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DEVELOPER

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PROJECT

New construction of an S-Bahn tunnel in Leipzig city centre between Leipzig railway station and the Bayerischer Bahnhof station

- Underground electrified track connection, length approx. 3.5 km, of which approx 2.6 km worked systematically
- Two single-track tunnel pipes, external diameter 8.8 m, spacing 0.5-1 diameter
- 4 underground stations
- Tunnel construction over practically the entire length below the groundwater table
- Groundwater communications units during the construction period and as permanent installations

OUR SERVICES

- Groundwater monitoring
- Investigation of geohydraulic parameters
- Groundwater modelling to assess the effects of the construction measure on the geohydraulic conditions, multi-aquifer model of several quaternary and tertiary groundwater runs
- Planning recommendations to minimise influences on the groundwater regime
- Design and planning of groundwater communications units
- Application in relation to water laws
- Assessment of the influence of hydraulic banking on neighbouring construction

