GeologicAI

Better resource decisions, faster.

COMPANY OVERVIEW

The world leader in

High Resolution Decision Engineering™

GeologicAI innovates the tools, technologies and solutions that enable **High Resolution Decision Engineering**: the ability to make critical, complex decisions without compromising confidence and efficiencies. We have a mission to build the trusted source of geologic truth – to be the most comprehensive, sophisticated, and practical data intelligence provider for the mining industry.

Trusted by major mining companies and operational in more than 10 countries, we are combining the highest fidelity data in the market, with AI-driven analytics, and leading domain expertise at every stage of the mining cycle.

Our promise is to provide enhanced data, advanced analytics, and deep domain expertise. GeologicAI helps you **make better resource decisions, faster**.

Robust **Data** at the Source

Purpose-Built **Analytics**

Better, Faster & More Impactful **Resource Decisions**

Industry-Specific Domain **Expertise**

Better geologic data

Data sourced from the most comprehensive, sophisticated, integrated and automated sensor suite for core and chip scanning.

More usable intelligence

Intelligence that integrates with your workflow, providing the highest quality datasets and visualizations for immediate interpretations.

Most powerful insight

The most sophisticated and modern logging, modeling and simulation techniques and solutions trusted by industry leaders.

Ready to unlock better resource decisions? | Book a demo at geologicai.com

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Across all three of our divisions, **Resource Knowledge Systems** (including Lumo Analytics), **Resource Modeling Solutions**, and **Resource Exploration Strategies**, we provide complete and comprehensive data and analytics to empower geoscientists across every stage of the mine cycle.

	Tools	Applications
Operational Excellence	Core & chip scanning, AI-data products, geostatistical analysis, data workflows, data management, visualization & modeling, and industry expertise	• Detailed ore body knowledge & deposit characterization • Data consistency for modeling & infrastructure planning • Improved grade control • Strategic drill campaigns & mine planning • Quantify uncertainty & manage risk • Increased study advancement from enhanced data capture • Early impairment write-off identification, mitigation & prevention
Geotechnical	Core & chip scanning, logging, AI-data products, data workflows, data management, visualization & modeling, and industry expertise	• Mine design optimization • Ground support design input & classification • Correlation of geotechnical & geological attributes • Reduced operational disruptions • Operational & planning confidence
Geometallurgical	Core & chip scanning, AI-data products, geostatistical analysis, data workflows, data management, visualization & modeling, and industry expertise	• Early red-flag detection • Recovery optimization & processing strategy • Feed quality & deleterious element management • Energy consumption & comminution planning • Resource confidence • Mine to mill ore reconciliation

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