

Our laboratory and field testing services are critical components for the design and construction of mining, roads and infrastructure projects.



Construction Materials Testing

As a principal provider of Construction Materials Testing (CMT) throughout Australia, we are a trusted source in delivering efficient and accurate results.

A site evaluation from our soil technicians can identify and resolve potential building hazards by improving the quality and performance of your existing ground materials.

For bespoke, large-scale developments, we have the flexibility to work around your location.

Our laboratory teams and NATA accredited facilities are capable of shifting to temporary settings, ensuring that we can always adapt to any type of project.

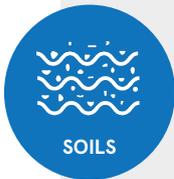
Our clients benefit from a streamlined experience, brought to life by our extensive range of equipment, custom built project management software and quality reporting and results.

Our Construction Materials Testing services include:

- Soils
- Concrete, grout and mortar
- Project site laboratories
- Compaction control
- Road pavement surfaces
- Aggregates



We're committed to the highest standards of health, safety & environmental management across all of our services:



SOILS

- Classification
- Chemical
- Compaction
- Permeability
- Strength & penetration
- Reactivity
- Stabilisation



COMPACTION CONTROL

- Field density
- Level 1 supervision
- GITA services
- Pavements & earthworks
- Asphalts



ROAD PAVEMENT & SURFACES

- Surface characteristics
- Structural tests



CONCRETE GROUT & MORTAR

- Consistence and Compressive strength
- Air content and MPUV
- Flexural & Tensile strength
- Chloride & sulfate content
- Round Determinate Panel (RDP) & Beams
- Concrete Permeability
- Chloride Diffusion - Nordtest 492 & 443
- Fibre content
- Resistivity & Thermal Expansion
- Sorptivity
- Drying Shrinkage
- Modulus of Elasticity



AGGREGATES

- Particle density & water absorption
- Particle size distribution
- Particle shape
- Aggregate strength
- Soundness
- Recycled Aggregates
- Contaminants
- Adhesion of aggregates & binders