DEVELOPER

NEA, Nepal Electricity Authority

PROJECT

Chameliya Hydroelectric Project

- 4,067 km long industrial water drainage level with depth of cover
- Tunnel cross-section 5.20 m
- Conventional mining advance heading with stabilization measures
- Shotcrete construction with concrete lining
- Stabilization problems due to pressure from rock cover
- Cross-section widened in large areas of the tunnel due to significant deformation, leading to ingress of water and sludge

OUR SERVICES

- Inspection of the proposed construction method and proposals for monitoring the pressure from the rock cover and the reprofiling works
- On-site analyses in a group of experts
- Optimisation proposals for the proposed repair works