Innovative Geophysics

Innovation, quality, detail, and flexibility are hallmarks of HGI’s service. We create custom-fit solutions for individual client needs, making us an industry leader in the field of geophysics and geosciences.

HGI is a solution-oriented geophysical consulting company and service provider to the environmental, engineering, groundwater, mining, oil & gas, and natural resource exploration industries. We specialize in the application of 3D geophysical methods and time lapse subsurface monitoring of fluid flow through geologic materials.

HGI Services

Leak Location
- Bare Liner Integrity Testing
- Ponds
- Mining Heaps
- Tailings Piles
- Landfills

Leak Detection & Monitoring
- Ponds
- Tanks
- Dams
- Mining Covers

Environmental
- Plume Mapping
- Contaminant Source ID
- Acid Rock Drainage
- Corrective Action Monitoring

Groundwater
- Basin Delination
- Fracture Mapping
- Karst Investigation
- Salt Water Intrusion

Mining
- Heap Characterization
- Exploration
- Liner Integrity
- Acid Rock Drainage
- Covers & Cap Integrity Testing
- Enhanced Metal Recovery

Site Clearance & Avoidance
- Infrastructure Mapping
- Pipeline Mapping
- Underground Storage Tanks
- Buried Debris

Geotechnical
- Void Detection
- Depth to Bedrock
- Engineering Construction
- Concrete Inspection

Oil & Gas
- Exploration
- Subsurface Monitoring

Archeological
- Site Investigations

Methods

Resistivity
- IP
- Induced Polarization
- RPM
- Residual Potential Mapping

Gravity
- Seismics

Magnetic
- GPR
- Ground Penetrating Radar
- EM
- Electromagnetics

HGI Safety

Safety matters, and with HGI, safety always comes first! Our employees are certified in First Aid, Life Saving, MSHA, OSHA, and have obtained thousands of hours of job-specific safety training.

Signature Services

HGI created a Leak Detection service to provide solutions for leaking containment systems aimed at industrial-scale problems for mining, nuclear, agricultural, oil & gas, waste, and chemical markets.

Corporate Profile

For more information on HGI’s products and services, please visit us at HGIworld.com or call us at 1-866-647-3315

HGIworld.com

Scan the QR code at left to learn more about geophysics and geophysical services provided by HGI.