

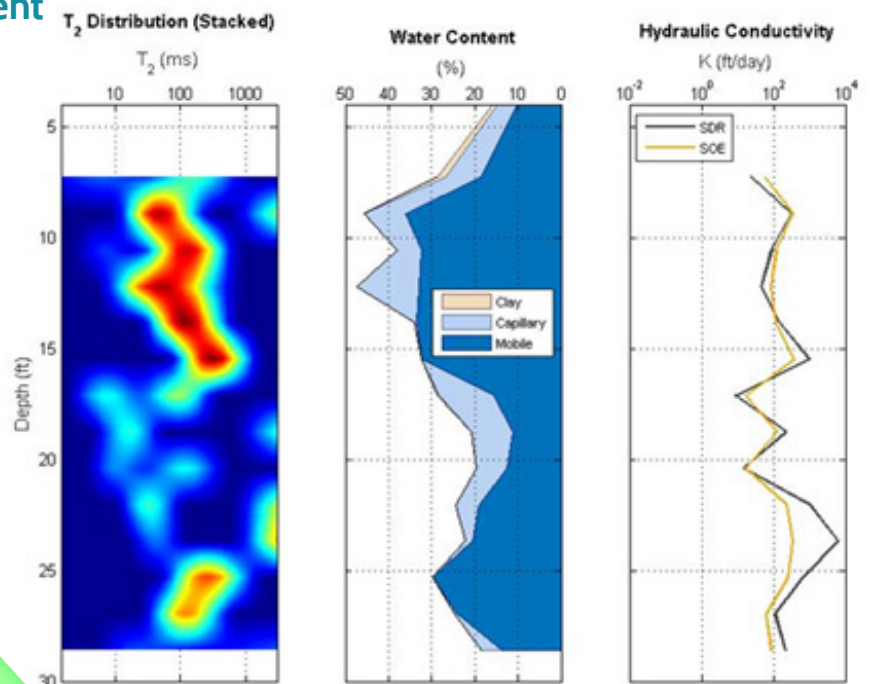
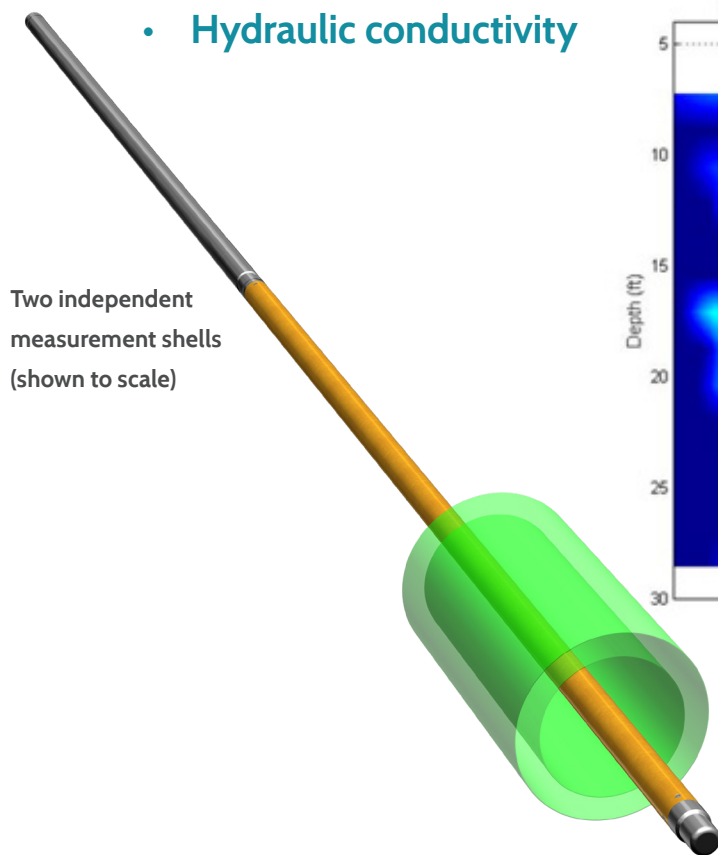
Javelin Micro

Ultra Small-Diameter Magnetic Resonance Wireline Logging

For professional geophysical logging operators

With a 1.75in (44mm) diameter, Javelin Micro is the world's first wireline NMR tool capable of logging 2in ID PVC cased boreholes. Javelin Micro provides high-resolution, continuous measurements of principal aquifer properties for groundwater and environmental investigations:

- **Porosity**
 - Bound and mobile water content
 - Pore size distribution
 - Hydraulic conductivity



Applications

- Environmental site characterization
- Geotechnical site investigations
- Groundwater resource management
- Aquifer storage and recovery
- Mine water engineering
- Brine and leach mining

Javelin® Micro Magnetic Resonance Logging Tool

FEATURES

Probe

- World's smallest diameter NMR logging probe for wireline.
- 1.75in allows for logging in 2in diameter PVC wells common in environmental remediation.

Widest Diameter of Investigation

- Large Diameter of Investigation
- Measures properties of native formation past the disturbed zone

Multiple Depths of Investigation

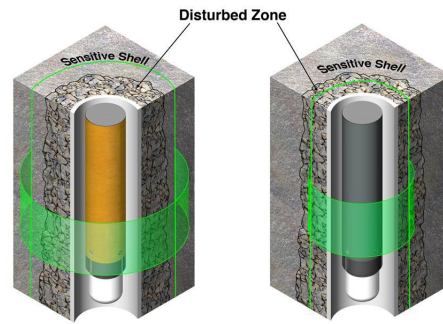
- Two independent DOI shells measured during a single logging run allows users to assess radial variability

Industry-Standard Wireline Compatibility

- Operation on 4-conductor or 7-conductor wireline cable ensures seamless integration with existing logging operations

Flexible Surface Station

- Surface station housing tool power, control, and telemetry electronics operates all three systems, Javelin Micro, Slim and Max.



Javelin deep-view sensitivity

Unusable data without deep-view



Surface Station is available as a rackmount unit (4U) or housed in a compact, shock-mounted case.

Javelin Micro Downhole Digital Module (1.75in., 44mm)

SPECIFICATIONS

Javelin Probe	JPZ175E	JPZ175A (Preliminary)	Downhole Digital Module
Diameter:	1.75in (44mm)	1.75in (44mm)	Diameter: 1.75in (44mm)
Length:	91in (231cm)	91in (231cm)	Length: 80in (203cm)
Weight:	18lb (8kg)	19lb (9kg)	Weight: 20lb. (9kg)
Pressure Rating:	830 PSI	1700 PSI	Pressure Rating: 2055 PSI
Sensitive Diameters:	F ₁ : 9in (23cm) F ₂ : 10in (25cm)	F ₁ : 7in (18cm) F ₂ : 8in (20cm)	Cable: 3/16 inch (or larger), 4-core or 7-core
Vertical Resolution:	19in (50cm)	19in (50cm)	
Echo Spacing:	1000µs	TBD	

CE Certified, FCC, CTick, CE Emissions Compliant
 Protected by US Patents: US 10,162,026 B2; US 10,302,733 B2; US 8,816,684 B2; US 9,348,054 B2; US 9,588,068 B2.
 JAVELIN is a registered trademark of Vista Clara.

JPZ175

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