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 **VOLTA**
PILING AND FOUNDATIONS

HPM 180+

CAPABILITY STATEMENT

PILING & FOUNDATION SOLUTIONS

 **VOLTA**



COMPANY OVERVIEW

Volta Piling partners with EPCs, Tier 1 contractors and asset owners to deliver specialist piling and foundation solutions for transmission infrastructure, substations, BESS, renewable energy and major civil projects.

Volta understands the programme, access, ground and constructability risks that sit behind piling packages. We focus on resolving these risks early through practical methodology, engineering input and clear delivery planning before works commence on site.

Volta combines practical delivery experience with in-house engineering capability to support projects from early tender development through to construction and final handover.

Built on more than 50 years of combined industry experience, Volta delivers complex foundation packages across Australia's infrastructure and energy sectors. We provide technically sound, commercially practical solutions that improve programme certainty, reduce delivery risk and support successful project outcomes.

PILING SERVICES AND CONSTRUCTION CAPABILITY

Volta delivers complete piling and foundation packages, with capability across:

- Bored piles / drilled shafts up to 3.0 m diameter and depths of up to 50m
- CFA piles, driven piles, micropiles and sheet piling
- High-strength rock drilling
- Temporary casing, polymer support fluid and groundwater inflow management
- Difficult ground, including collapsing soils and variable geotechnical profiles
- Stub, connector and holding-down bolt installation, including survey coordination and tolerance management
- Above-ground pile extensions and minor pile cap works associated with piling packages
- Reinforcement cage prefabrication and installation
- Concrete supply coordination, placement and testing
- Design & Construct foundation packages
- Pile testing, QA documentation and certification support
- Remote and regional project delivery

Every project is reviewed against its specific geotechnical conditions, access constraints and programme requirements to adopt the right construction methodology.



ENGINEERING-LED DELIVERY

The greatest opportunity to reduce foundation risk occurs before construction starts.

Volta works with project teams during tender and pre-construction to identify construction risks early, optimise foundation methodologies and develop practical delivery strategies that improve programme certainty.

Our support includes:

- Constructability reviews
- Value engineering
- Foundation methodology development
- Geotechnical interpretation
- Rock drilling strategy
- Temporary casing and groundwater methodology
- Working platform and access assessment
- Reinforcement optimisation
- Remote logistics planning
- QA and testing strategy
- Pile design and D&C certification where required

Early engagement enables informed decisions that reduce commercial risk, minimise variations and improve construction outcomes.

WHY CHOOSE VOLTA?

WE ARE RESPONSIVE.

Clients deal directly with experienced decision-makers, enabling faster technical reviews, quicker commercial responses and collaborative project delivery.

WE UNDERSTAND PROJECT RISK.

Our experience extends well beyond installing piles. We understand how foundations influence programme, temporary works, logistics, concrete supply, reinforcement, QA and commercial outcomes.

WE ENGAGE EARLY.

Volta supports early budget pricing, tender methodologies, alternative foundation options and formal Design & Construct submissions. By contributing during tender development and pre-construction, we help identify delivery risks before they become costly site issues.

WE COMBINE ENGINEERING WITH CONSTRUCTION.

Our team bridges design, estimating and project delivery, allowing decisions to be made with practical construction outcomes in mind. With strong in-house design capability, we work through constructability challenges while ensuring the design intent is maintained.

WE ARE BUILT FOR THE ENERGY SECTOR.

Transmission, substations, BESS and renewable infrastructure demand disciplined planning, technical capability and reliable execution. Volta has been established specifically to support these sectors.





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