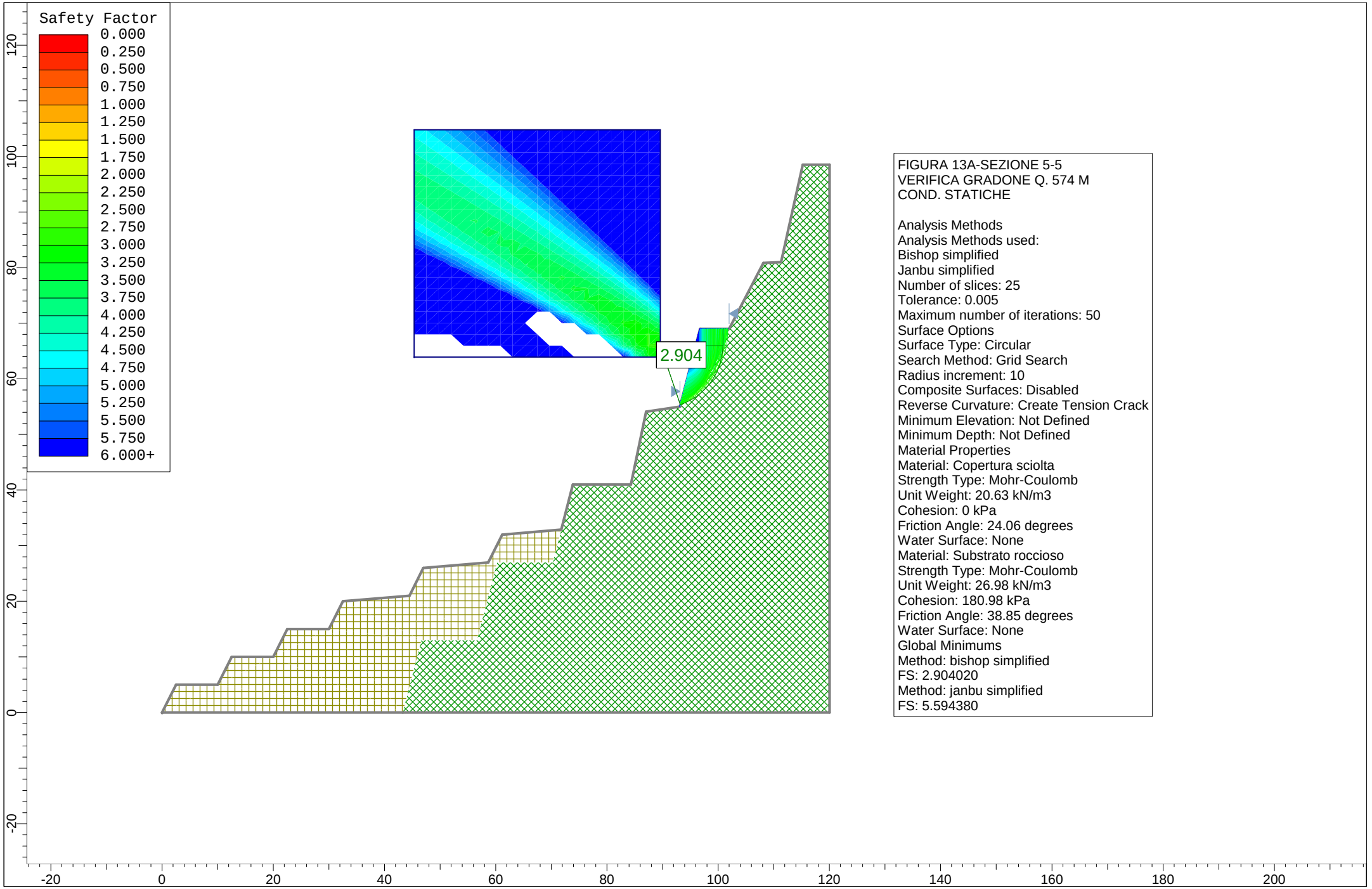


FIGURA 13A-SEZIONE 5-5
VERIFICA GRADONE Q. 574 M
COND. STATICHE

Analysis Methods
Analysis Methods used:
Bishop simplified
Janbu simplified
Number of slices: 25
Tolerance: 0.005
Maximum number of iterations: 50
Surface Options
Surface Type: Circular
Search Method: Grid Search
Radius increment: 10
Composite Surfaces: Disabled
Reverse Curvature: Create Tension Crack
Minimum Elevation: Not Defined
Minimum Depth: Not Defined
Material Properties
Material: Copertura sciolta
Strength Type: Mohr-Coulomb
Unit Weight: 20.63 kN/m3
Cohesion: 0 kPa
Friction Angle: 24.06 degrees
Water Surface: None
Material: Substrato roccioso
Strength Type: Mohr-Coulomb
Unit Weight: 26.98 kN/m3
Cohesion: 180.98 kPa
Friction Angle: 38.85 degrees
Water Surface: None
Global Minimums
Method: bishop simplified
FS: 2.904020
Method: janbu simplified
FS: 5.594380