WE GET THE BIG PICTURE

HGI is an innovative, 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 1D geophysical methods for time lapse subsurface characterization and monitoring of field flow through geologic materials.

Innovation, quality of work, focus, and flexibility are hallmarks of HGI’s service. Our ability to create custom-fit solutions based on individual client needs makes us an industry leader in the field of geophysics and geosciences.

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Mining Geophysics

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Innovative Geophysics

Exploration

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

Realizing Hidden Value Through Geophysical Characterization

Heap Characterization

Heaps are a mine’s greatest asset and a significant amount of unrecovered metal inventory may be locked within them. HGI’s experience has shown that up to 40% of the ore inventory may remain unrecovered due to inefficient leaching. We can help you unlock that potential and realize hidden value in your heaps through geophysical characterization.

Injection Monitoring

Enhanced recovery programs can yield an additional 2% to 5% of total metal recovered in just a few years, with a significant return on investment. HGI has developed a set of monitoring and validation tools that can track the success of subsurface leaching, assuring the delivery on that investment.

A Billion Gallons of Experience