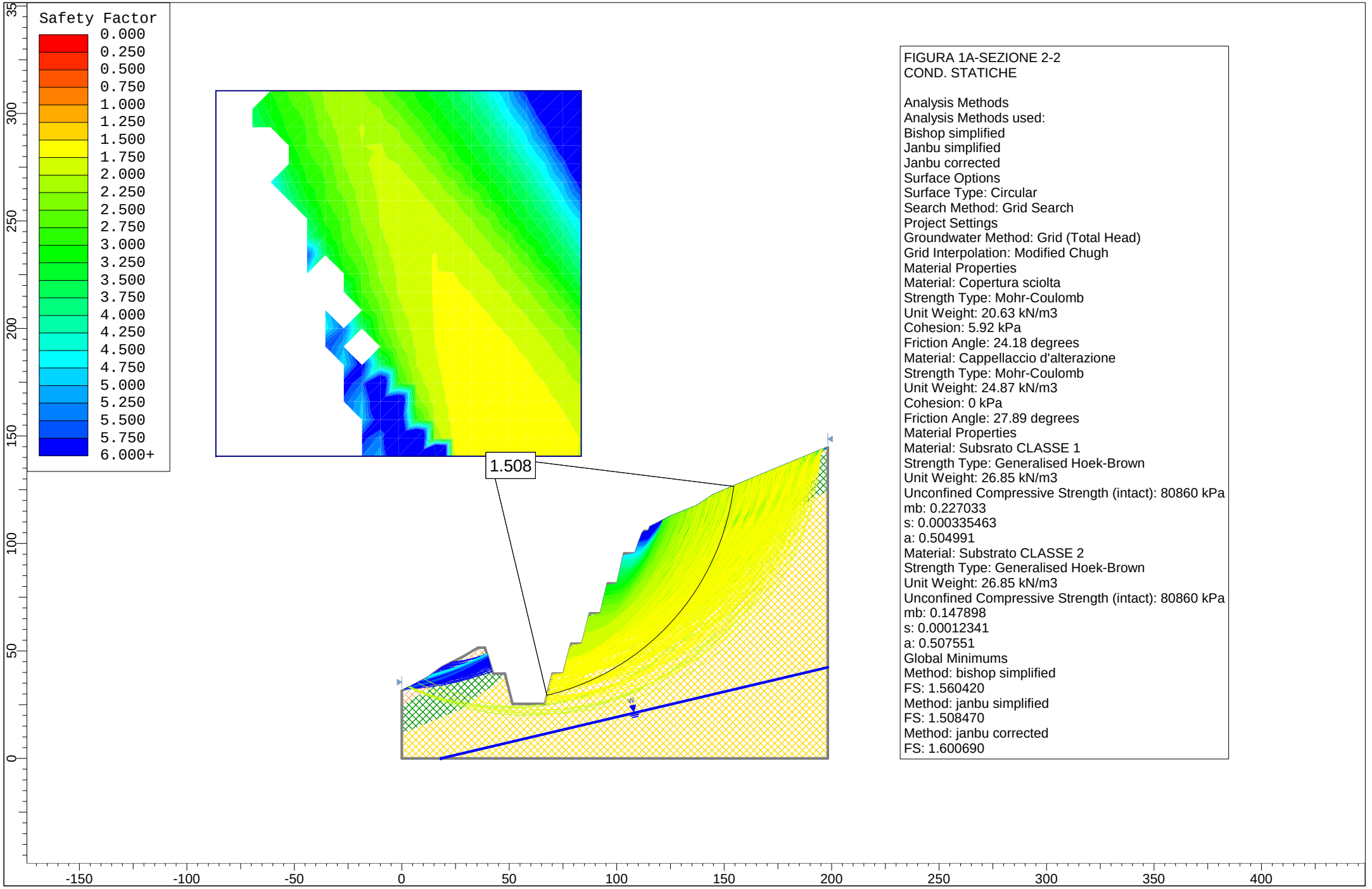


FIGURA 1A-SEZIONE 2-2
COND. STATICHE

Analysis Methods
Analysis Methods used:
Bishop simplified
Janbu simplified
Janbu corrected
Surface Options
Surface Type: Circular
Search Method: Grid Search
Project Settings
Groundwater Method: Grid (Total Head)
Grid Interpolation: Modified Chugh
Material Properties
Material: Copertura sciolta
Strength Type: Mohr-Coulomb
Unit Weight: 20.63 kN/m3
Cohesion: 5.92 kPa
Friction Angle: 24.18 degrees
Material: Cappellaccio d'alterazione
Strength Type: Mohr-Coulomb
Unit Weight: 24.87 kN/m3
Cohesion: 0 kPa
Friction Angle: 27.89 degrees
Material Properties
Material: Subsrato CLASSE 1
Strength Type: Generalised Hoek-Brown
Unit Weight: 26.85 kN/m3
Unconfined Compressive Strength (intact): 80860 kPa
mb: 0.227033
s: 0.000335463
a: 0.504991
Material: Substrato CLASSE 2
Strength Type: Generalised Hoek-Brown
Unit Weight: 26.85 kN/m3
Unconfined Compressive Strength (intact): 80860 kPa
mb: 0.147898
s: 0.00012341
a: 0.507551
Global Minimums
Method: bishop simplified
FS: 1.560420
Method: janbu simplified
FS: 1.508470
Method: janbu corrected
FS: 1.600690