

Geological section

Brnany - Litomerice - Rydec

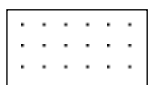
Legend:

Cenozoic:



basalts, trachytes and trachybasalts, tuffs

Mesozoic (Cretaceous):



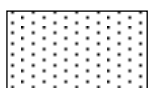
sandstone (Santonian)



Calcareous mudstone, marlstone (Coniac)



Marlstones (Turonian)



Sandstone (Cenomanian)

Palaeozoic (Permo-Carboniferous):



Red mudstones and siltstones (Line Fm.)



Grey mudstones (Slany Fm)



Arcoses, conglomerates and siltstones (Tyne Fm)



Grey siltstones and mudstones (Kladno Fm.)



Quartz porphyry

Plutons:

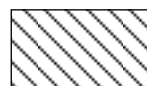


Granodiorite of Cambrian age (Cista-Jesenice Pluton)



Granodiorite of Variscan age

Metamorphic basement of the Tepla-Barrandian Unit:



Mica schist



Phyllite

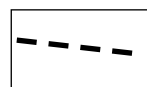


Gneiss

Matamorphic basement of the Saxothuringian Unit:



Gneiss



Faults