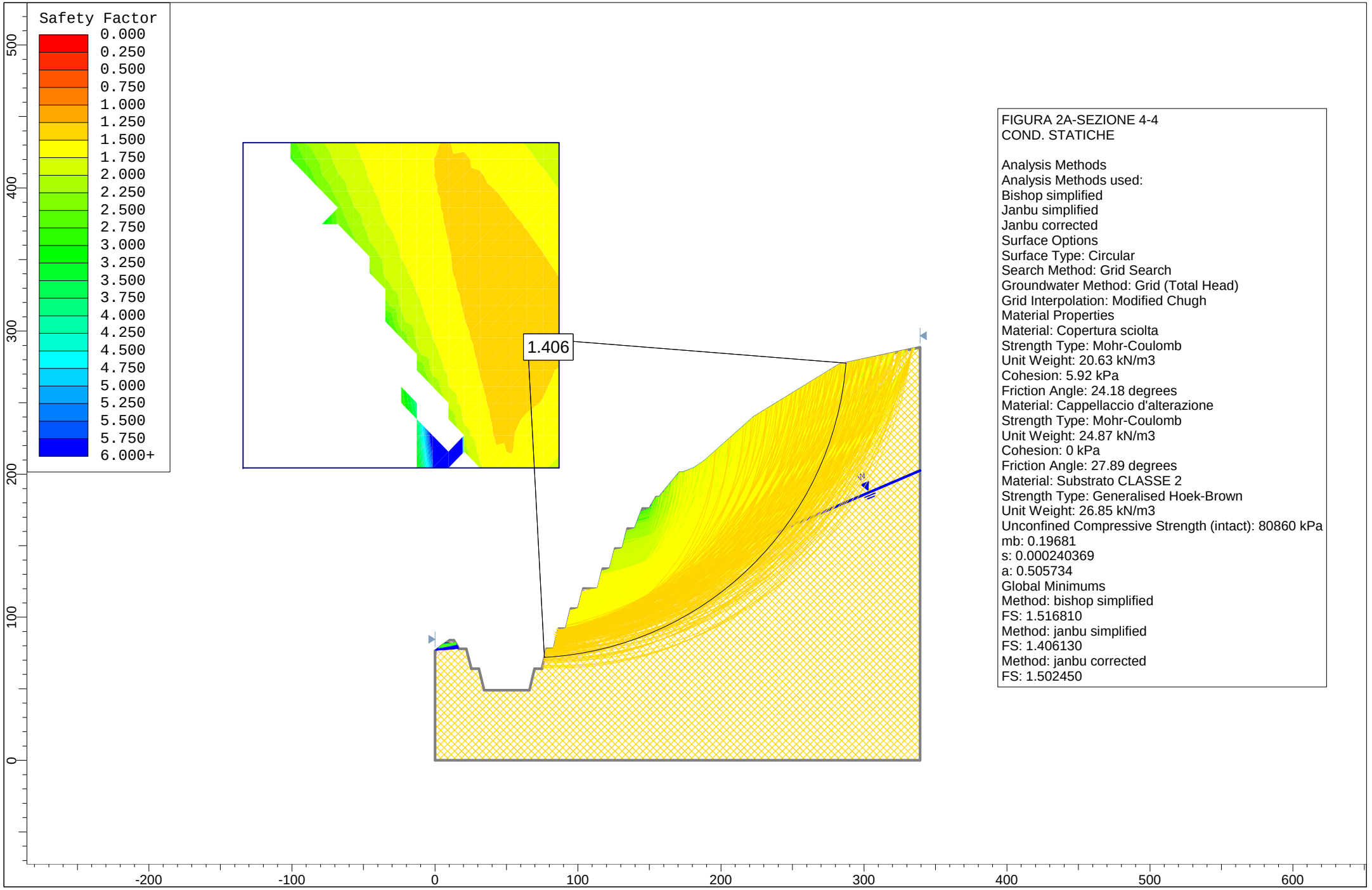


FIGURA 2A-SEZIONE 4-4
COND. STATICHE

Analysis Methods
Analysis Methods used:
Bishop simplified
Janbu simplified
Janbu corrected
Surface Options
Surface Type: Circular
Search Method: Grid Search
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: Substrato CLASSE 2
Strength Type: Generalised Hoek-Brown
Unit Weight: 26.85 kN/m3
Unconfined Compressive Strength (intact): 80860 kPa
mb: 0.19681
s: 0.000240369
a: 0.505734
Global Minimums
Method: bishop simplified
FS: 1.516810
Method: janbu simplified
FS: 1.406130
Method: janbu corrected
FS: 1.502450