



Press Release

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Vista Clara Releases New Small-Diameter (2.38-inch) Javelin® Wireline Magnetic Resonance Logging Tool

Mukilteo, WA, Nov 20, 2019 – Vista Clara Inc., an industry leader in magnetic resonance (MR) technologies for geophysical analysis, has announced the newest member of its Javelin® family of borehole logging products. Running on industry-standard wireline, the new Javelin Wireline system features a modular downhole tool with interchangeable 2.38-inch and 3.5-inch logging probes, enabling measurement in a wide range of borehole sizes. The system provides measurements at multiple diameters of investigation during a single logging run, while also achieving the largest diameter of investigation of any logging tool of its size. This ensures sensing of the native formation properties beyond the drilling disturbed zone.

According to David Walsh, Ph.D., President of Vista Clara, “The small-diameter Javelin Wireline acquires high resolution MR logging data, with a vertical resolution of 9 inches and an industry-leading echo spacing of 450 microseconds. Because the Javelin acquires data at multiple frequencies, it is sensitive at both shallow and deep diameters of the investigation, improving data quality and detecting radial variation or drilling artifacts. This provides confidence that the magnetic resonance data are reflecting the properties of the undisturbed native formation.”

The use of magnetic resonance logging can reduce project risks and costs by directly measuring and quantifying, at sub-meter resolution, the hydrogeological properties that govern groundwater storage and flow: volumetric water content (porosity if saturated), bound and mobile water fractions, hydraulic conductivity and transmissivity.

The Javelin system will be shown by Vista Clara at Groundwater Week in Las Vegas, NV Dec 3-5 2019 (Booth N662). [See conference info here.](#)

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About Vista Clara:

Vista Clara, Inc. is the world's leading manufacturer of magnetic resonance geophysical equipment for groundwater and environmental investigations. Vista Clara offers a wide variety of surface, downhole and laboratory magnetic resonance instruments for direct sales, rental and leasing. Vista Clara also offers comprehensive geophysical services, with a focus on magnetic resonance imaging, to deliver valuable information for a wide range of groundwater applications, including environmental, municipal, geotechnical, and mining projects.

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JAVELIN is a registered trademark of Vista Clara.