



# Mineit Consulting

*- Practical Solutions for a Complex World*



Junior Miner Support



Mining Engineering



Project Evaluation



Geotechnical Engineering



Process & Metallurgy



Technical Training

Competitively Priced

Fast

Global Portfolio

# JUNIOR MINER STARTER PACK

## FULL ENGINEERING & GEOLOGICAL SUPPORT

We strive to develop lasting relation with junior mining companies by ensuring their projects receives a practical solution in order to successfully complete all stages of a mining cycle. We offer solutions at competitive rates and accept flexible payment options such as equity in the project. Mineit's services are available in affordable subscription packages.

**Option 1: \$3,600 per month**

25 hours of technical support

**Option 2: \$5,100 per month**

40 hours of technical support

**Option 3: \$9,600 per month**

80 hours of technical support

**Services under Junior Miner Starter Pack:**

- Bulk Sampling Permit Application
- Notice of Work Application
- Exploration Program Management
- Exploration Target Generation
- Exploration Results Interpretation
- Field Mapping
- Resource Modelling and Estimation
- Third Party Review and Due Diligence
- GIS and CAD Support
- Community Engagement
- Developing Technical Promotional Material
- Provision of Contract-Based Temporary Staff
- Mine Equipment Procurement Assistance



# MINING ENGINEERING

## UNDERGROUND & SURFACE MINING

Experts at Mineit are willing to assist you from grass roots exploration through mine closure. Our mining engineering division provides expertise in both underground and surface mining. Our end goal is to improve your competitive advantage allowing you to outperform your competitors.

We use mine planning software to develop optimized plans and schedules that make the most effective use of capital, in both short and long term time frames. We can evaluate multiple scenarios and perform trade-off studies to develop a comprehensive solution that will meet or exceed your expectations.

### **Services under Mining Engineering Division:**

- Mining Method Selection
- Underground & Open Pit Mine Design
- OPEX & CAPEX Estimation
- Mine Scheduling & Fleet Selection
- Mine-to-Mill Integration
- Operation Optimization
- Business Process Audits
- Ventilation Engineering Services
- Drill & Blast Engineering Services
- Tailings Engineering Services

# PROPERTY & PROJECT EVALUATION

## FINANCIAL & COST CONSULTATION

Our goal is to give you the highest confidence in understanding the underlying value of your project. Every project has unique variables that affect value and risk; Our consultants understand this and ensure each characteristic of your project is addressed appropriately. We also have access to funding required to further develop your projects.

Our industry experts will oversee every aspect of your project, leaving no stone unturned. We provide independent and unbiased mineral property and project valuation. With access to databases of all current and non-current mining projects and mineral properties, we have the capability to do extensive research and benchmarking based on similar projects. Our group has been involved in various-sized transactions, from the financing of expansions to full scale acquisitions.

### Services under Property and Project Evaluation:

- Preliminary Economic Assessments (PEA)
- Pre-Feasibility Studies (PFS)
- Feasibility Studies (FS)
- Project Financing Modelling & Analysis
- NI 43-101 Qualified Persons
- Mineral Reserve Audits

# GEOTECHNICAL ENGINEERING

## ROCK MECHANICS & SLOPE STABILITY

At Mineit we ensure your operation does not face any costly surprises due to unforeseen events by equipping your project with the latest technology and providing leading solutions. Our understanding of ground characteristics allows us to develop representative geotechnical designs.

We are expert at performing a combination of empirical and analytical geotechnical analysis for projects in various stages, ranging from scoping to the feasibility level. Our experts have modelling capabilities to develop multiple scenarios, allowing you to compare alternatives and make an informed decision based on your needs and risk profile.

### Services under Geotechnical Engineering division:

- Underground Support System Design
- Pillar Recovery Sequence
- Caving & Subsidence Analysis
- Foundation Design
- Rock Mass Classification
- Monitoring & Instrumentation
- Slope Stability
- Geotechnical Site Investigations
- Terrain Stability Analysis
- Tailings Dam Stability Assessment
- Erosion Control



# PROCESS & METTALURGY

## EXTRACTION RESEARCH & DESIGN

At Mineit, we believe that an efficient and effective mill is the key to maximizing the economic benefit of a mining operation. Our methodology focuses on understanding the complete mining context and characteristics of the deposit to develop an appropriate solution that will result in optimized mine-to-mill integration. We can provide advice on operational improvement of a project, from scoping to feasibility level, in order to unlock the true potential of your deposit.

We offer consulting and research for metal extraction technologies and mineral recoveries for precious metals, base metals, industrial metals, and rare earth metals. Mineit also offers consultation services for existing operations seeking to enhance and optimize current processes, or looking into accessing previously uneconomical resources

### Services under Process & Metallurgy :

- Flowsheet Design & Evaluation
- Mill Sizing & Equipment Selection
- Start-up Assistance & Training
- Circuit Evaluation & Optimization
- Hydrometallurgy Studies
- CAPEX & OPEX Benchmarking
- Expansion Studies
- Flotation



# TECHNICAL TRAINING

## COMPREHENSIVE & CUSTOM PACKAGES

In addition to our standard services, Mineit offers training in a variety of areas. Our training packages are comprehensive, and can be tailored to best suit your needs. In addition to our training, we provide continued support when needed to ensure the long-term success of your operations. With the increased demand for experienced technical operating personnel, we can also offer senior technical advisors to provide support and training as required.

**Head Office:**

1110-1111 West Georgia Street  
Vancouver, BC V6E 4M3  
Tel: (604) 620-1300  
Email: [info@mineit.ca](mailto:info@mineit.ca)

**Main Contact:**

Shervin Teymouri, P. Eng.  
Tel: (604) 715-1313  
Email: [shervin@mineit.ca](mailto:shervin@mineit.ca)

**We provide the following training packages:**

- Mine Project Valuations
- Rock Mechanics
- Mine Management
- Mining Software Training
- Geotechnical Instrumentation & Monitoring
- Mine Design & Scheduling

# SELECT PROJECTS



## Select Past Clients

- Goldcorp
- North American Tungsten
- Alexco Resources
- Anglo American
- MX Gold
- Ximen Mining
- Riverside Resources
- City of Burnaby
- Thompson Creek
- Victory Nickel
- Terrane Metals
- Gold Standard