

## Deep Excavation Specialists

Design and construction of deep excavations requires sophisticated application of the engineering art to provide a safe and economical solution. It requires understanding of geological challenges combined with the use of one of the many design methods available today.

Tonkin & Taylor's team of experienced geotechnical engineers specialise in complex soil structure interaction. This provides indepth support for engineering geology and other specialist fields related to deep excavations.

Our team can provide invaluable advice ranging from proven empirical solutions to the latest dynamic numerical methods. We provide services ranging from specialist analysis to detailed design focused on providing the most cost effective and appropriate solution for your structure.

### Expertise

Our expertise has been gained throughout New Zealand, South East Asia and the Pacific, working on:

- Urban basement construction
- Rail tunnels
- Road tunnels
- Hydro electric power schemes
- Road and rail projects
- Port and harbour developments
- Water supply
- Landslip remediation
- Cliff development.