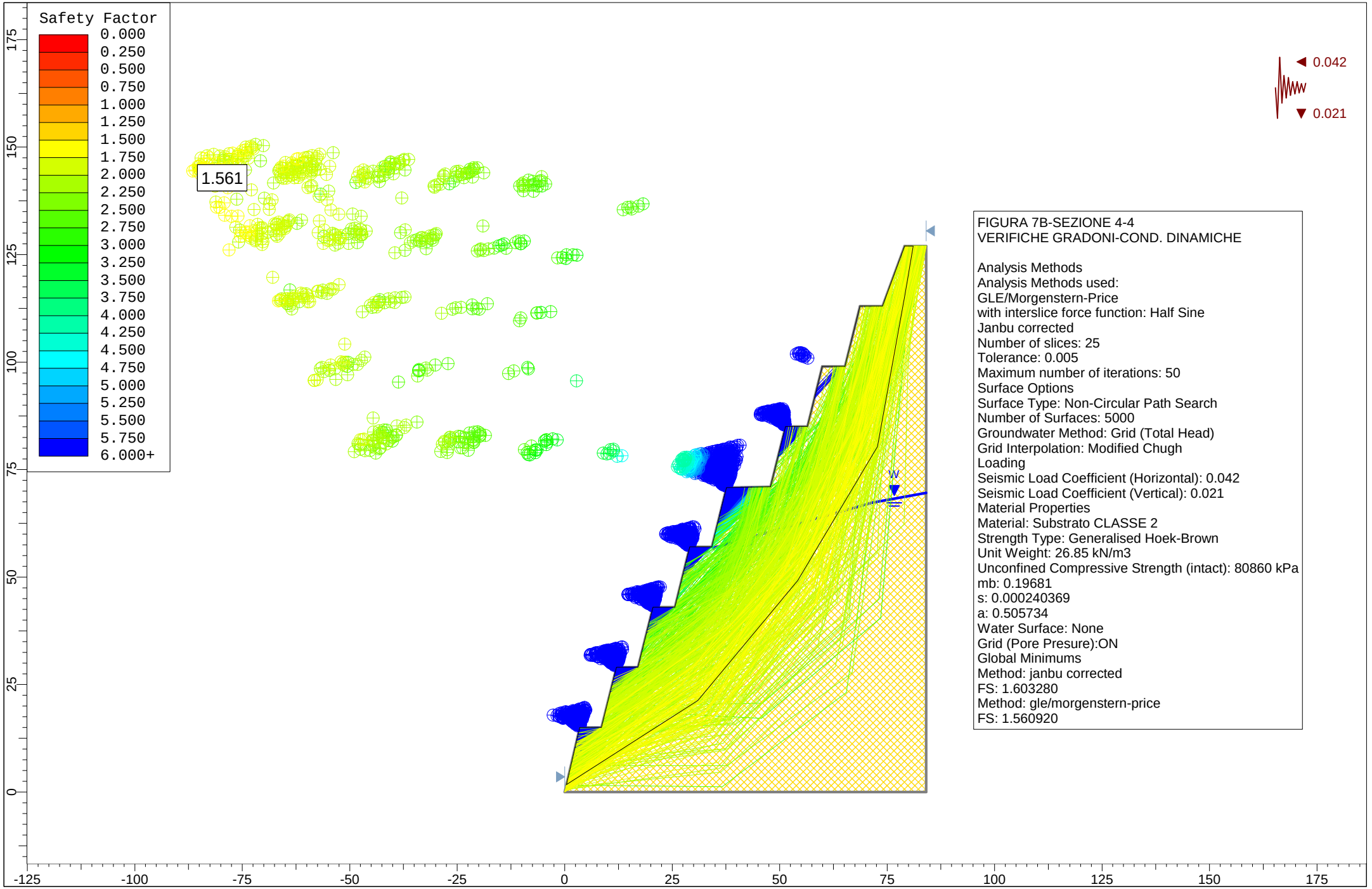


FIGURA 7B-SEZIONE 4-4
VERIFICHE GRADONI-COND. DINAMICHE

Analysis Methods
Analysis Methods used:
GLE/Morgenstern-Price
with interslice force function: Half Sine
Janbu corrected
Number of slices: 25
Tolerance: 0.005
Maximum number of iterations: 50
Surface Options
Surface Type: Non-Circular Path Search
Number of Surfaces: 5000
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: 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
Water Surface: None
Grid (Pore Presure):ON
Global Minimums
Method: janbu corrected
FS: 1.603280
Method: gle/morgenstern-price
FS: 1.560920