



**Tonkin & Taylor**

## Foundations for Industrial Developments

An appreciation of innovative foundation solutions and ground treatment options is critical to the successful outcome for today's industrial developments. Subsurface conditions are becoming more challenging and the need for specialist geotechnical expertise is critical to ensure appropriate solutions are applied.

Tonkin & Taylor's experienced geotechnical engineers specialise in innovative, foundation/ground treatment solutions. Key contacts are maintained with New Zealand's leading contractors providing an up to date understanding of the latest construction techniques available. This knowledge, coupled with our extensive geotechnical data base, enables us to provide concepts at an early stage.

T&T has a strong reputation for cost effective, practical, well engineered solutions for industrial developments.

- Preparation of tailored specifications
- Experienced construction supervision in specialist techniques.

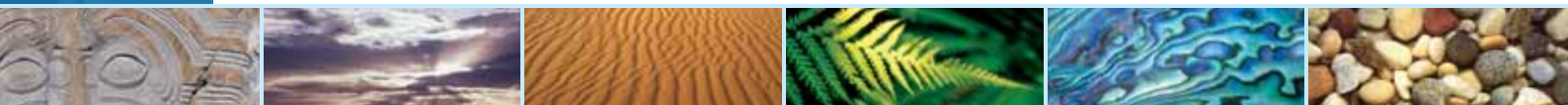
We work closely with market leaders in the structural engineering sector and, through these well established associations, have a sound appreciation of the design interface issues at foundation level.

Our team can provide important advice at the project inception stage and work closely with the project owners to identify ground risks at an early stage, enabling investigations to be focussed on determining feasible foundation solutions.

An ongoing role through the investigation, design and construction phases ensures the maximum benefits of T&T's specialist expertise are provided.

### Expertise

- Desk study and preliminary assessments of foundation and ground treatment solutions
- Site investigations, including specialist field and laboratory testing
- Assessment of appropriate shallow and deep foundation options
- Evaluation of ground treatment solutions (e.g. dynamic compaction, vibro-probe)
- Specialist analyses of heavily loaded floor slabs



**ENVIRONMENTAL AND ENGINEERING CONSULTANTS**