



GSNE SERVICES PTY LTD

SOLUTIONS THAT LAST

ENGINEERING • RESEARCH • ENVIRONMENTAL • HAZMAT • CONSTRUCTION MATERIAL LABS • EXCAVATION •
DRILLING • ASBESTOS LABS • DEMOLITION • REHABILITATION • CIVIL WORKS • RECYCLING • ENERGY • MINING

CAPABILITY

STATEMENT

2025

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CAPABILITY STATEMENT

VISION STATEMENT

GSNE Services aims to become the premier people's choice for environmental, geotechnical engineering and laboratory services throughout Australia with a large network of offices and information links throughout the world.

The intrinsic value of the group is to provide to its client's customer service that exceeds expectations and thus building unparalleled value creation and loyalty Our primary aim is to problem solve.....!



CAPABILITY STATEMENT

INTRODUCTION

At GNSE Services Pty Ltd, we take pride in delivering high-quality environmental and geotechnical engineering services tailored to meet the unique demands of your projects. As a trusted consulting firm, we specialize in providing innovative and reliable solutions to ensure the safety, stability, and sustainability of your developments.

Primary services that are provided are:

- Environmental Consultancy Services
- Environmental Remediation and Clean-up Services
- Geotechnical Engineering Consultancy Services
- Geotechnical Engineering Design and Modelling
- NATA Registered Laboratory Soil Testing

GSNE Services has combined these business units to provide an *integrated project management service* at the one contact point.

CAPABILITY STATEMENT

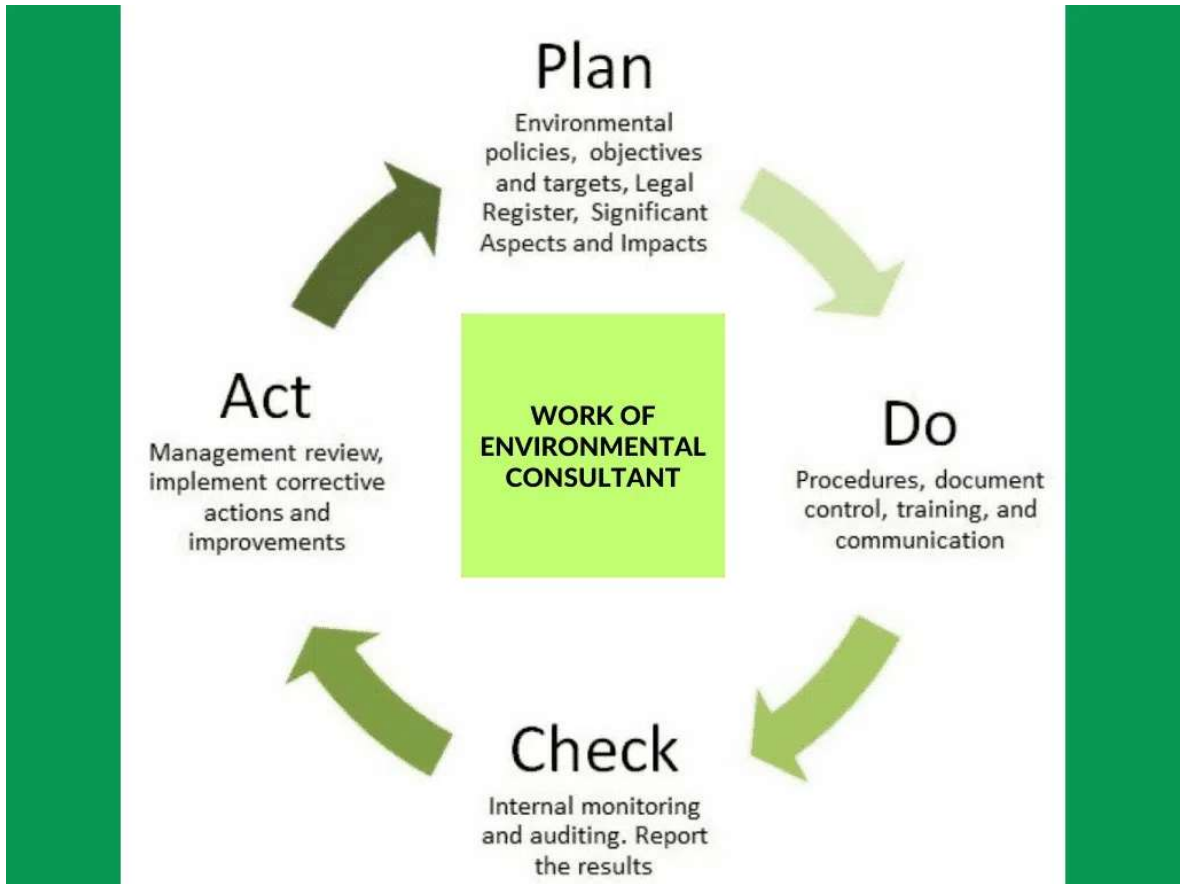
ENVIRONMENTAL SERVICES

Environmental Services involve all aspects of land, air and water-based pollution and the effective identification, delineation and remediation of this pollution. The Environmental Group has extensive experience both in Australia and overseas for environmental services and training of field personnel, management of contractors and emphasis on site specific environmental solutions.

We are pleased to highlight the following key services we offer to support your upcoming projects:

- Preliminary Site Investigations
 - Detailed Site Investigations
 - Remediation Action Plans
 - Remediation and Validation Reports
 - Groundwater and Piezometer Investigations and Services
 - Waste Classifications
 - NSW EPA Exemptions
 - Excavated Natural Materials
 - Virgin Excavated Natural Materials
 - Acid Sulphate Soils
 - Long-Term Environmental Management Plans
 - Construction Environmental Management Plans
 - Targeted Investigations
 - Baseline Investigations
 - Due Diligence
 - Water Monitoring
 - UPSS Exemption Requirements
 - Soil Gas Survey
 - Dust, Noise & Vibration Monitoring
 - Litigation Support, Regulatory Controls and Expert Testimony
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CAPABILITY STATEMENT



CAPABILITY STATEMENT

GEOTECHNICAL ENGINEERING SERVICES

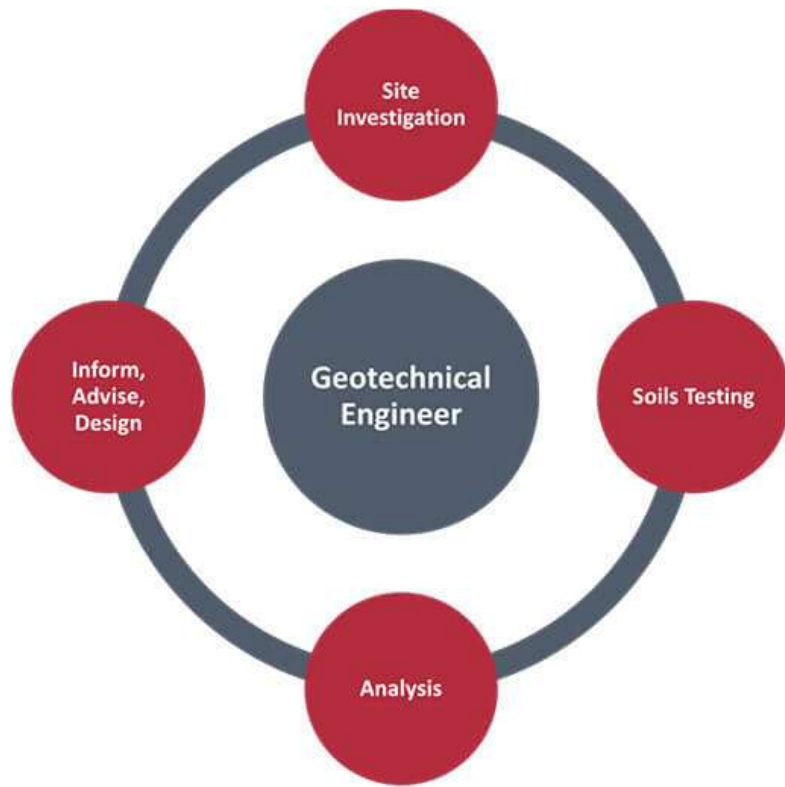
The Geotechnical Service predicts and monitors the use of earth materials and provides professional geotechnical engineering services in conformance with the needs and requirements of our clients.

We are pleased to highlight the following key services we offer to support your upcoming projects:

- Piling Design – Customized deep foundation solutions for various ground conditions.
 - Retaining Structure and Shoring Design – Expertise in sheet piles, lagging walls, soldier piles, CMT walls, gravity walls, shotcrete, soil nailing, ground anchors, bracing systems, props, struts, and walers.
 - Temporary Works Assessment – Evaluation of trench stability, temporary shoring, slope stability, bearing capacity, and platform design for construction safety.
 - Specialist Engineering Assessment (SEA) Reports for Sydney Water Assets – Compliant and detailed assessments for infrastructure projects.
 - Water Seepage Analysis & Dewatering Management – Mitigating water-related risks during excavation and construction.
 - Dewatering Hazard Effect Analysis – Assessing potential impacts of dewatering on adjacent structures.
 - Finite Element Method (FEM) Analysis – Advanced soil-structure interaction modeling for complex geotechnical challenges.
 - Site Classification – Determining site suitability in accordance with Australian standards.
 - Flexible Pavement Design – Optimized designs for rural and urban roads based on Austroads guidelines.
 - Landslide Risk Assessment & Risk Management – Utilizing TfNSW Guide to Slope Risk Analysis (Version 4) and AGS2007 for slope stability evaluations.
 - Soil & Rock Properties Interpretation – Integrating in-situ and laboratory test data for accurate geotechnical characterization.
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CAPABILITY STATEMENT

Our team of experienced engineers is committed to delivering practical, cost-effective, and code-compliant solutions to enhance the success of your projects. We would welcome the opportunity to discuss how GNSE Services can support your specific needs.



MATERIALS TESTING SERVICES

Laboratory Group provides NATA registered fixed and mobile laboratories. These laboratories are equipped and resourced to carry out a comprehensive range of quality control tests for civil construction projects. The Geotechnical Side-service predicts and monitors the use of earth materials and provides construction control testing in conformance with the needs and requirements of our clients.

These laboratories are not for chemical/environmental purposes but for engineering projects.

We are pleased to highlight the following key services we offer to support your upcoming projects:

- Level 1 & 2 Compaction testing.
- Subgrade stabilization.
- Piling platforms.
- Benkelman beam testing.
- Proof roll inspection.
- Soil / Rock / Aggregate testing - California Bearing Ratio, Plasticity Index, Liquid Limit, Shrink swell, Emerson Class, Atterberg Limits, Particle Size Distribution etc.
- Concrete testing.



Accreditation for compliance with ISO/IEC 17025 - Testing

This document shall not be reproduced, except in full.

Accreditation No. 5452

CAPABILITY STATEMENT

CONTACT US

Should you require any further information or wish to schedule a consultation, feel free to contact:

Office 1300 137 038

Email GSNEServices@protonmail.com

Thank you for considering GNSE as your environmental, geotechnical and/or laboratory partner. We look forward to collaborating with you.

Mark Kelly

General Manager
