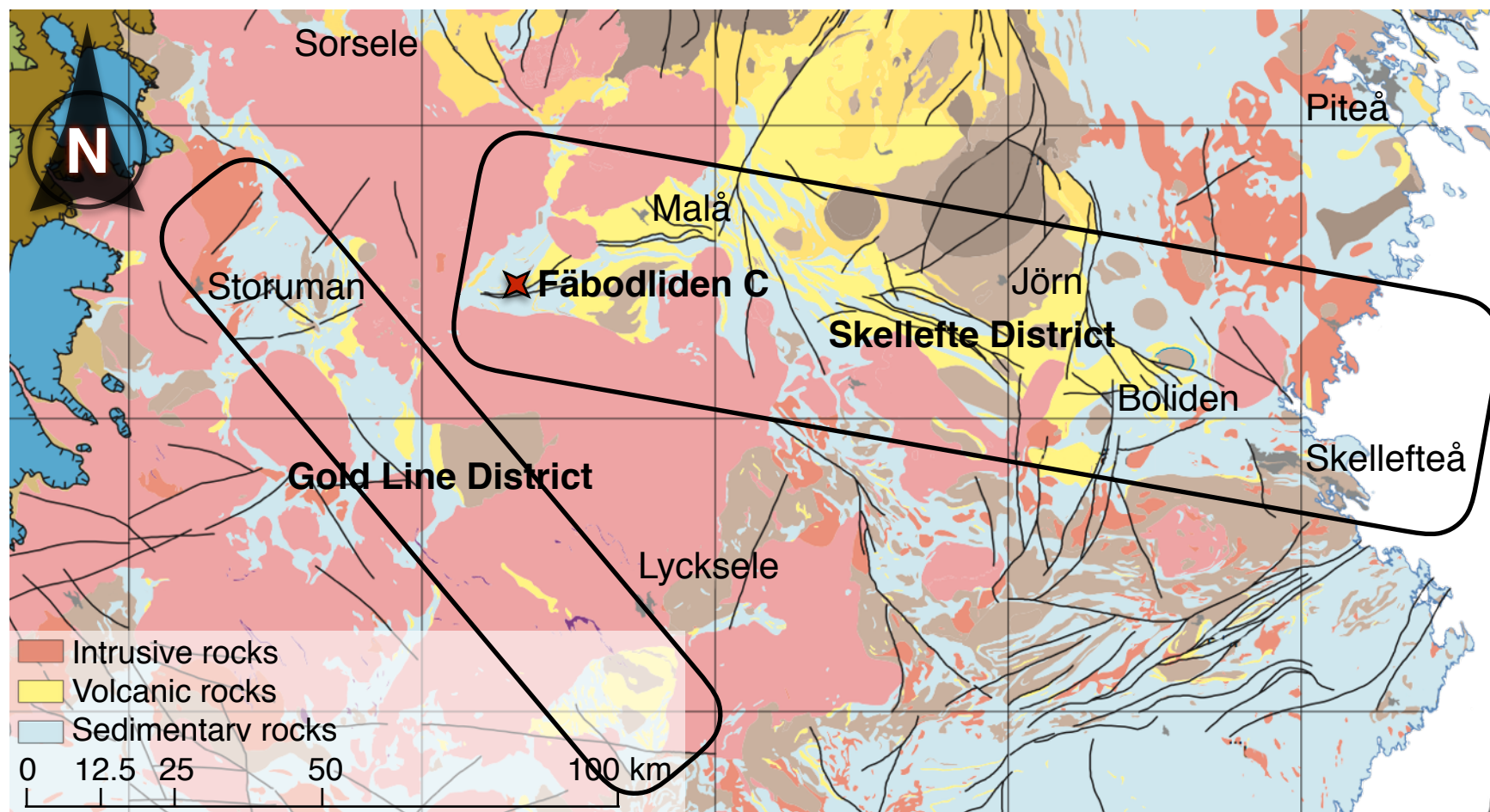
Purpose of the thesis

- Investigate the Fäbodliden C lode gold deposit
 - Geology
 - Geochemistry
 - Petrography
- Discuss gold process mineralogy
- Consider the genetic character of the deposit



Introduction

Location of Fäbodliden C



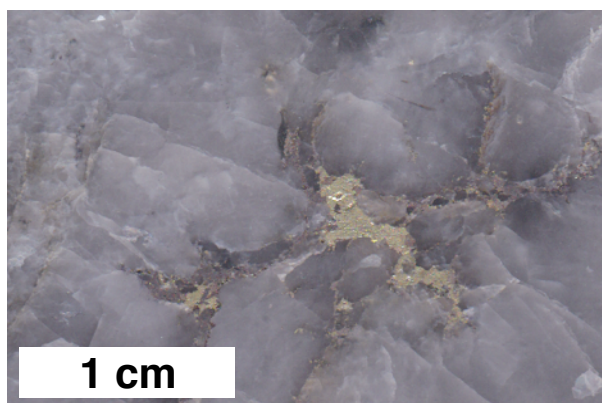
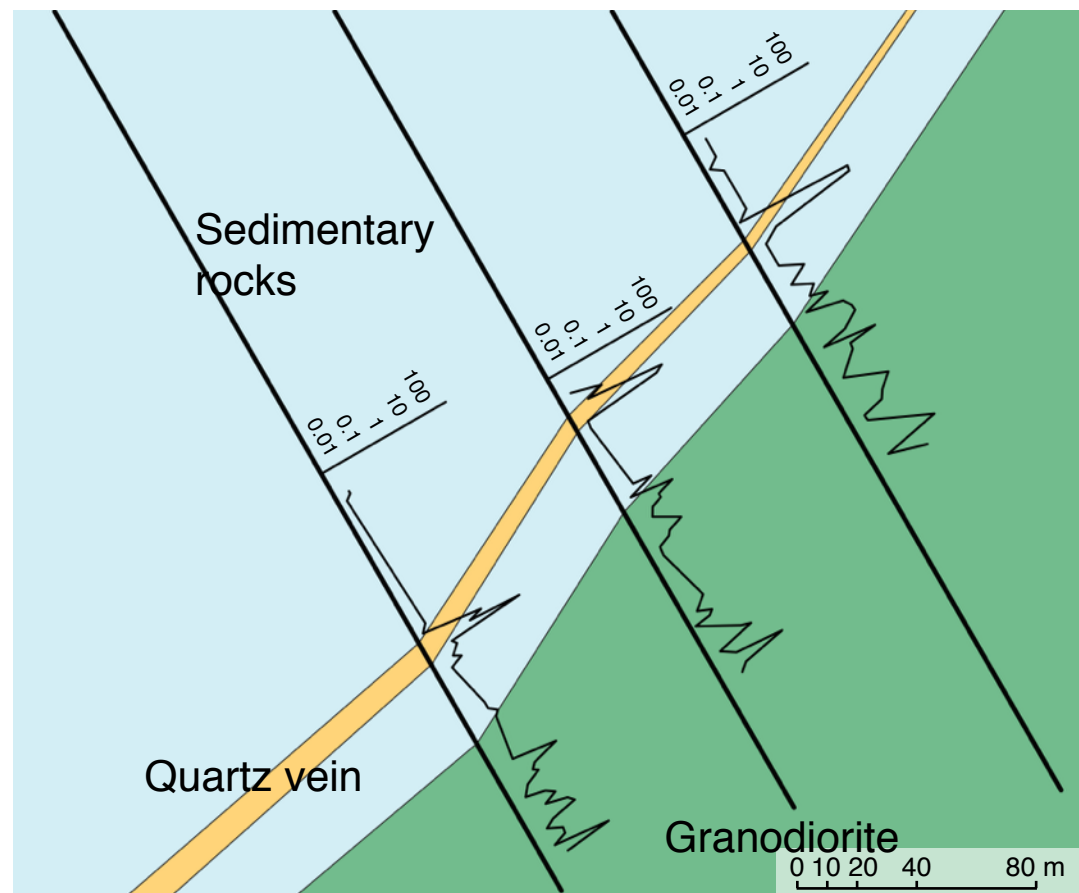
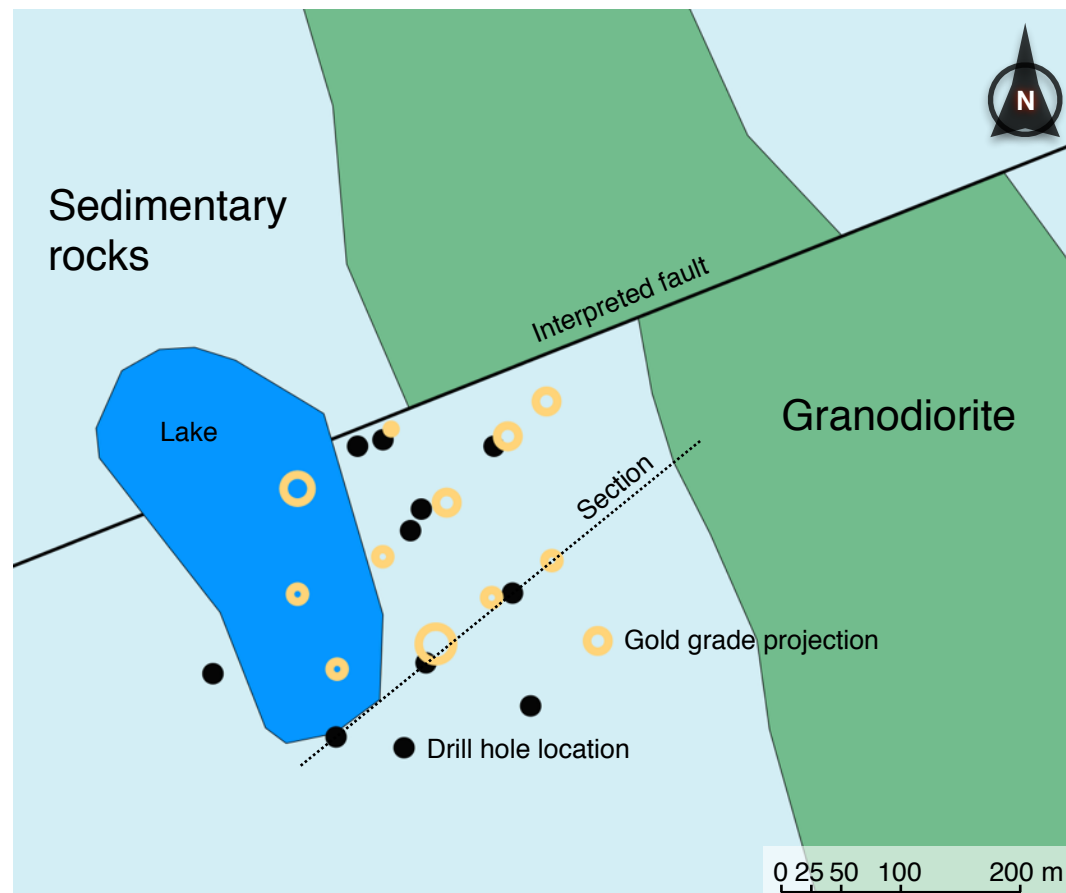
Map modified after Kathol and Weihed (2005)



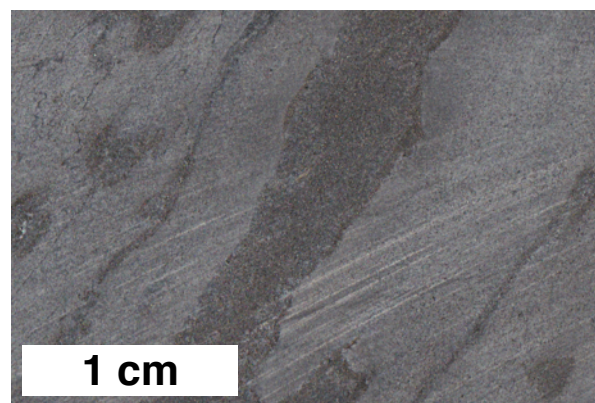
Map modified after Bark and Weihed (2007)

Results

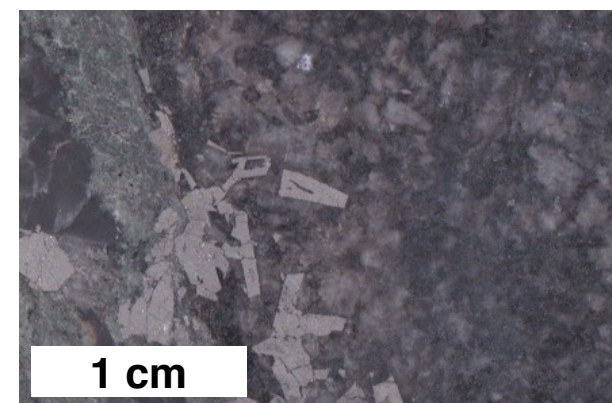
Geology of the deposit



Mineralization



Host rock



Intrusion

Results

Gold process mineralogy



Better understanding for how to improve gold recovery from the deposit

Ore genetic aspect



Benefit the on-going exploration in the Vindelgransele area

