GROUND PENETRATING RADAR FOR RESEARCH & TEACHING

DEVELOPING FUTURE LEADERS AND INDUSTRY EXPERTS

Sensors & Software

Enhance your research and course curriculum with GPR

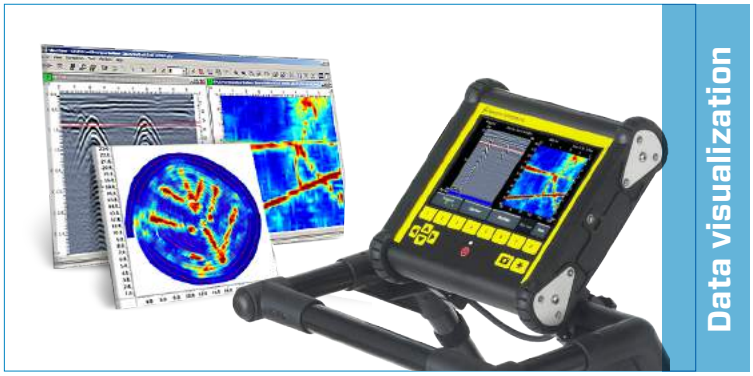
Leading researchers worldwide rely on our GPR products due to their unparalleled data quality and ability to withstand the most demanding field conditions.

NOGGIN®
Adaptable, high-performance GPR

- Available in 4 center frequencies; from 100 to 1000 MHz
- Easily switch between 4 configurations to collect data in any terrain
- Provides flexible data collection settings to optimize GPR surveys

pulseEKKO®
For the GPR Professional

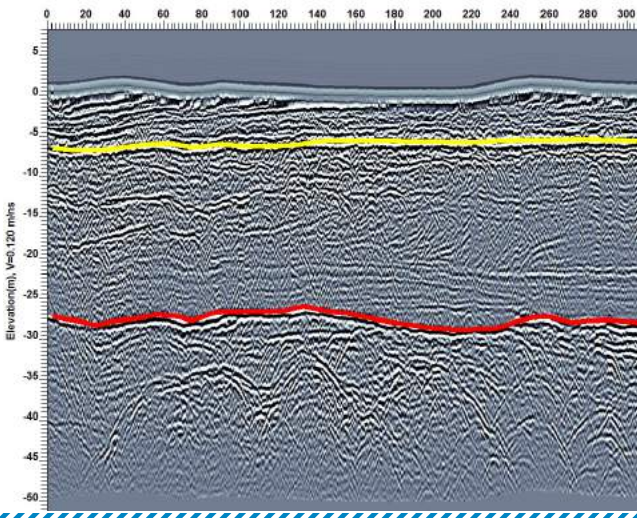
- Offers the widest range of frequencies - from 12.5 to 1000 MHz
- Bistatic antennas allow for variable antenna separations for advanced survey methods - ideal for CMP, WARR, multi-fold and transillumination
- Ergonomic deployment platforms allow for rapid system reconfiguration



EKKO_Project™ Software Intuitive software to manage, display, process & interpret GPR data

DVL 500 Display Unit

High-resolution touchscreen display with in-field depth slicing, color interpretations and MapView



Rover GPR deployment research
University of Toronto

Concrete pipe infrastructure assessment

Soil moisture content studies with the WARR machine

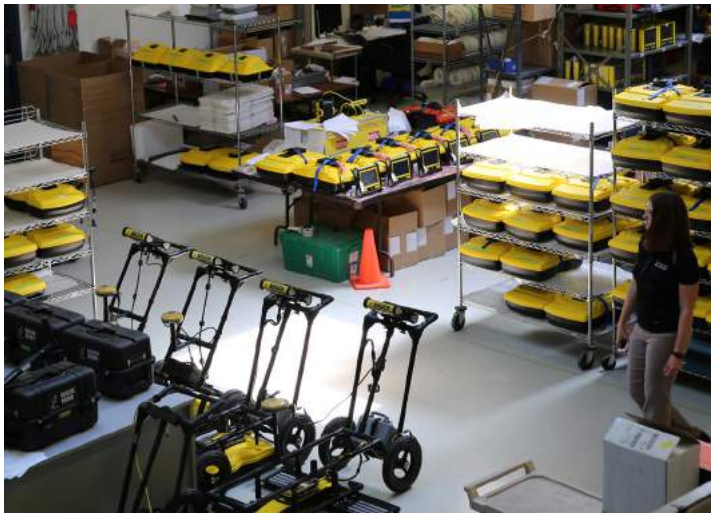
ABOUT US

Recognized worldwide as the center of GPR advancement, Sensors & Software Inc. designs, develops, manufactures, sells and rents ground penetrating radar instrumentation and software.

Understanding what lies beneath the surface of materials like soil, rock, rubble, pavement, concrete, water, ice and snow opens endless possibilities. Sensors & Software are focused on bringing value and innovation to your projects by providing the most advanced instrumentation and integrated software to allow you to see beyond the surface.

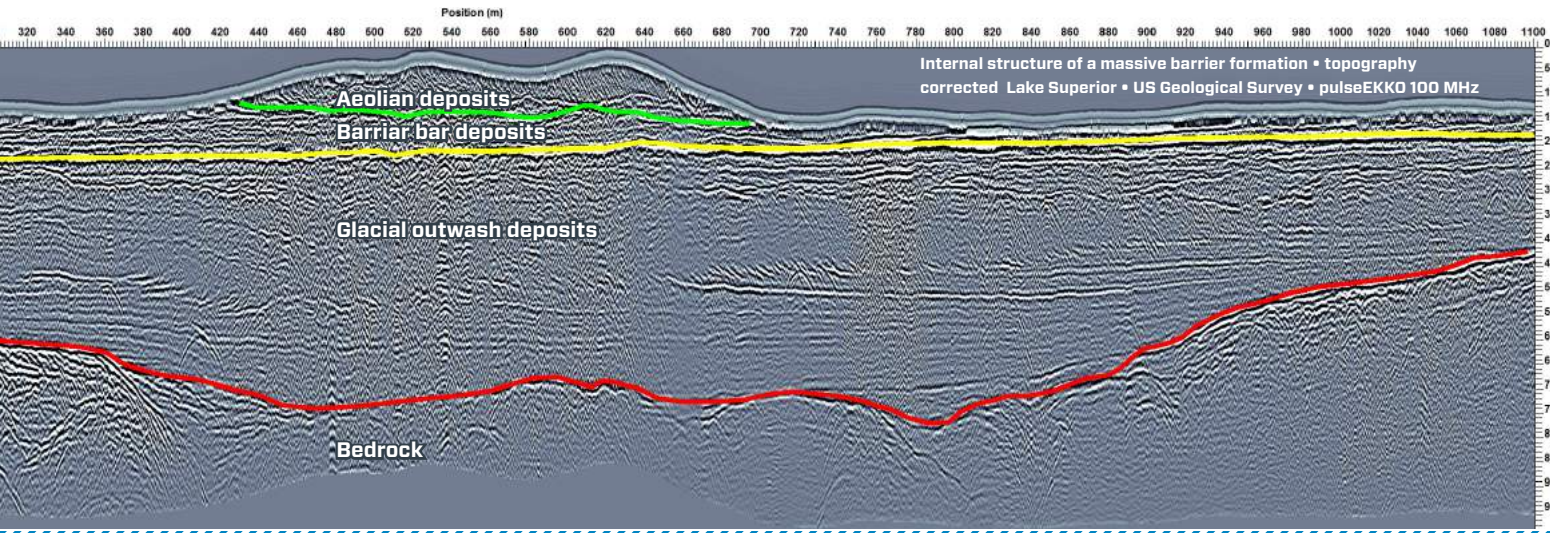
Our academic support program provides access to:

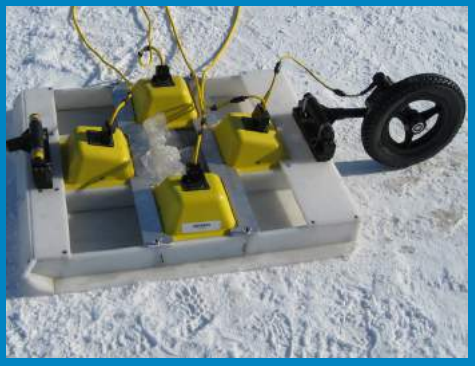
- Free teaching aids
- GPR equipment for research and field schools
- Talks from GPR specialists
- Equipment demonstrations
- Software lab licenses
- Webinars and training



GPR development - from research to manufacturing - is conducted in a single cutting-edge facility.

University of Edinburgh used Noggin® 500 SmartCart ® and Noggin® 250 SmartTow™ systems to further archaeological studies as part of the Apolline project.





Ice anisotropy research
by Boise State University

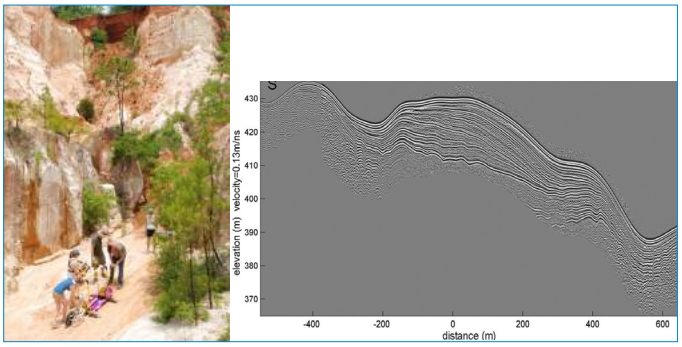
Large scale archaeological research
by Ludwig Boltzman Institute

Dynamic hydrologic studies
by Clemson University

APPLICATIONS

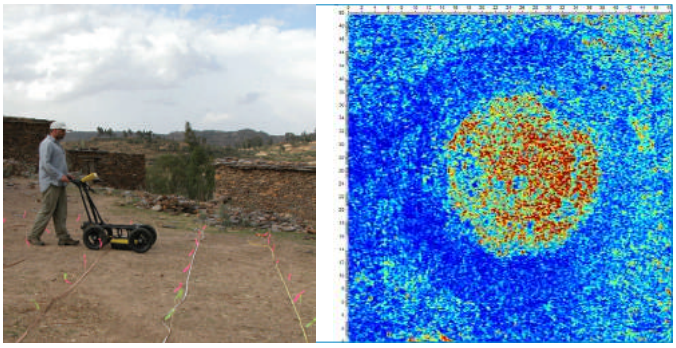
GPR solutions for a wide range of applications:

EARTH SCIENCE



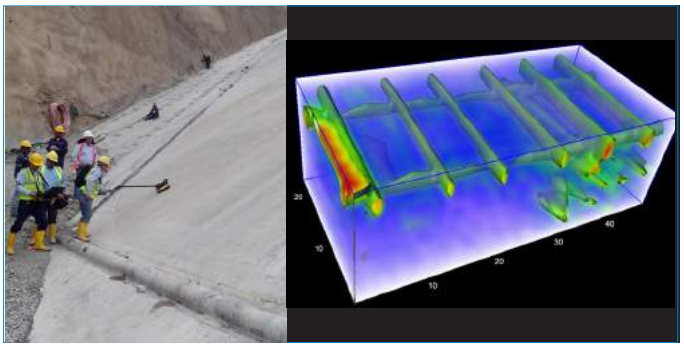
- Profile geological stratigraphy and bedrock surface
- Characterize soil conditions
- Improve mine safety and guide resource development

ARCHAEOLOGY



- Search for artifacts and tombs
- Map foundations of ancient structures
- Find graves and burials

INFRASTRUCTURE

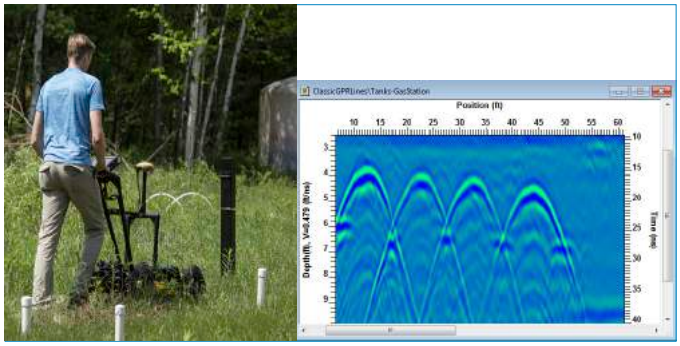


- Assess concrete structures for deterioration
- Measure pavement characteristics
- Locate metallic & non-metallic utilities

GLACIOLOGY, SNOW & ICE

- Measure ice thickness and snow depth
- Perform glaciological research

ENVIRONMENTAL



- Detect sinkholes and USTs
- Conduct bathymetry and sub-bottom profiling
- Map tree roots and drainage tiles

MILITARY AND LAW ENFORCEMENT

- Detect UXO and IEDs
- Aid forensic investigations
- Locate clandestine graves and tunnels

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Subsurface imaging solutions