

Stuttgart 21



Project description:

The railway project Stuttgart – Ulm includes the large-scale projects of Stuttgart 21 and construction of the new railway line Wendlingen – Ulm. During the official approval of plans procedure, the geological-hydrogeological situation as well as the foundation soil in the area of the planned railway station and tunnel tracks were investigated by means of more than about 1000 borings.

Services:

- Approx. 500 pumping tests
- Large-scale pumping test to plan dewatering of the construction area of the railway station
- Approx. 1500 borehole tests with packers down to 250 m depth (slug, DST, pulse)
- Sampling of natural gas from deep sandstone horizons by special packer system

Client benefit:

- On-site evaluation of test data to control the success of the tests
- No waiting times by simultaneous assignment of 13 survey crews



Project name:

Stuttgart 21

Country:

Germany

Project location:

Stuttgart, Baden-Wurttemberg

Client:

ARGE S21
c/o Terrasond GmbH & Co.KG
St.-Ulrich-Strasse 12 – 16
89312 Günzburg

Contact:

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Purpose:

Determination of geohydraulic parameters in loose and solid rock (Quaternary, Keuper, Muschelkalk)

Contract volume:

3,000,000.- € approx.

Project duration:

2002 - 2004

Field of services:

Infrastructure planning -
geohydraulics