

Geotechnical Site Investigations



WML has experience across the geotechnical, civil, pavements and structural disciplines allows us to provide a fully integrated project approach. We are a highly capable company, drawing on local knowledge and expertise to consistently deliver quality outcomes over various industries from residential and multi-storey commercial to infrastructure and mining.



Geotechnical Site Investigations

WML provide ground investigation services for a wide range of sectors and industries. These include; highways, railways, bridges, commercial/residential developments, energy, dams, waste, solar, port, mining and industrial facilities.

At WML we work with our clients to produce an investigation that is tailored specifically for their site. We aim to always add value to any project where we can, we don't recommend extra testing or investigation unless it is necessary. Where geotechnical risk can be quantified or reduced by further investigation, we will work with you to help you define a scope that is best suitable for the project. We pride ourselves on our track record of recommending targeted specific laboratory testing and geotechnical analysis that costs a few thousand dollars but has resulted in construction savings of hundreds of thousands to millions of dollars.

Ground Investigation

Utilising different methods, WML can provide ground investigation services for:

- Site characteristics and development suitability;
- Bearing capacity and settlement analysis;
- Shallow footing, deep footing and pile design;
- Slope stability and remediation;
- Pavement designs;
- Temporary and permanent retaining walls;
- Temporary works including pile mats and crane pads; and
- Dams, pipelines and waste facilities.

Why settle for overly conservative 'guesstimated' parameters that may ultimately rule out construction options or result in excessive and unnecessary over design and cost when actual geotechnical design parameters can be obtained. Contact WML to talk through your project and see if we can unlock potential opportunities.

Services we provide

- Boreholes - drilling works supervision;
 - Cone Penetration Test (CPT) supervision and data interpretation;
 - Soil and rock logging;
 - Pavement dippings;
 - Test pits;
 - Geophysics;
 - In-situ permeability tests;
- and more.



Prior to attending site, our engineers conduct thorough desktop studies to ensure that when they arrive on site they are prepared for every possibility.



Our ground investigation services extend to the supervision and interpretation of drilling works and CPT.



Whether it is on the ground, on a slope or even off a barge, our engineers are dedicated to sourcing the information you need.



We log soil and rock to Australian Standard AS 1726:2017.

BUNBURY
(08) 9722 3544
PO Box 2023
Bunbury WA 6231
First Floor
62 Wittenoom Street
Bunbury WA 6230

KALGOORLIE
(08) 9021 1811
PO Box 10309
Kalgoorlie WA 6433
Suite 1
45 Brookman Street
Kalgoorlie WA 6430

PERTH
(08) 9722 3566
Level 3
1 Prowse Street
West Perth WA 6005

wml.com.au
wml@wml.com.au



WML
CONSULTING ENGINEERS

| ISO 9001 | ISO 14001 | ISO 45001 |