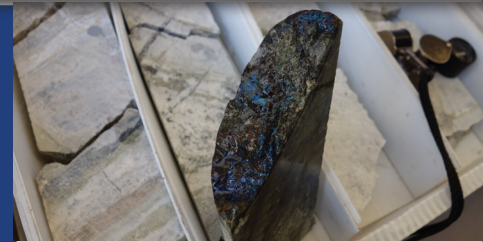




A MINING ENGINEERING FIRM WITH STRONG INTERNATIONAL EXPERIENCE

GRE is a multifaceted engineering firm specializing in the mining industry. Our focus is to add value to your project and company by understanding your needs, employing innovative ideas, and applying sound engineering practices while maintaining an economically-driven approach. We have teams in the USA and Mexico that serve a wide range of domestic and international clients.



COLLECTIVE TEAM EXPERIENCE:

- 300+ Resource Estimates
- 200+ Engineering Studies
- Over 20 projects into production
- 30+ Due Diligence studies
- Spanish language fluency
- Latin Amer., USA, Africa, Europe

RECENT KEY PROJECTS:

LUMINA GOLD, CANGREJOS - ECUADOR

- PEA-stage open pit gold mine
- Geochemical characterization
- ARD prevention planning
- Surface water management
- Mine dewatering
- Mine water balance

BONNIE CLAIRE - NEVADA

- PFS-stage open pit lithium Mine
- Mine Design
- Novel Mining System - Borehole Mining
- Metallurgical Test Work, Flowsheet Development
- Novel Extraction System
- Financial Models

MANTOVERDE - CHILE

- PFS-stage open pit copper mine
- Copper heap leach optimization
- Cobalt recovery circuit
- Economic assessment
- Metallurgical design and test program support

MINERA INDEA - MEXICO

- Resource updates
- Tailings facility construction design
- Plant restart operational audit
- Mine closure liabilities assessment, mining operations support, and historic tailings deposit resource assessment

EL AGUILA MINE - MEXICO

- Drystack tailings design
- Water balance
- Geochemistry
- Pit slope stability and optimized pit dewatering
- Waste rock dump and TSF design

ARGONAUT GOLD - ONTARIO, NEVADA, MEXICO

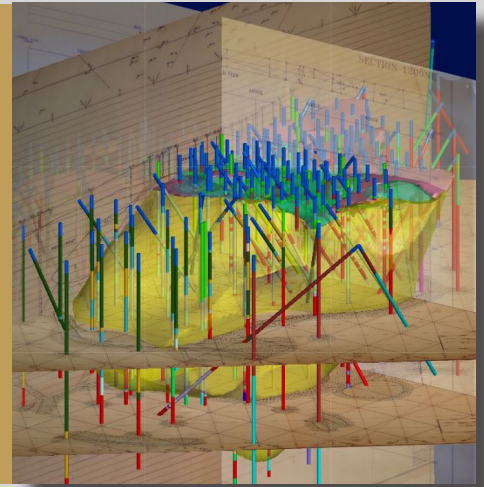
- Review mill startup
- Heap leach closure
- Heap leach site investigation
- Heap leach design for new facility



SERVICES:

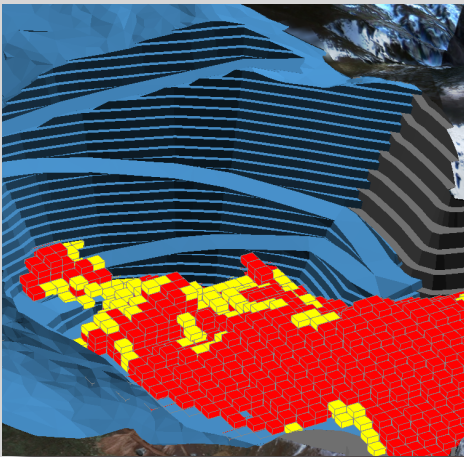
GEOLOGY & RESOURCE ESTIMATION

Exploration Sampling Program Design
 Drillhole sampling & assay QA/QC
 3D Geological and Structural Modeling
 Mineral Resource Estimation and Technical Reports



MINING & GEOTECHNICAL ENGINEERING

Open Pit & Underground Mine Design and Engineering
 Mine Production and Cost Optimization
 Geometallurgical Modeling
 Rock Mechanics



PROJECT VALUATION & OPTIMIZATION

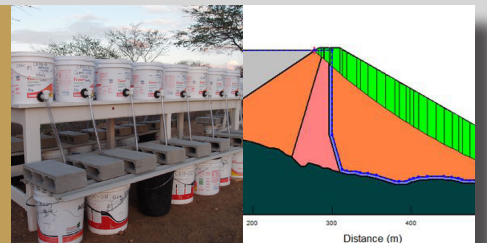
Project Due Diligence
 Multi-Scenario Economic Modeling
 Scoping Studies / PEA, PFS, FS Studies
 Technical Reports (NI 43-101, Guide 7, JORC)
 Whittle Pit Optimization

MINERAL PROCESSING

Heap Leach, Biological Oxidation Expertise
 Process Flowsheet Development, Plant Audits/Improvements
 Laboratory & Pilot Plant Test Work

MINE WASTE MANAGEMENT

Conventional & Dry Stack Tailings Design
 Waste Rock Facility Design
 ARD Mitigation & Management
 Geochemical Characterization
 Mine Waste Cover Design & Seepage Modeling



HYDROGEOLOGY AND WATER RESOURCES

Groundwater Characterization & Modeling
 Mine Water Balance Studies
 Surface Water Engineering



SENIOR LEADERSHIP

Todd Harvey, PhD - President/Director Process Engineering
 Larry Breckenridge, P.E. - Principal Environmental Engineer
 Terre Lane - Principal Mining Engineer
 Rick Moritz - Principal Mining & Process Engineer
 Luis Quirindongo - Principal Geological/GeoTech Engineer

EXPERIENCE

30+ yrs
 20+ yrs
 30+ yrs
 30+ yrs
 20 yrs

LANGUAGE

Spanish Functional
 Spanish Fluent
 Native Speaker