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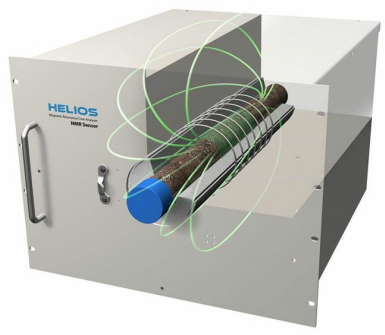
VISTACLARA INC.

Helios™ Magnetic Resonance Core & Soil Analyzer

When you really want to know the water inside your sample, you can trust the Helios. Formerly known as the Corona, Vista Clara's Helios Core and Soil Analyzer applies the same technology used in medical MRI imaging to your core sample. But unlike an MRI machine, Helios is field-ready and easy to use on job sites.

Useful across a wide range of core sizes and lithology, Helios delivers laboratory precision in a compact and field portable package. The Helios' unique low-field, high-bandwidth operation enables accurate water content and relaxation time measurement across a wide variety of natural rock and sediment types, including those with high magnetic susceptibility. Helios' short echo spacing (~200 µs) enables accurate measurement of water content in clays and unsaturated samples.



Used the world-over, Helios offers fast, cost-effective characterization supporting applications including:

- **Water resources**
  - Total and effective porosity
  - Hydraulic conductivity
  - Core-based calibration of borehole NMR data
- **Mining**
  - Moisture content in ore cuttings and core samples
  - Aquifer characterization for brine and solution mining
- **Environmental remediation**
  - Water-bearing properties of core samples
  - Soil moisture content
- **Geotechnical**
  - Soil moisture content
  - Pore size distribution

View Helios product specifications

Red Dog Scientific Services: Vista Clara's New South Africa Representatives

We are pleased to announce our newest partner, Red Dog Scientific Services, based in South Africa and serving geophysical professionals across a range of industries, including groundwater, mining, environmental and others.
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