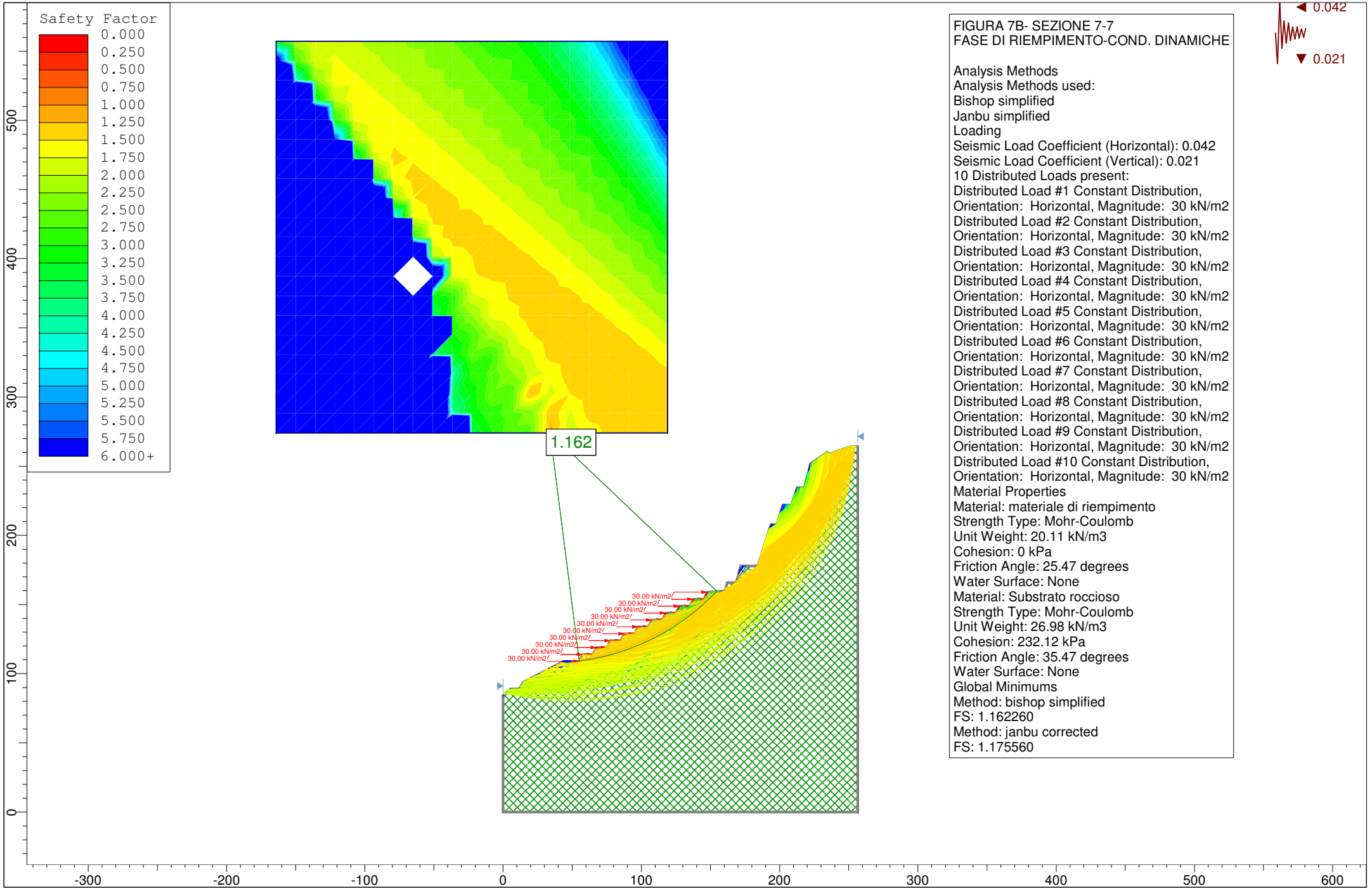


FIGURA 7B- SEZIONE 7-7
FASE DI RIEMPIMENTO-COND. DINAMICHE

Analysis Methods
Analysis Methods used:
Bishop simplified
Janbu simplified
Loading
Seismic Load Coefficient (Horizontal): 0.042
Seismic Load Coefficient (Vertical): 0.021
10 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
Distributed Load #8 Constant Distribution,
Orientation: Horizontal, Magnitude: 30 kN/m2
Distributed Load #9 Constant Distribution,
Orientation: Horizontal, Magnitude: 30 kN/m2
Distributed Load #10 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
Global Minimums
Method: bishop simplified
FS: 1.162260
Method: janbu corrected
FS: 1.175560