



CAPABILITY STATEMENT

CONSTRUCTION PHASE SERVICES (CPS)

YARRA GEOTECHNICS

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**YARRA
GEOTECHNICS**

Construction Phase Support

Geotechnical construction phase support plays a critical role in ensuring the successful execution of urban and greenfield infrastructure. This specialized support includes on-site geotechnical inspections, real-time problem-solving, and quality assurance to confirm that construction activities align with the project's geotechnical design and specifications.

From monitoring ground conditions and verifying foundation installations to ensuring proper compaction and slope stability, our geotechnical expertise helps mitigate risks and address challenges as they arise.

By providing proactive guidance and ensuring compliance with design parameters, we help our clients achieve safe, efficient, and cost-effective outcomes throughout the project life cycle.

Our leadership team brings a wealth of expertise in construction supervision, quality assurance, and geotechnical consultancy across diverse markets, including building, transportation, and energy. This diverse experience forms the foundation of our ability to effectively support clients during the construction phase, ensuring their projects are delivered to the highest standards.

Our construction phase support includes below services:

- Temporary shoring design and review
- Working platform design and certification
- Pile construction verification and bearing capacity assessments
- Foundation design and inspections
- Earthworks and materials management
- Slope and batter assessments
- Ground treatments
- Level 1 and 2 earthworks assessment
- Pile platform and crane pad assessments and design
- Earthworks proof rolling and ground improvement assessments
- Dynamic Cone Penetrometer (DCP) testing
- Plate Load Testing (PLT)
- Specialist Engineering Assessment Reports
- Advice on economical reuse of marginal material
- Soil nail installation and testing
- Ground anchors' installation and testing
- Axial and lateral load-displacement test of driven piles for solar farms

Social Impact