

WML offer an integrated in-house Geotechnical and Geoenvironmental advisory service to complement our Civil and Structural engineering consultancy

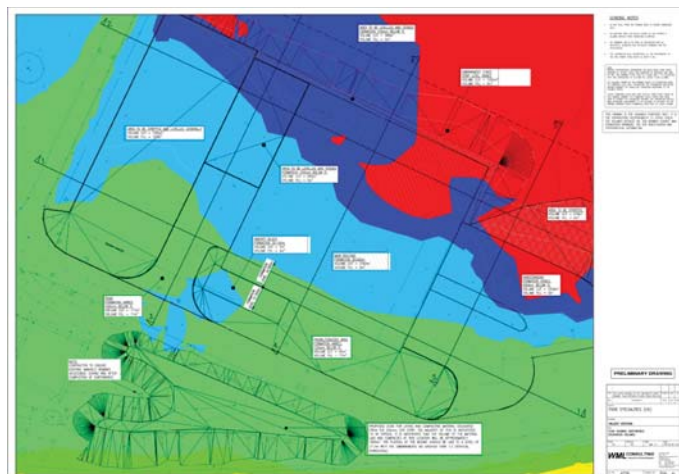
In addition to providing a stand-alone service on all ground related issues, WML's Geotechnical and Geoenvironmental team work alongside our experienced Structural and Civil Engineers to offer bespoke one-stop engineering and environmental solutions to site development projects.

By applying this integral approach, we provide cost-effective, sustainable and value engineered solutions.

Our comprehensive ground related consultancy services include:

## Geotechnical

- Geotechnical Desk Studies
- Site investigation design and management
- Foundation and substructure appraisal
- Slope stability analysis
- Mining investigation and mine treatment advice
- Ground treatment/improvement advice and specification
- Earthworks design and specification
- Optimal cut and fill mass balance analysis
- Ground subsidence investigation and analysis
- Foundation and substructure failure analysis
- Ground settlement analysis
- Instrumentation design and monitoring
- Groundwater control advice
- Rock slope engineering analysis
- Highway pavement design



## Geoenvironmental

- Phase 1 Geoenvironmental Audits (Desk Study)
- Phase 2 Geoenvironmental Investigation and Generic Risk Assessment
- Detailed Quantitative Risk Assessment modelling
- Ground gas risk assessment
- Remediation Options Appraisal
- Remediation design and management
- Site verification and validation services
- Regulatory processes
- Environmental Impact Assessment input and management
- Construction Waste Management



Through our close links with other professional disciplines, we can offer bespoke engineering and environmental solutions such as:

- Site development feasibility studies
- Pre-purchase and divestment due diligence audits
- Pre-planning audits and compliance
- Pre-tender assessment and design
- Development abnormalities scheduling and costing
- Engineering options appraisals
- Substructure cost benefit analysis
- Sustainable waste soil management and minimisation solutions
- Cost effective brownfield development solutions
- Regulatory compliance and consultation