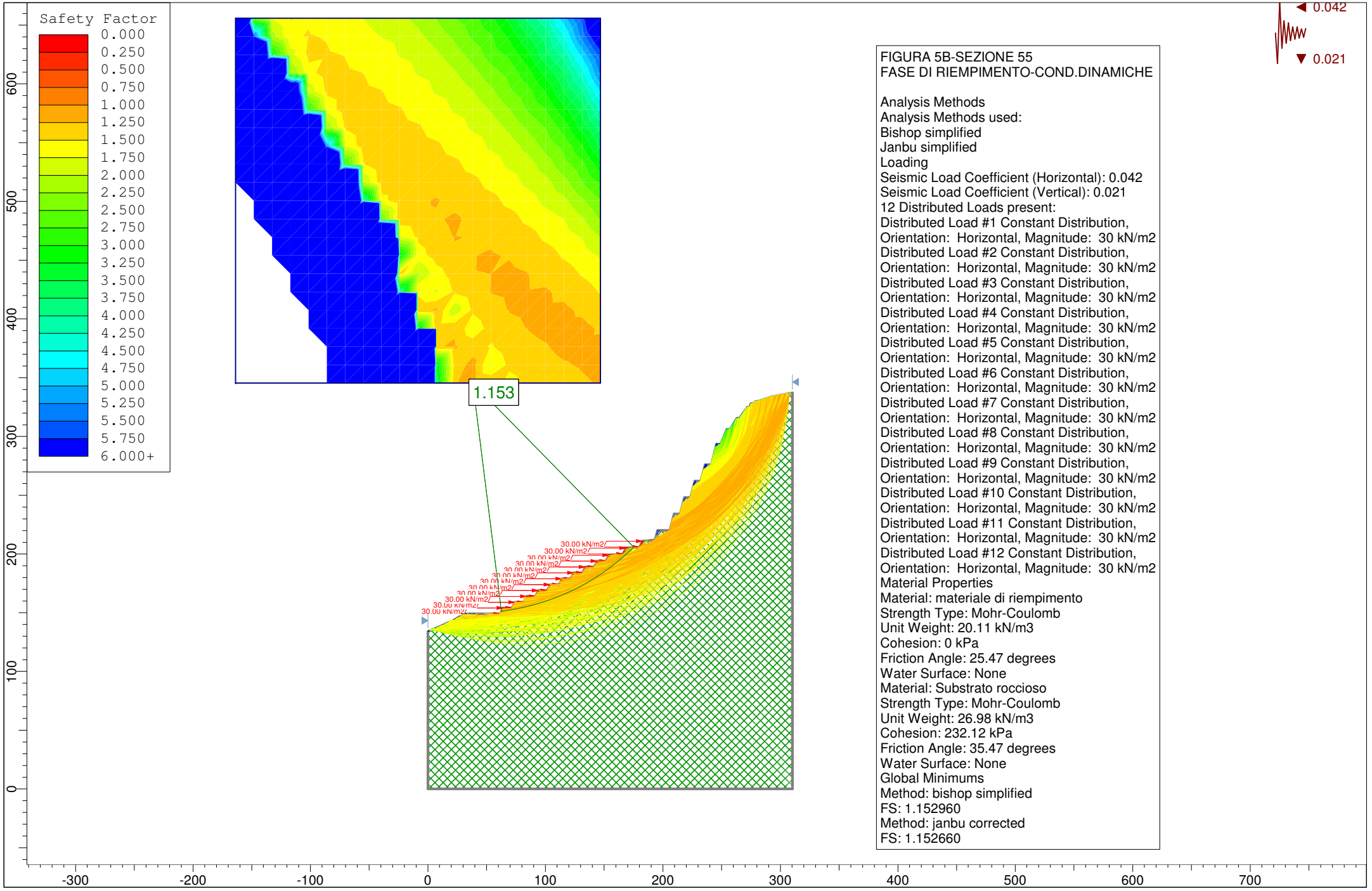

Safety Factor
0.000
0.250
0.500
0.750
1.000
1.250
1.500
1.750
2.000
2.250
2.500
2.750
3.000
3.250
3.500
3.750
4.000
4.250
4.500
4.750
5.000
5.250
5.500
5.750
6.000+
1.153
30.00 kN/m2
0.042
0.021
FIGURA 5B-SEZIONE 55
FASE DI RIEMPIMENTO-COND.DINAMICHE
Analysis Methods
Analysis Methods used:
Bishop simplified
Janbu simplified
Loading
Seismic Load Coefficient (Horizontal): 0.042
Seismic Load Coefficient (Vertical): 0.021
12 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
Distributed Load #11 Constant Distribution,
Orientation: Horizontal, Magnitude: 30 kN/m2
Distributed Load #12 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: 1.152960
Method: janbu corrected
FS: 1.152660
600
500
400
300
200
100
0
-300
-200
-100
0
100
200
300
400
500
600
700