



Tonkin & Taylor

Engineering Geology

Tonkin & Taylor's team of experienced engineering geologists specialise in the interpretation and assessment of geological processes, geological risks and ground conditions.

T&T is one of New Zealand's leading, specialist consultancies offering specialist engineering geological services.

Expertise

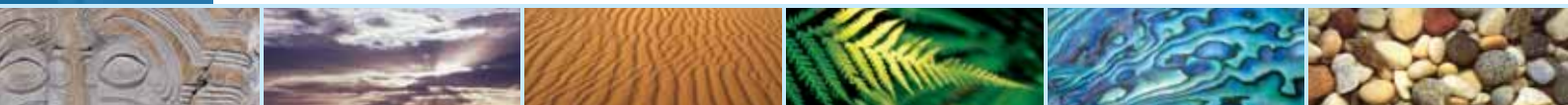
Our expertise has been gained working on projects throughout New Zealand, South East Asia and the Pacific, including:

- Site development projects (residential, commercial and industrial)
- Landslide assessments and remedial design
- Major infrastructure developments including hydroelectric power schemes, road and rail projects, port and harbour developments, water supply and solid waste (landfill) developments
- Tunnelling projects
- Quarries and opencast mining.

Working closely with the client and geotechnical, water, environmental and civil engineers, our engineering geologists provide essential inputs into the development of cost effective engineering solutions that meet client needs while reducing exposure to geological risks.

We can apply our expertise to meet specific engineering geology requirements including:

- Desk study site assessment
- Aerial photograph interpretation
- Site geology and morphological mapping
- Structural geological mapping
- Geological hazard identification and assessment
- Geological risk evaluation and management
- Site investigation, testing and sampling
- Groundwater and hydrogeological evaluation
- Slope stability assessment
- Soil and rock slope design
- Rock and soil materials assessment
- Tunnelling investigation and design
- Dam foundation investigation and design
- Quarry and opencast mine evaluation and design
- Slope and groundwater instrumentation and monitoring
- Assessment of effects on the physical environment
- Peer review.



ENVIRONMENTAL AND ENGINEERING CONSULTANTS