



ROADLAB

Geotechnical and Roadworks Investigations Since 1965



Build With Confidence

Roadlab has supported award-winning wind and solar farms, facilities, civil projects and national roads across the country through decades of on-site investigations and laboratory tests.

Our accredited facilities and experienced personnel offer accurate site evaluations for those beginning a project as well as a range of comprehensive failure investigations.

In addition to our world-class geotechnical investigations, we offer our unique expertise in soils, aggregates, asphalt, concrete - all the aspects of major and minor construction that impact the success of your projects, in the short and the long term.

The technicians we deploy to your site are supported by our national network of specialist technologists, geotechnical experts and multi-disciplinary technical personnel.

We see the whole picture. With us, you will too.

Contact Us Today

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roadlab.co.za/services/geotechnical-road-investigations

Roadlab is a level 1 BBBEE contributor with accredited SANAS 17025 (2017) laboratories.

Foundation Investigations

Get a meaningful understanding of your project's foundations.

We can sample and assess your soil for strength and composition, determine how your foundation will react to change over time and provide all the data required for your designs and structural plans.

We offer Dynamic Cone Penetrometer (DCP's), Deep Probe Superheavy (DPSH's) and a range of sampling, profiling and testing services.



Dolomite Stability Investigations

Dolomite instability is an existential threat for any project.

We can assist in the mitigation of this risk by providing critical geotechnical data through geophysical surveys, rotary percussion drilling, subsurface profiling, test pit excavation, augering and comprehensive reporting.



Road Investigations

Avoid costly variations in composition, stability and strength while ensuring the quality of new or old pavement designs.

We offer centreline investigations for proposed road alignments, rehabilitations, upgrades or failure assessments. We also conduct DCP's, densities and wide a range of strength, roughness, rideability, deflection response, environmental resilience and integrity testing.

ROAD DATA



Borrowpit Investigations

Through detailed borrow pit investigations we can safely and economically source suitable material for use in the construction of your project.

Especially practical when sourcing bedding for pipelines or layer works in roads, borrowpits can be remediated using unsuitable materials from the site.



Pipeline Investigations

We investigate and assess sites to facilitate the cost-effective and successful laying of pipelines.

This includes a range of geological and soil assessments, such as the digging test pits, soil classification, DCP investigations and more.

