

CAPABILITY STATEMENT



**GEOTECHNICAL ADVISORY &
INTERPRETIVE REPORTING**

YARRA GEOTECHNICS

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Geotechnical Advisory and Interpretive Reporting

Your project lifecycle starts well before construction begins.

Whether the site is an undeveloped "green field" or an existing development, our advisory services are designed to assist our clients in making well-informed decisions.

Our leadership team brings a wealth of expertise leading geotechnical consultancy teams in development of geotechnical interpretive reports, geotechnical ground models, technical specifications and concept to detailed designs, serving clients across building, municipality, water, transportation, energy and renewable energy markets.

This diverse experience forms the foundation of our ability to effectively support clients with reliable, innovative and cost-effective solutions.

Our extensive experience working with a wide range of geological conditions across Victoria allows us to effectively manage ground-related risks while capitalizing on opportunities unique to each project.

This approach offers our clients reliable engineering judgment, essential for addressing the uncertainties inherent in the physical, strength, and stiffness properties of soil and rock.

By avoiding overly conservative solutions, we deliver thoughtful, practical, and cost-effective strategies tailored to the specific challenges of each project.

Our geotechnical advisory and interpretive reporting includes below services:

- Due diligence and risk assessment to select the right site for your project considering environmental and geotechnical risks
- Scoping the site investigation, sampling and laboratory testing for the site-specific geological risks, proposed structures, and scope of development
- Geotechnical interpretive reports, supporting multidisciplinary design of building, water, rail, road, aviation, power, and renewable energy infrastructures
- Concept options assessments to support assets' management and remediation of water, rail, and road infrastructures
- Strategic concept reports to support funding submissions for disaster relief events
- Optioneering, constructability and Safety in Design (SiD) risk assessments
- Geotechnical tender advice
- External review of geotechnical reports, design procedures, and quality management throughout the project lifecycle