

Stratigraphy, Facies and Genesis of the Werra-Folge (Zechstein 1) in Thuringia

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Abstract

Werra-anhydrite and Werra-rock salt consist of six minor cycles which can be traced continuously from the interior of the basin up to its marginal area. The Werra-rock salt occurs in the cycles 2,3,4 or/and 5. With isopach maps the paleogeographic structures can be shown more precisely, and a new one (Apolda bay) is outlined. The existence of connecting lines between the individual basins are discussed as the fore-basin of the Thuringian Forest, the Werra-basin and the Franconian basin to the Thuringian- and the Hessian basins.