

**Soil mapping
Undisturbed edge surfaces of lignite
open cast mines in Niederlausitz
and Middle Germany**

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Project objective:

Survey and evaluation of soil conditions of undisturbed edge surfaces with the objective of the appropriate, forestry subsequent land use

Location:

Brandenburg,
Saxony,
Saxony-Anhalt

Client:

LMBV mbH,
LAUBAG

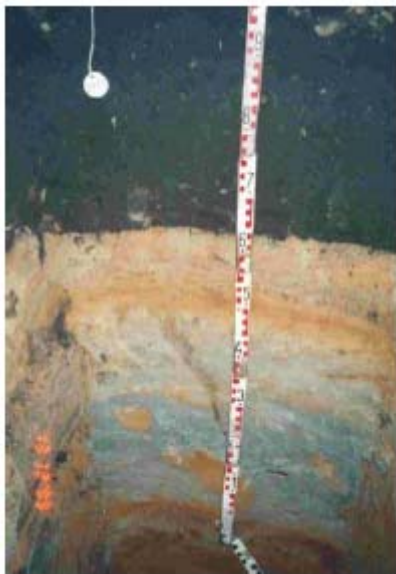
Year:

since 1993



Initial situation:

In the areas of both the active and the abandoned and rehabilitated lignite open cast mines there are numerous anthropogenic uninfluenced edge surfaces. Most areas should be forestry subsequent used. For this purpose the detailed site investigation is required.



Services provided:

- Soil mapping applying soil probe according to Dr. Pürckhauer within the scanning method
- Monitoring of soil conditions
- Selection, installation, documentation and soil sampling
- Technical analysis and interpretation of analytical results
- Detailed soil description (substrat, soil type) of different areas
- Derivation of appropriate evaluation criteria of the usage objective (soil value)
- Mapping of results (MICROSTATION or ArcView) and collection of basis data in ORACLE-data base