

The Röt profile of boring Dannheim 5 - a reclassification of the Röt Formation in Thuringia

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Abstract

The paper deals with the Röt profile of boring Dannheim 5 (location is shown in fig. 1, boring 23). Compared with other Röt profiles, a stratigraphical reclassification arises for the lower part of the Upper Buntsandstein. The profiles indicate clearly facial changing of the Röt formation in Thuringia which point to the activity of the East-Thuringian-Marginal-Area, to the Thuringian Basin, and patially to the Eichsfeld Swell and the Ruhla Swell.