Renewal of Nittel Tunnel, landslip protection

- Scope: 250,000 m³ soil / rock
- Significant movements due to carry-off of soil masses in early 1960s (foot layer of side slope reduced by 3,400 t)
- Raising of the water level of the Moselle by 4.5 m (increase)
- Settlement during B 419 widening, following poss. explosions at the Wellen lime extraction works

Our Services

- Investigations into the safe status of the Nittel landslip
- Devising a calculation model for recalculating the historic slip
- Devising a calculation model for a relevant cross-section in the pan area
- Agreeing the model and the calculation parameters with the Rhineland-Palatinate Land office for geology and mining
- Recalculation of the historic slip
- Calculating possible areas of slippage in the selected cross-section of the Nittel pan
- 3 core drillings with installation of inclinometers