



TAILINGS. WATER. WASTE.

# ASSESS YOUR GROUND PROTECT YOUR FUTURE

ATC Williams provides specialist geotechnical services to all industries across WA. The group also specialises in Tailings, Water and Waste in the mining and resources sectors.

## GEOTECHNICAL ENGINEERING EXCELLENCE

Protect your projects with innovative and quality geotechnical solutions.

- ✓ FEASIBILITY & DESKTOP STUDIES
- ✓ SITE INVESTIGATIONS
- ✓ ENGINEERING DESIGN
- ✓ FORENSIC INVESTIGATIONS
- ✓ CONSTRUCTION SUPPORT
- ✓ Ground Investigations
- ✓ Geotechnical Drilling
- ✓ Laboratory Testing
- ✓ Cone Penetration Testing
- ✓ Site Classification
- ✓ Pavements
- ✓ Groundwater
- ✓ Footings
- ✓ In-situ Testing
- ✓ Earthworks



OFFICES IN  
Melbourne, Brisbane,  
Perth, Hunter Valley,  
Sunshine Coast,  
& South America

**20** **500+**  
Principals **YEARS**  
*with a combined* of experience

**40 years**  
of civil & geotechnical  
engineering expertise

Over  
**500**  
**PROJECTS**  
worldwide



# OUR AGILE GEOTECHNICAL DNA

Our Perth based team are senior engineering specialists, with expertise in managing challenging sites. We promise to deliver fast and responsive geotechnical services, which are cost-effective and practical.

## INVESTIGATION SERVICES

Succeed from the start with site walkovers, geological mapping and geotechnical investigations for concept design and investigation planning

Gain peace of mind from detailed design specific investigations to provide realistic parameters when going to tender

All work is backed by NATA accredited laboratory

## DESIGN SERVICES

Water retaining structure design and audit

Foundation and retaining structure design

Pavement engineering

Soil and rock slope stability

Landslide risk assessments

Ground/soft soil improvement

Liquefaction assessments

Seismic hazard assessments

## TYPICAL GEO-HAZARDS WE INVESTIGATE AND SOLVE

- Identification of reactive soil formations and site classification to AS 2870
- Karst risk assessments developed upon topographical and site specific geophysical data
- Slope stability and landslide risk assessments and implementation of rectification works
- Assessment of mining induced subsidence and impact to site development
- Excavation condition assessment for rock sites and hard rock claims
- Seismic liquefaction potential through interpretation of exploratory hole and laboratory testing

Our clients are public and private land development, building, transportation, infrastructure and mining businesses. We partner with architects, planners, civil construction experts, mining and engineering consultants.



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