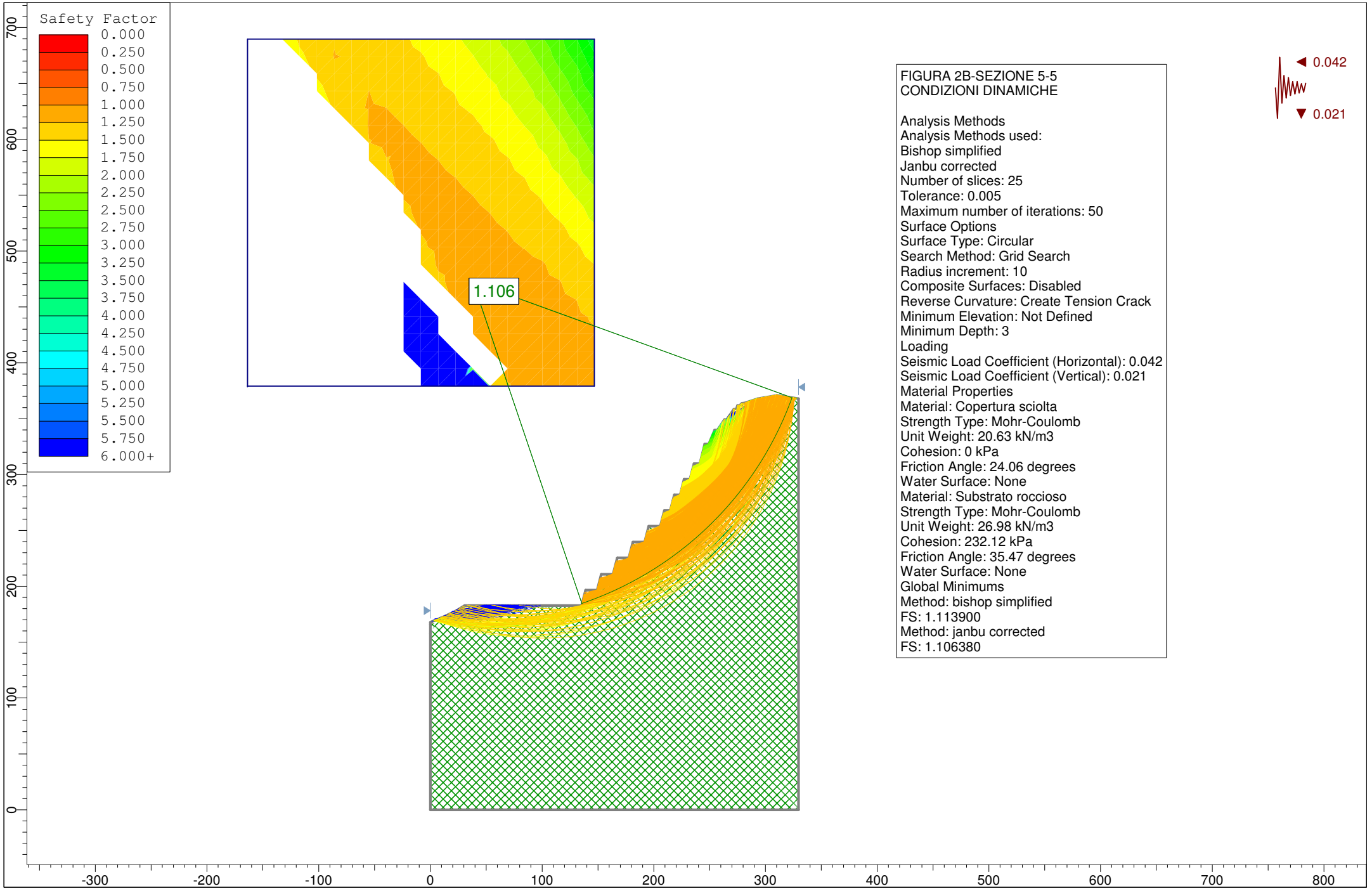

Safety Factor
0.000
0.250
0.500
0.750
1.000
1.250
1.500
1.750
2.000
2.250
2.500
2.750
3.000
3.250
3.500
3.750
4.000
4.250
4.500
4.750
5.000
5.250
5.500
5.750
6.000+
1.106
0.042
0.021
FIGURA 2B-SEZIONE 5-5
CONDIZIONI DINAMICHE
Analysis Methods
Analysis Methods used:
Bishop simplified
Janbu corrected
Number 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: 3
Loading
Seismic Load Coefficient (Horizontal): 0.042
Seismic Load Coefficient (Vertical): 0.021
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: 232.12 kPa
Friction Angle: 35.47 degrees
Water Surface: None
Global Minimums
Method: bishop simplified
FS: 1.113900
Method: janbu corrected
FS: 1.106380
700
600
500
400
300
200
100
0
-300
-200
-100
0
100
200
300
400
500
600
700
800