

# 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.



Rio Tinto Alcan, Alma Smelter, Québec, Canada – Plant Engineering

## 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.



Yukon Zinc, Wolverine Mine, Canada



Silver Bear Resources, Mangazeisky Project, Russia



Carlisle Goldfields, MacLellan Mine, Canada



Sunridge Gold, Emba Derho Project, Eritrea



Mega Precious Metals, Monument Bay Project, Canada



Silver Standard Resources, Diablillos Project, Argentina

### 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

and senior mining houses as clients include Agnico-Eagle Mines, AngloGold Ashanti, B2Gold, Barrick Gold, Eldorado Gold, Gold Fields Australia, Goldcorp, IAM Gold, Kinross Gold, Newmont Mining, Platinum Group Metals, and Yamana Gold

### Corporate Headquarters

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### Tetra Tech Mining & Minerals

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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

