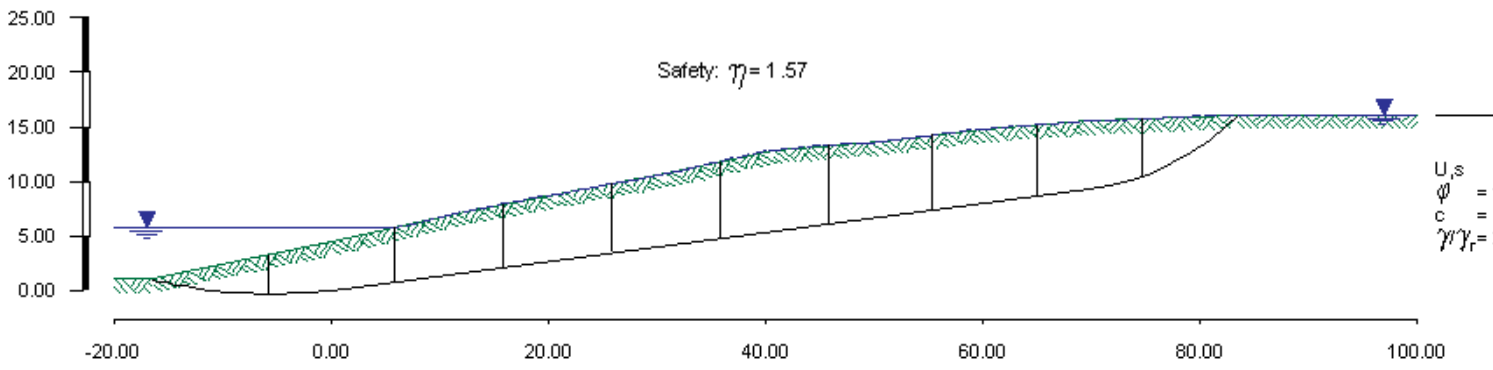


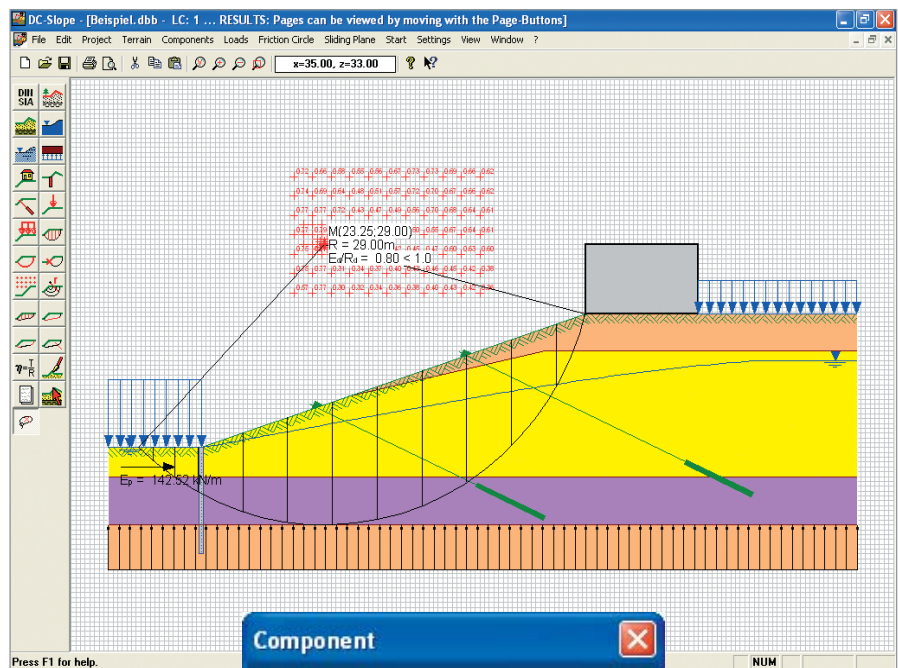
# Slope and Terrain Failure

## DC-Slope



Analysis according to Janbu

- Slope and terrain failure acc. to DIN 1054:2005, DIN 4084, SIA 267
- Analysis with partial safety factors or with global safety
- German, English, French program version
- Approach according to Krey-Bishop (friction circle) and Janbu (arbitrary slip planes)
- Free terrain and layer course
- Ground water and seepage course
- Different load cases with concentrated and distributed loads, dead and live loads
- Earthquake loads
- Consideration of anchors
- Optional iteration of the anchor lengths in order to obtain the required safety
- Application of buildings (weight) and components (shear force)
- Pore-water pressure and excess pressure
- Impermeable layers with artesian water pressure
- Iteration of center and/or radius, optionally with predefined range



Analysis according to Krey-Bishop

Component	
Initial coordinate (x)	10.000
Initial coordinate (z)	8.000
End coordinate (x)	10.000
End coordinate (z)	-3.000
Width (m)	0.500
Shear Resistance (kN/m <sup>2</sup> )	100.000
<input type="button" value="OK"/> <input type="button" value="Cancel"/> <input type="button" value="Help"/>	

Definition of components

- Automatic determination of the minimal safety
- Free lamellae arrangement
- Optional predefinition of a fixed point