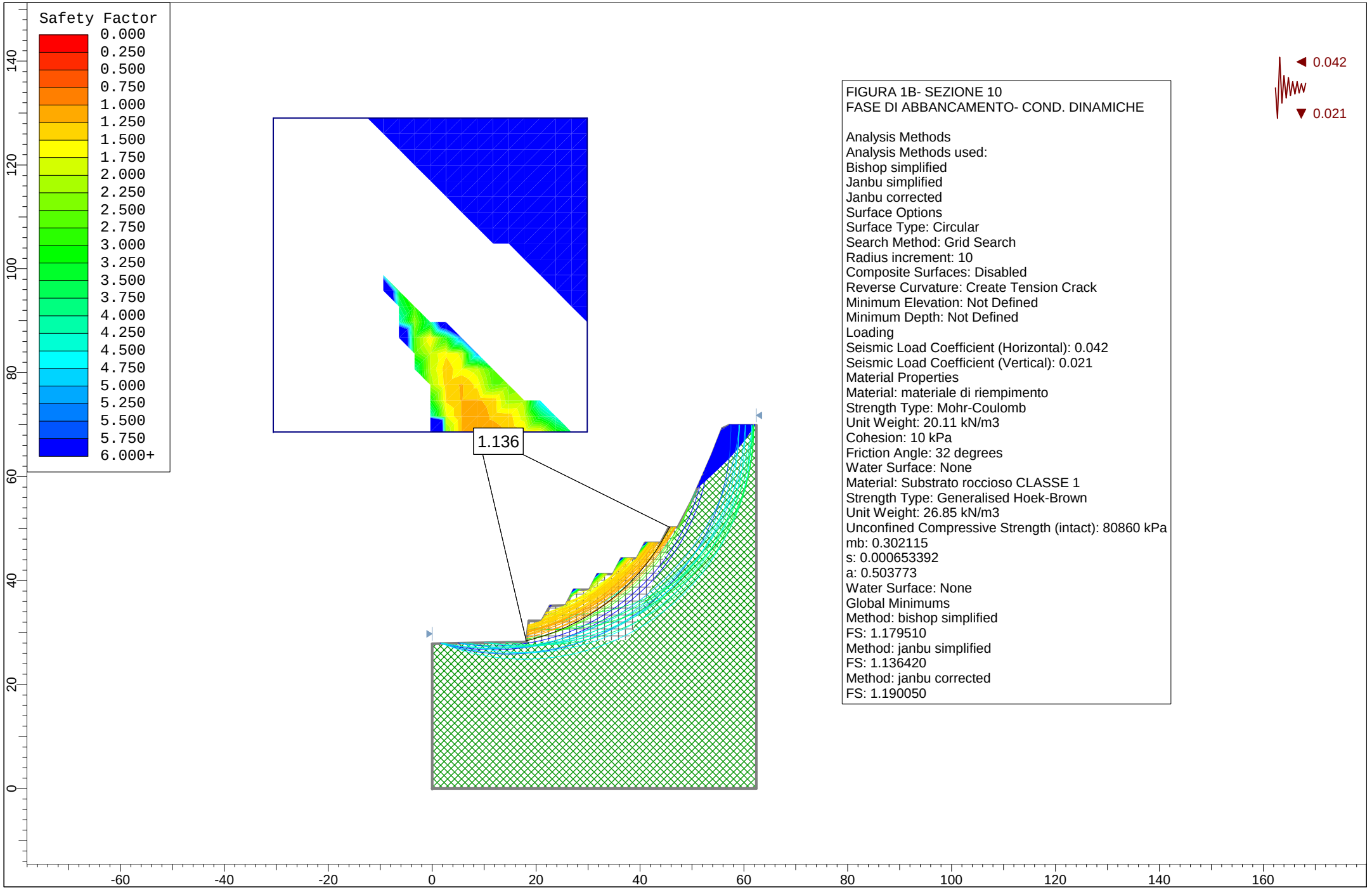

Safety Factor
0.000
0.250
0.500
0.750
1.000
1.250
1.500
1.750
2.000
2.250
2.500
2.750
3.000
3.250
3.500
3.750
4.000
4.250
4.500
4.750
5.000
5.250
5.500
5.750
6.000+
1.136
0.042
0.021
FIGURA 1B- SEZIONE 10
FASE DI ABBANCAMENTO- COND. DINAMICHE
Analysis Methods
Analysis Methods used:
Bishop simplified
Janbu simplified
Janbu corrected
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
Loading
Seismic Load Coefficient (Horizontal): 0.042
Seismic Load Coefficient (Vertical): 0.021
Material Properties
Material: materiale di riempimento
Strength Type: Mohr-Coulomb
Unit Weight: 20.11 kN/m3
Cohesion: 10 kPa
Friction Angle: 32 degrees
Water Surface: None
Material: Substrato roccioso CLASSE 1
Strength Type: Generalised Hoek-Brown
Unit Weight: 26.85 kN/m3
Unconfined Compressive Strength (intact): 80860 kPa
mb: 0.302115
s: 0.000653392
a: 0.503773
Water Surface: None
Global Minimums
Method: bishop simplified
FS: 1.179510
Method: janbu simplified
FS: 1.136420
Method: janbu corrected
FS: 1.190050
140
120
100
80
60
40
20
0
-60
-40
-20
0
20
40
60
80
100
120
140
160