

Raiseboring Bergwerk West, Pilot hole G 272



Scope of Work

- Construct a pilot hole, using a target bore system (diameter of 311 mm)
- Extension bore hole, depth 583 m with a diameter of 1.8 m

Client

RAG Aktiengesellschaft

Location

Kamp-Lintfort, Germany

Geology

Sandstone, arenaceous shale

Duration

02.2006 - 09.2006

Technical Data

- Depth: 583.0 m (pilot hole 12 ¼")
- Extension bore hole: 1800 mm
- Accuracy: 0.5 % referred to the length of the borehole
- Mechanical equipment: Drilling system Wirth HG-250, target bore system Micon RVDS

Special Features

- Achieved accuracy of +/- 30 cm
- Special roller cutters were used to complete 8 boreholes on time, despite very hard, abrasive layers of rock