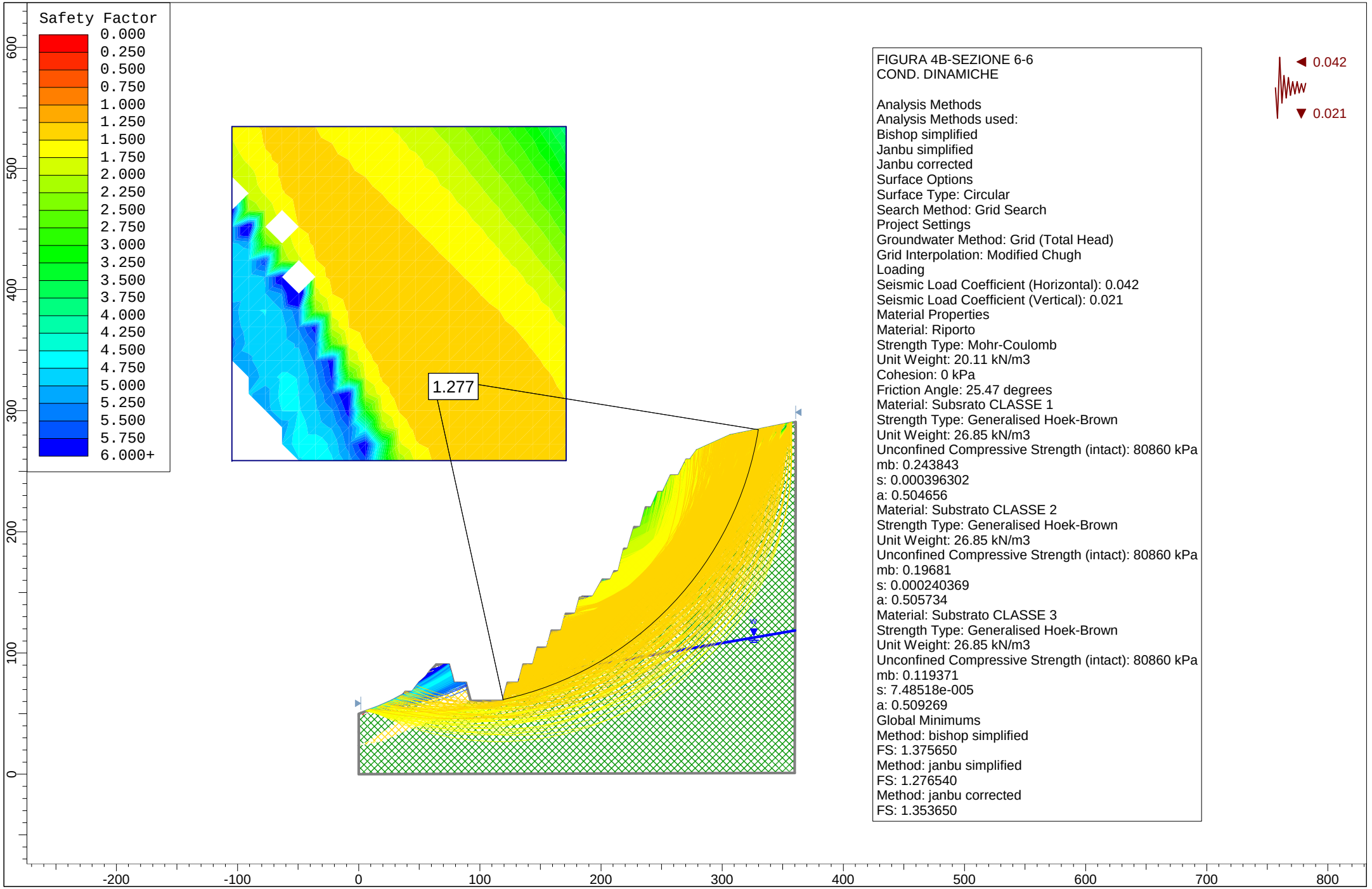

Safety Factor
0.000
0.250
0.500
0.750
1.000
1.250
1.500
1.750
2.000
2.250
2.500
2.750
3.000
3.250
3.500
3.750
4.000
4.250
4.500
4.750
5.000
5.250
5.500
5.750
6.000+
1.277
0.042
0.021
FIGURA 4B-SEZIONE 6-6
COND. DINAMICHE
Analysis Methods
Analysis Methods used:
Bishop simplified
Janbu simplified
Janbu corrected
Surface Options
Surface Type: Circular
Search Method: Grid Search
Project Settings
Groundwater Method: Grid (Total Head)
Grid Interpolation: Modified Chugh
Loading
Seismic Load Coefficient (Horizontal): 0.042
Seismic Load Coefficient (Vertical): 0.021
Material Properties
Material: Riporto
Strength Type: Mohr-Coulomb
Unit Weight: 20.11 kN/m3
Cohesion: 0 kPa
Friction Angle: 25.47 degrees
Material: Subsrato CLASSE 1
Strength Type: Generalised Hoek-Brown
Unit Weight: 26.85 kN/m3
Unconfined Compressive Strength (intact): 80860 kPa
mb: 0.243843
s: 0.000396302
a: 0.504656
Material: Substrato CLASSE 2
Strength Type: Generalised Hoek-Brown
Unit Weight: 26.85 kN/m3
Unconfined Compressive Strength (intact): 80860 kPa
mb: 0.19681
s: 0.000240369
a: 0.505734
Material: Substrato CLASSE 3
Strength Type: Generalised Hoek-Brown
Unit Weight: 26.85 kN/m3
Unconfined Compressive Strength (intact): 80860 kPa
mb: 0.119371
s: 7.48518e-005
a: 0.509269
Global Minimums
Method: bishop simplified
FS: 1.375650
Method: janbu simplified
FS: 1.276540
Method: janbu corrected
FS: 1.353650
600
500
400
300
200
100
0
-200
-100
0
100
200
300
400
500
600
700
800