035° NE

(a) Initial layer cake model at a constant thickness

0   1   2 km

-1200 m
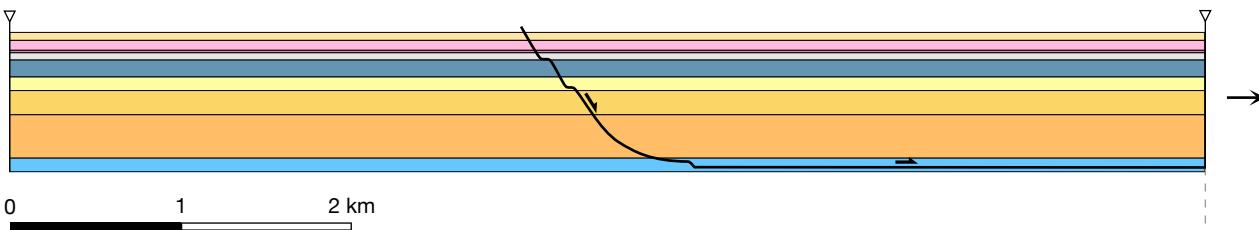
(b) Extensional phase and introduction of backthrust and shortcut thrust (E = 1.2 km, S = 0 km)

Syntectonic Units, eroded

Shortcut thrust   Backthrust

50 m
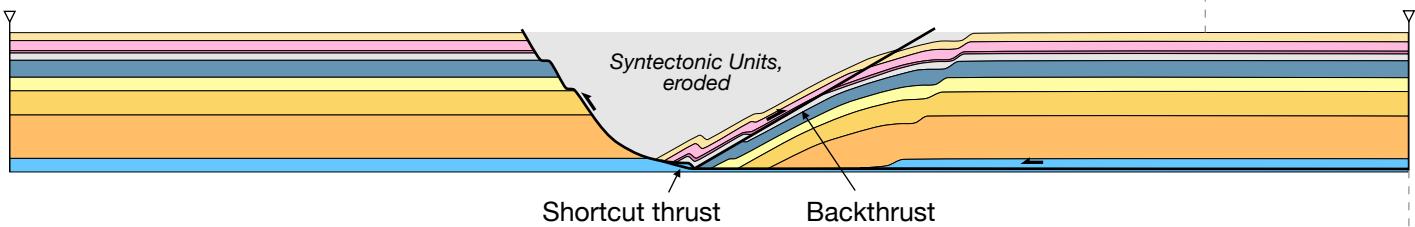
(c) Shortening phase with formation of Zechstein horse (E = 1.2 km, S = 0.05 km)

Zechstein horse

1050 m
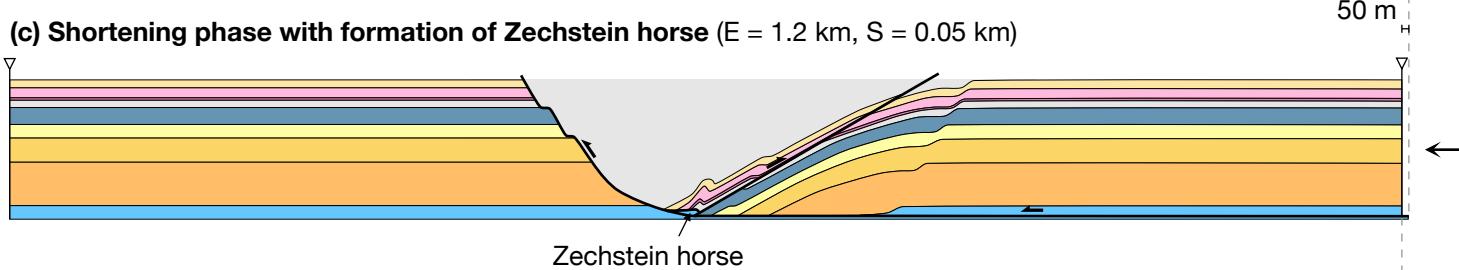
(d) Zechstein sliver is elevated to Upper Buntsandstein levels (E = 1.2 km, S = 1.1 km)

100 m
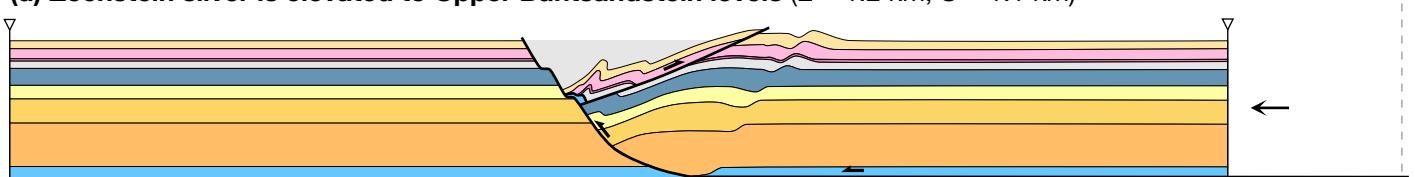
(e) Long-wavelength folding (E = 1.2 km, S = 1.2 km)
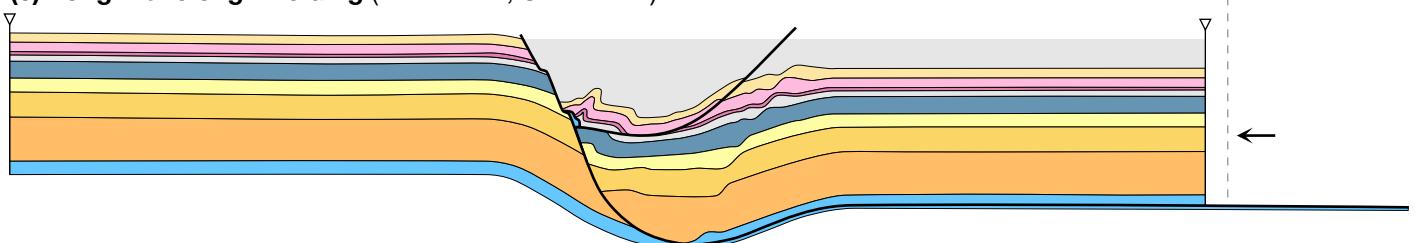
Keuper, lower

Muschelkalk
upper
middle
lower

Buntsandstein
upper
middle
lower

Zechstein