

SANCOT Symposium 2026

Rosebank, Johannesburg



Presenter: Vlok Visser

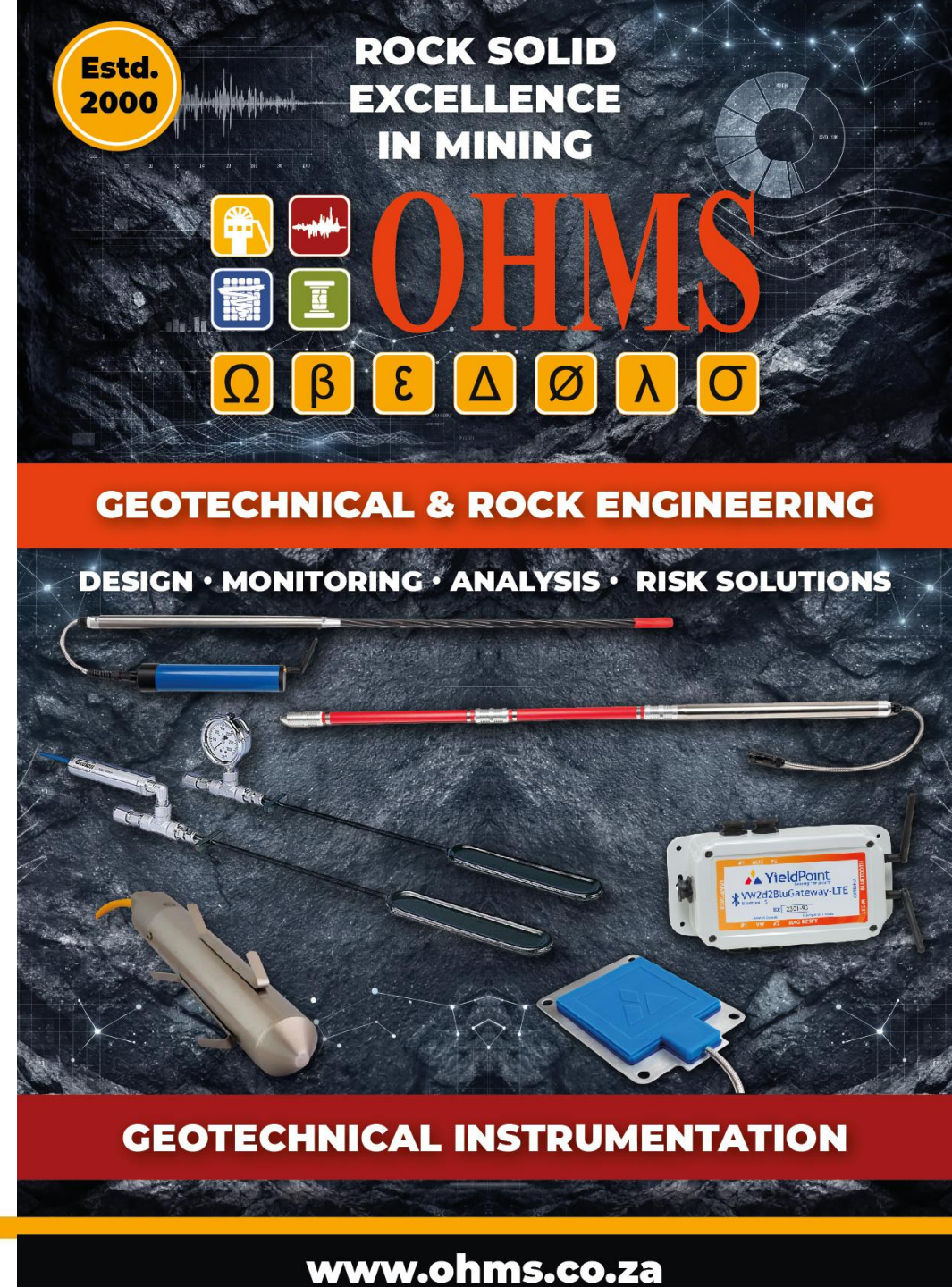


Precision Tunnelling & Excavation Monitoring

- **Deformation Tracking:** Monitoring excavation response and support unit integrity.
- **Seismic Monitoring:** Real-time vibration and stress change quantification.
- **Support Units:** Instrumented support units to verify design assumptions.
- **Safety Integration:** Real-time alerts for critical geotechnical triggers.

26 Years of Geotechnical Innovation

- Global provider of geotechnical engineering and rock mass response monitoring.
- Specialists in the design of specialized Geotechnical Instrumentation Solutions and real-time telemetry.
- Proficient team dedicated to solving complex rock mechanics challenges.
- Established presence across international mining and civil projects.



The advertisement features a dark, textured background with a grid of glowing points. In the top left, a yellow circle contains the text "Estd. 2000". To its right, the text "ROCK SOLID EXCELLENCE IN MINING" is displayed in white. The company logo "OHMS" is prominently shown in large, orange, serif letters. Below the logo, a row of seven yellow squares contains the Greek letters Ω , β , ε , Δ , $\emptyset$, λ , and σ . The main body of the ad is divided into two horizontal sections. The top section has an orange header with the text "GEOTECHNICAL & ROCK ENGINEERING" and a white sub-header with "DESIGN • MONITORING • ANALYSIS • RISK SOLUTIONS". Below this, various geotechnical instruments are displayed, including long probes, a pressure cell, a piezometer, and a data logger labeled "YieldPoint VV2d2BlueGateway-LTE". The bottom section has a red header with the text "GEOTECHNICAL INSTRUMENTATION". At the very bottom, the website "www.ohms.co.za" is written in white.

Estd. 2000

ROCK SOLID EXCELLENCE IN MINING

OHMS

Ω β ε Δ $\emptyset$ λ σ

GEOTECHNICAL & ROCK ENGINEERING

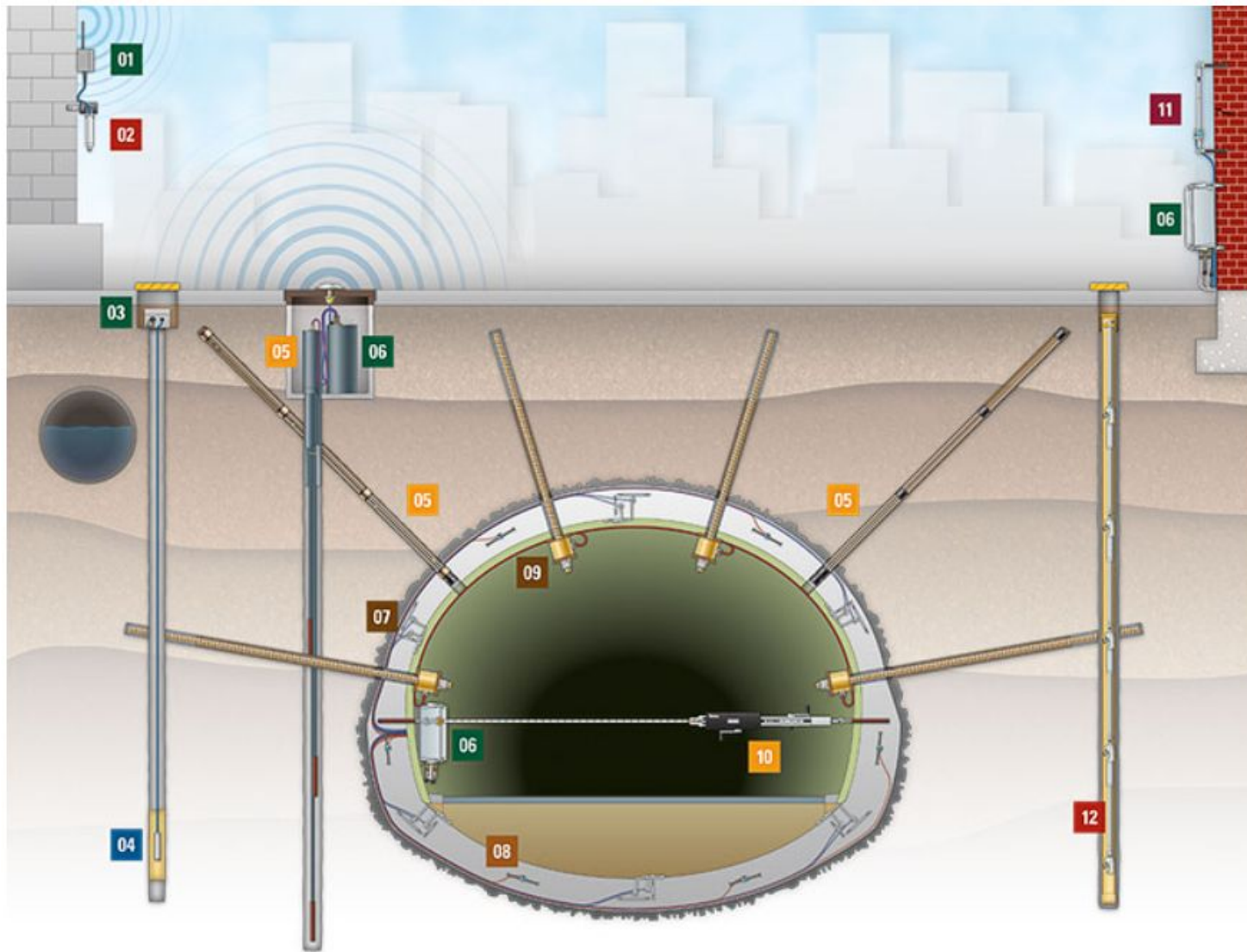
DESIGN • MONITORING • ANALYSIS • RISK SOLUTIONS

GEOTECHNICAL INSTRUMENTATION

www.ohms.co.za

Tailor-Made Monitoring Solutions

- **Needs Analysis:** Comprehensive site-specific geotechnical audits.
- **Instrumentation:** Sourcing, installation, and commissioning of high-precision sensors.
- **Real-time Telemetry:** Custom data logging networks for remote control centers.
- **Interpreted Response:** Expert analysis to advise on safety and operational continuity.



01 GeoNet Wireless Network	05 Extensometers	09 Load Cells
02 Tiltmeters	06 Multi-Channel Dataloggers	10 Tape Extensometers
03 GeoNet Dataloggers	07 NATM Pressure Cells	11 Crackmeters
04 Piezometers	08 Strain Gages	12 In-Place Inclinoimeters

GEOKON



Borehole Extensometers





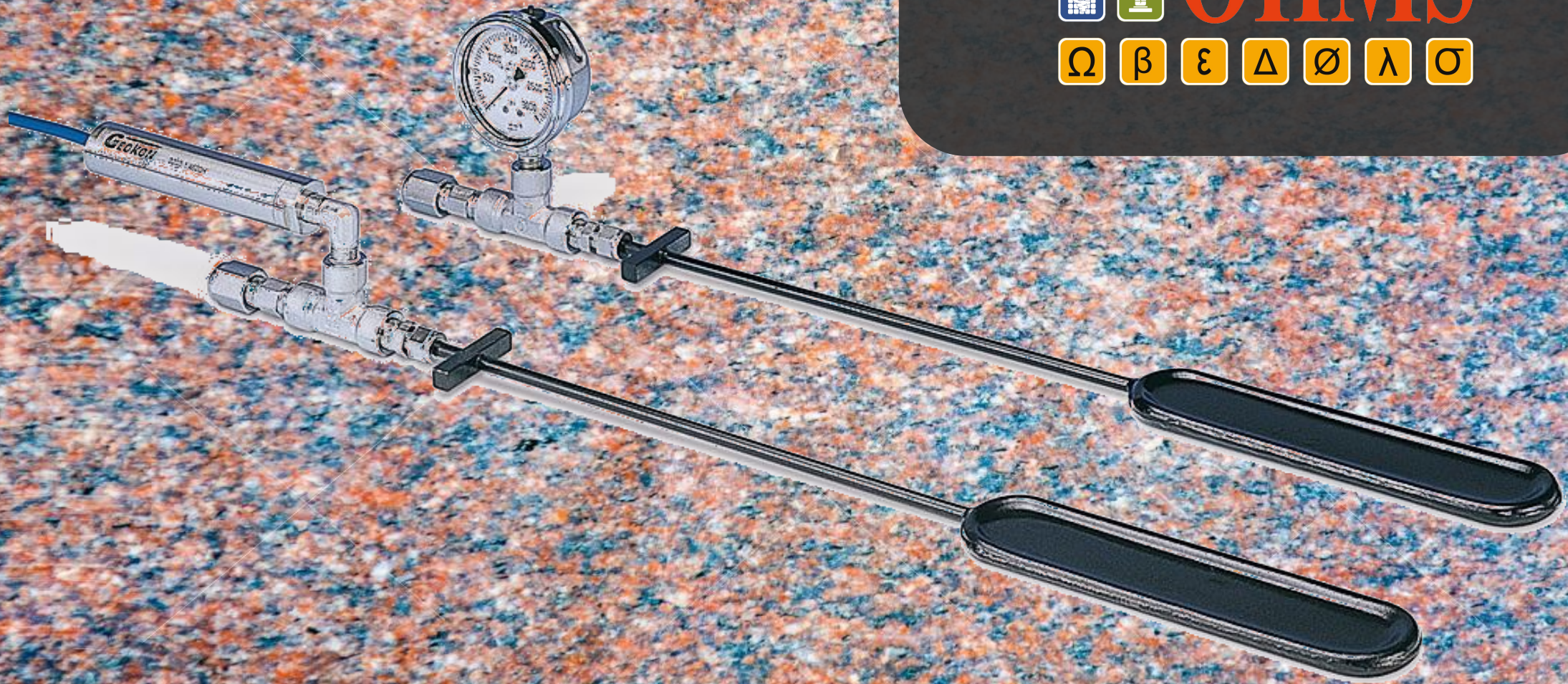
Instrumented Cable Anchor



Borehole Pressure Cell



OHMS



Borehole Pressure Cell





Telemetry



Let's Build the Future Together

- Address: 77 Dr James Moroka Ave, Potchefstroom, 2531
- Phone: (+27) 18 293 1940
- Email: webenquiry@ohms.co.za
- Website: www.ohms.co.za