

## ABOUT US

Mining One is an exciting team of highly experienced and professional mining, geotechnical geological and hydrogeological consultants offering excellence in service and commitment to their clients with high level strategic, hands on practical design and implementation.

Our well respected team has extensive industry knowledge and experience in a diverse range of disciplines.

With our engineering knowledge and skills using a variety of software packages we are able to provide safe, cost-effective and problem solving solutions which reduce mine operating costs, increase productivity and maximise economic extraction.

For more information on any of our services please visit at:

[www.miningone.com.au](http://www.miningone.com.au)

# Construction Material Testing



We provide a wide range of construction material testing services and run our own in-house NATA accredited laboratory - the only lab to have experienced geotechnical engineers on staff to review and discuss your results with you.

Mining One can provide you with a wide range of monitoring and testing services including:

## Services

- Level 1 testing and supervision
- Construction quality control testing
- Engineering certification
- Sample collection
- Fly-in Fly-out onsite lab

## Pre-Construction

- Soil and aggregate properties, gradings, Atterberg Limits, Compaction, CBR, Linear Shrinkage, permeability, Triaxial UU and Cu
- Rock mechanics: Point Load test, Unconfined Compression test, Triaxial, Direct Shear Test Geotextile: Pull out strength, material friction coefficient

## Post Construction Surveys

- Vibration monitoring
- Noise monitoring

## Projects

- Orica
- Myer Emporium
- Southbank Grand
- Hopkins Correctional Facility

## During Construction

- Service installations
- Open cut and deep excavation
- Trenchless technology
- Tunneling
- Road pavements
- Storm water management ponds
- Groundwater and surface water impact
- Inspection of suitable founding depth and capacity, shallow and deep foundations

## Other Services Include

- In-house NATA accredited geotechnical laboratory
- Pavement monitoring - supply and install of geotechnical and structural sensors, loggers and data analysis
- Level 1 earth works testing