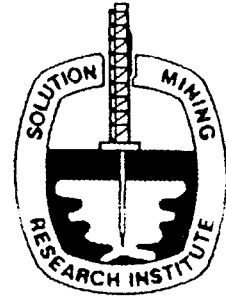


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**MEETING
PAPER**



**Concept of the Geotechnical
Stability Proof for the Carnalite
Rock Leaching Field Kehmstedt**

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0. Abstract

During the eighties in the Southern Harz mining district a solution mining method was developed. On the basis of geomechanical investigations and model calculations the authors prescribe the dimensioning concept which guarantees the stability and environmental compatibility of the mining procedure. In result there is the conclusion, despite of the high deposit exploitation the leaching of carnallite rock in Kehmstedt represents, in dependence of interior cavern pressure and residue filling, an ecological mining procedure with tolerable geomechanical loads.

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