Session 3: Drilling, grouting and environmental aspects

- Drilling methods
  - Auger
  - Cable tool
  - Rotary
    - With or without casing
    - Direct or reverse circulation
  - Air rotary
    - Direct or reverse
  - Direct push
  - Soil samples
Auger and cable tool drilling
Rotary drilling, auger drilling
Grout shrinkage
Grout shrinkage, drilling without casing
Rotary drilling, with casing
Soil samples
Soil samples
Grout

- Grout types
  - Thermal properties
  - Sealing properties
  - Shrinkage
- Grout injection
- Grout mixing
  - Batch
  - Continuous
Grout mixing