Precious Metals Mining

Sustained value for money through up- and downturns in the commodities market

Tetra Tech understands the regulations and issues affecting the mining industry. Our professionals have worked with a variety of mining operations worldwide, including surface and underground precious metals and hardrock operations, and ore milling and leaching operations.

With an increase in demand for precious metals in the global market, Tetra Tech remains at the forefront of trends and technologies to help keep our clients ahead.

Our professionals have the depth and breadth of experience to offer our clients a full-service mining package, thus eliminating the need to manage multiple consultant contracts, saving valuable time and money.

Our experts have the ability to manage metals mining support projects from planning and development through design, construction, and operations into monitoring, reclamation, and closure.

Operation-phase support, including heap leach and tailings disposal facilities engineering services, is among Tetra Tech’s core technical capabilities. This expertise has earned Tetra Tech’s professionals a well-deserved reputation for offering expert advice; focused designs; and cost-effective, practical solutions for heap leach projects.

Services

Consulting and Studies
- Due diligence reports
- Resource evaluations, estimations, and modeling
- Mine engineering planning and design
- Compliant scoping, prefeasibility, and feasibility
- Process flow sheets and plant design
- Transportation planning and design

Engineering, Procurement, and Construction Management
- Project management
- Multidisciplinary engineering design services
- Procurement management
- Materials and contracts management
- Construction management
- Plant commissioning
- Full-service sustaining capital projects

Environment and Socioeconomics
- Baseline studies
- Social and environmental permitting
- Clean water, clean air, and endangered species regulatory compliance
- Environmental impact assessments and statements
- Monitoring of air, water, and soil quality
- Tailings management
- Water and waste management
- Mine closure and reclamation
Tetra Tech is a leading provider of consulting, engineering, program management, construction management, and technical services. The Company supports government and commercial clients by providing innovative solutions to complex problems focused on water, environment, energy, infrastructure, and resource management. With 13,000 employees worldwide, Tetra Tech’s capabilities span the entire project life cycle.

Metal Types
- diverse commodity types on our projects include gold, silver, platinum, palladium, and poly-metallic properties

65+ countries where we have worked

300+ commissions carried out on precious metals projects

Top Gold Companies

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Tetra Tech Mining & Minerals
- Australia  Perth, Western Australia
- Brazil  Belo Horizonte, Minas Gerais State
- Canada  Vancouver, British Columbia
- Toronto, Ontario
- Chile  Santiago, Santiago Province
- UK  Swindon, Wiltshire
- US  Golden, Colorado

Global Precious Metals Project Locations
- Argentina
- Australia
- Bolivia
- Botswana
- Brazil
- Bulgaria
- Burkina Faso
- Canada
- Chile
- China
- Colombia
- Costa Rica
- Czech Republic
- Dem. Republic of Congo
- Ecuador
- El Salvador
- Ghana
- Guatemala
- Guyana
- Honduras
- Indonesia
- Ireland
- Italy
- Kyrgyzstan
- Madagascar
- Mexico
- Mongolia
- New Zealand
- Nicaragua
- Panama
- Peru
- Russia
- Slovakia
- South Africa
- Suriname
- Sweden
- Tanzania
- Turkey
- Uruguay
- United States
- Venezuela