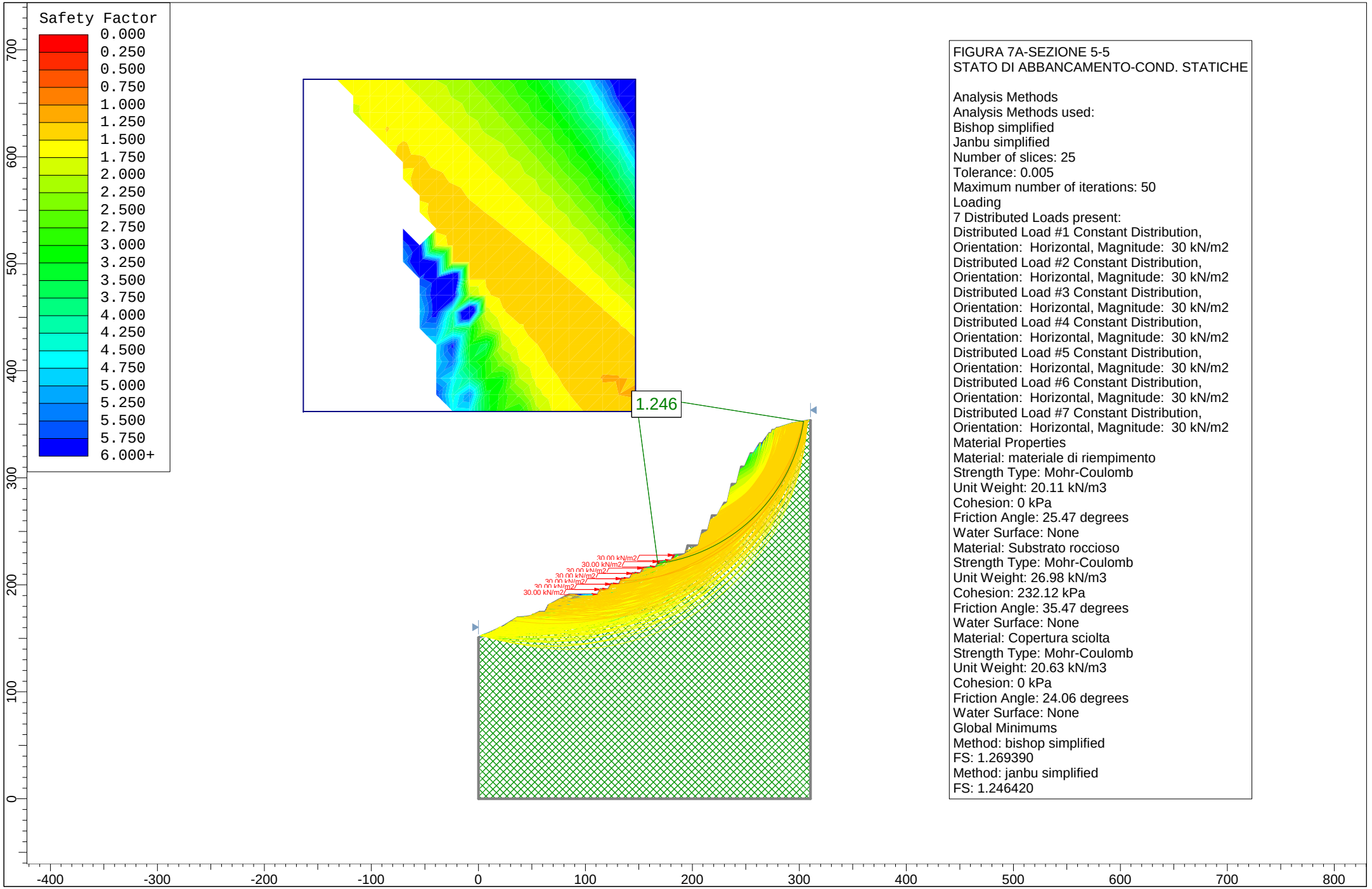


FIGURA 7A-SEZIONE 5-5
STATO DI ABBANCAMENTO-COND. STATICHE

Analysis Methods
Analysis Methods used:
Bishop simplified
Janbu simplified
Number of slices: 25
Tolerance: 0.005
Maximum number of iterations: 50
Loading
7 Distributed Loads present:
Distributed Load #1 Constant Distribution,
Orientation: Horizontal, Magnitude: 30 kN/m2
Distributed Load #2 Constant Distribution,
Orientation: Horizontal, Magnitude: 30 kN/m2
Distributed Load #3 Constant Distribution,
Orientation: Horizontal, Magnitude: 30 kN/m2
Distributed Load #4 Constant Distribution,
Orientation: Horizontal, Magnitude: 30 kN/m2
Distributed Load #5 Constant Distribution,
Orientation: Horizontal, Magnitude: 30 kN/m2
Distributed Load #6 Constant Distribution,
Orientation: Horizontal, Magnitude: 30 kN/m2
Distributed Load #7 Constant Distribution,
Orientation: Horizontal, Magnitude: 30 kN/m2
Material Properties
Material: materiale di riempimento
Strength Type: Mohr-Coulomb
Unit Weight: 20.11 kN/m3
Cohesion: 0 kPa
Friction Angle: 25.47 degrees
Water Surface: None
Material: Substrato roccioso
Strength Type: Mohr-Coulomb
Unit Weight: 26.98 kN/m3
Cohesion: 232.12 kPa
Friction Angle: 35.47 degrees
Water Surface: None
Material: Copertura sciolta
Strength Type: Mohr-Coulomb
Unit Weight: 20.63 kN/m3
Cohesion: 0 kPa
Friction Angle: 24.06 degrees
Water Surface: None
Global Minimums
Method: bishop simplified
FS: 1.269390
Method: janbu simplified
FS: 1.246420