



PILBARA
GEOTECHNICAL
— & LABORATORY SERVICES

CAPABILITY STATEMENT

“*Locally Trusted*”

**Effective, fast and accurate results in
construction materials testing**





PILBARA GEOTECHNICAL

— & LABORATORY SERVICES

REGIONALLY TRUSTED AND CLIENT FOCUSED.

Pilbara Geotechnical & Laboratory Services was formed in 2020 and has base laboratories in Paraburdoo and Karratha, Western Australia. Providing accurate and reliable geotechnical testing for civil infrastructure and mining projects across the Pilbara.

Supported strongly by Western Geotechnical & Laboratory Services and ARC Laboratory Services for all Construction Testing needs outside of our scope of testing to which we consider our local knowledge of logistics and project requirements to be one of our core strengths of which helps us deliver your needs.

EXPERTS IN

REMOTE SERVICES CONCRETE TESTING SOIL TESTING

We are committed to delivering testing results to improve project outcomes with confidence.

**Efficient and quality service,
guaranteed.**



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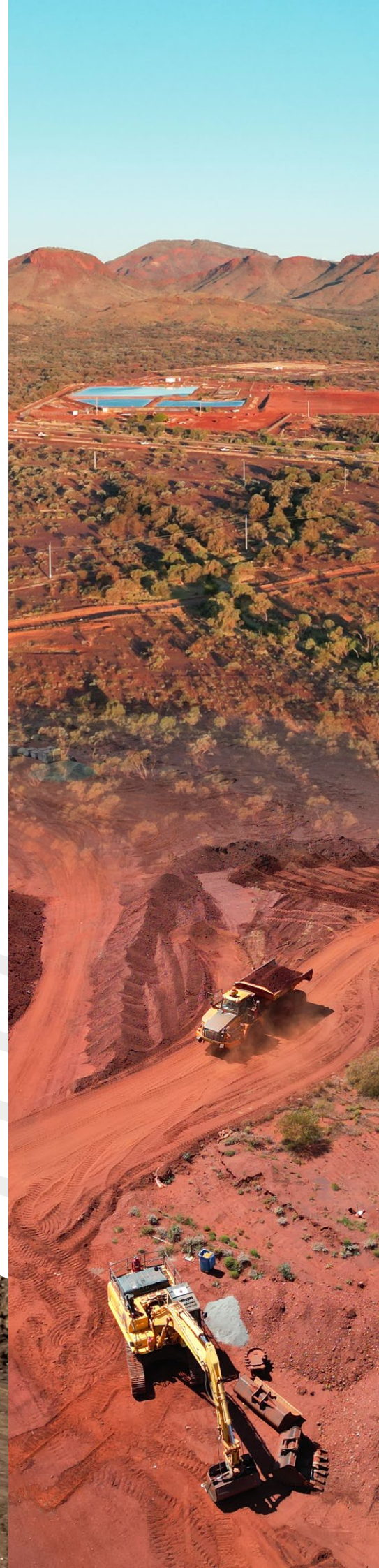
REMOTE SERVICES

Pilbara Geotechnical & Laboratory Services are your locally trusted remote service providers. We cater to the vast demands of our clients' expectations in some of the most remote and challenging locations.

Our NATA accredited laboratories offer field testing, on and off-site laboratory testing for compaction control, classification, concrete and aggregate testing.

We have demonstrated success with mining based TSF upgrades, bulk earthworks, construction of tailings dams, mining haul roads, private and regional airports, road construction and upgrades, wind, salt and solar farms.

We have a large pool of resources, and our staff are trained to the highest level before being permitted to work in FIFO/DIDO environments. We can confidently meet any requirement and service outlook.





CONCRETE & AGGREGATE TESTING

AS 1012, 1141, ASTM, BS-EN AND ROAD AUTHORITY METHODS

Using high-end test equipment alongside custom-built curing and testing rooms, Pilbara Geotechnical & Laboratory Services can deliver test reports with expert accuracy. The testing covers a range of products including concrete, mortar, grout, and mix designs.

Our services include fresh concrete testing, and our in-house NATA Accredited services include:

CONCRETE

- Sampling and slumping of fresh concrete.
- Curing, Compression and Density
- Concrete Mix Designs
- Low Strength Backfill
- Mortar / Grout

AGGREGATE

- Bulk Density
- Particle Density
- Particle Size Analysis
- Particle Shape

In conjunction with **ARC Laboratory Services**, we can test all methods for AS 1141, AS 1012 and MRWA for Aggregate and Concrete Services, our logistics partners ensure highly efficient turnaround times for all testing with timely and professional reports.



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SOIL & FIELD TESTING

AS 1289, STATE ROAD AUTHORITY METHODS

Our laboratory construction materials testing scope of general classification, strength and compaction testing in accordance to AS 1289, MRWA, ASTM and many more standards includes but isn't limited to:

SOIL TESTING

- Compaction and CBR Testing
- Classification Testing including Particle Size Analysis and Atterberg Limits
- Our in-house services cover the basics of all Testing specifications, in conjunction with Western Geotechnical & Laboratory Services we can offer all other testing requirements including but not limited to
- Dispersion Testing – Emerson, Double Hydrometer and Pinhole
- Particle Density and Fine Particle Analysis using Hydrometer.
- Organic Content via Loss on Ignition and Organic Matter
- Chemical Aggressivity – pH, Sulphate and Chlorides
- Electrical and Thermal Resistivity
- Maximum Dry Compressive Strength and Unconfined Compressive Strength of Soil
- Permeability and Shrink Swell

And lots more!

FIELD TESTING

- Nuclear Density Testing – AS and MRWA
- Dynamic Cone Penetrometer
- Perth Sand Penetrometer
- Plate Bearing Test
- Concrete Sampling and Slump Testing
- Pavement Layer Thickness / Dipping

And lots more!



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Contact Us

For more information and for all your testing needs contact our team no matter how big or small your requirements. Please contact Pilbara Geotechnical & Laboratory Services.

Phone: 08 9472 3465

Email:

karratha@pilbaragls.com.au for all Karratha / Pilbara Coastal testing enquires.

paraburdoo@pilbaragls.com.au for all Paraburdoo / East Pilbara testing enquires.

operations@pilbaragls.com.au for all pricing, technical and remote service enquiries.

Address:

Lot 19, Turee Way Paraburdoo WA 6754

15B Crane Circle, Pegs Creek (Karratha) WA 6714

Respecting the custodians of the land

Respecting the custodians of the land Pilbara Geotechnical & Laboratory Services acknowledges the Traditional Custodians of the land that is proposed to be worked on, and we pay our respects to their Elders past and present. We extend that respect to Aboriginal and Torres Strait Islander peoples on the Land, and throughout this great nation.

pilbaragls.com.au