

Joel Andersson

Geomechanical Engineer

Expertise

Rock mechanics

Education

M.Sc. Civil Engineering (Rock Mechanics), 2018
Luleå University of Technology, Luleå, Sweden.

Professional Experience

2018 – Present

Itasca Consultants AB, Stockholm, Sweden
Geomechanical Engineer

2018 – 2018

Projektengagemang, Stockholm Sweden
Soil engineering

Project Experience

Soil engineering:

Evaluation of soil properties from different field investigations

Analysis of expected settlements for two preschools in Stockholm

Mining:

2D numerical analysis and evaluation of slope stability in Aitik

Kinematic analysis of bench stability in Aitik

Three-dimensional analysis of the LKAB Kiirunavaara mine (sublevel caving) to evaluate ground deformations in Kiruna.

Infrastructure (Tunneling):

Geometry setup and three-dimensional discontinuum analysis for new railway tunnel and station for the Korsvägen station in Gothenburg.

Field work:

Geomechanical core logging (RQD-, RMR-, and Q-characterization).