

**Correlation of profiles of the Upper Buntsandstein in  
Thuringia and Saxony-Anhalt – a reply to SEIDEL (2014):  
“The Röt profile of boring Dannheim 5 - a reclassification of  
the Röt Formation in Thuringia”**

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**Abstract**

The correlation of the Sulfate 3 (Upper Bunter Sandstone) of the Querfurt Basin with the uppermost Röt 1 from Thuringia proposed by G. SEIDEL (this volume) is critically evaluated. On the basis of numerous lithological profiles and gamma-ray logs the established lithostratigraphic correlation between Saxony-Anhalt and neighbouring Thuringia is confirmed and the propositions made by SEIDEL are rejected. Primary fluctuations in thickness of stratigraphic units and secondary dissolution of halite and sulphate play an important role in comparing Upper Bunter Sandstone profiles from this region.