

GEOHAZARDS

ENGINEERING AND GEOLOGY



INTRODUCING

**A New
Instrument
to Measure
Erosion Rates
of Soft Rock**



Geohazards now has the unique capability of measuring the rate at which rock and other cohesive materials erode due to water-induced shear stresses. In the case of rock or stiff clays, core samples are retrieved and tested in a patented apparatus called the "Rotating Erosion Rate Apparatus" or RETA. The RETA was developed at the University of Florida by our Senior Geotechnical Engineer, Dr. David Bloomquist, P.E., and Dr. Max Sheppard.

The Florida Department of Transportation State Materials Laboratory has been using RETAs for testing rock core samples for approximately 10 years. Use of RETA test results has saved the FDOT millions of dollars in bridge foundation evaluations, thereby providing valuable information of long term erosion susceptibility both for existing and new bridge construction.

PLEASE CONTACT US TO SCHEDULE A PRESENTATION TO LEARN HOW RETA CAN SAVE YOU MONEY ON YOUR NEXT PROJECT. WE WILL BE HAPPY TO COME TO YOU.



GEOHAZARDS™

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