



# Mining example

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# Problem description

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- Prefeasibility stage
- Geologists have defined footwall, hangingwall and mineralisation
  - Good strategy to build robust models that can be used in the future
- There exists a subvertical fault
- Interested in stresses, movement along fault, general stability, damage, etc.

# Method

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1. Mesh generation
2. Boundary conditions
3. Constitutive model and properties
4. Initial loading
5. History
6. Running
7. Analysis and plotting