

**Development of a mining damage analysis for
the „Gustav Adolf“ mine
near Trebendorf (Niederlausitz / Saxony)**

**C&E · Consulting und
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Project: Mine damage analysis, risk assessment,
remediation concept

Location: Trebendorf

Client: LMBV (Lausitz and Central-
German mining Administration
Company)
East Saxony

Beneficiary: LMBV(Lausitz and Central-
German mining Administration
Company)
East Saxony

Year: 2001

Project services:

- Layout technical and mine surveyed coverage of abandoned mines
- Determination of control points
- Drafting the **mine damage records**
- Analysis of historical and geo-physical investigation data
- Setting up of and mine work model and its calibration using the investigation results
- Derivation of fracture criteria
- Estimation and determination of risk potential segments
- Elaboration of the cavity balance
- Mining Assessment
- Recommendation for remediation, evaluation of remediation costs



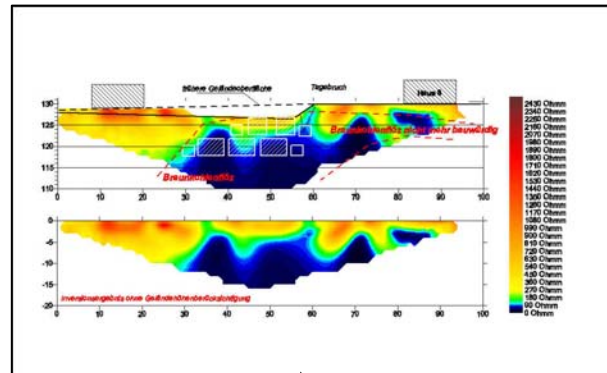
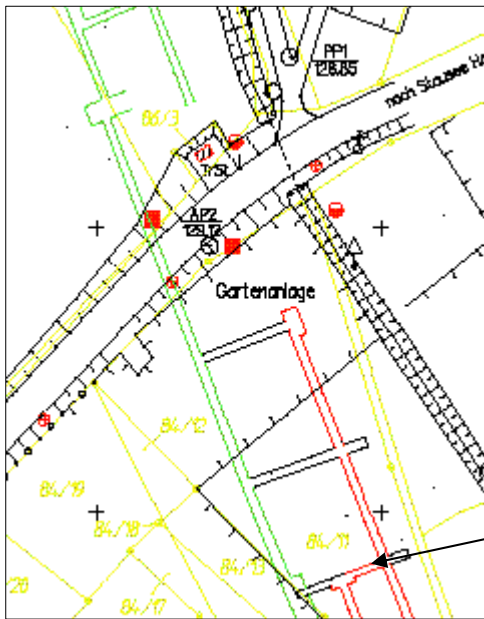
Mining surface today

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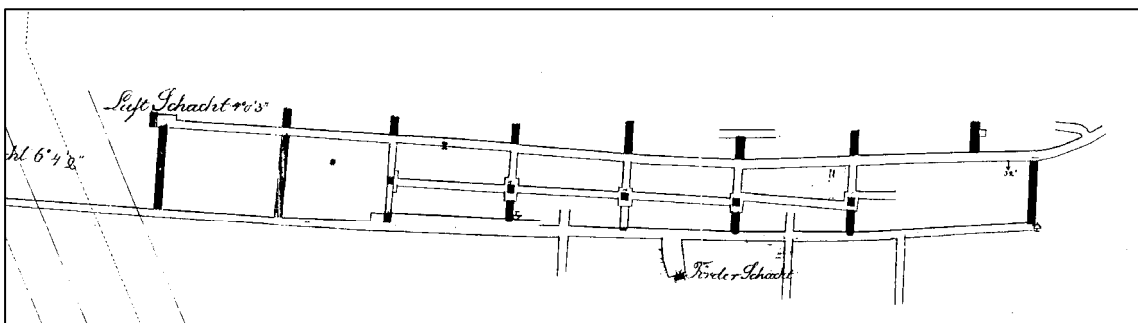
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Calibration of daily mine plot model at
open cast mining and geophysical
survey



Historical mine plot