About Bunker Hill

The Bunker Hill Mine is one of the most storied base metal and silver mines in American history. Initial discovery and development of the property began in 1885, and from that time until the mine closed in 1991 total production from the mine totaled 42.77 million tons at an average grade of 8.43% lead, 3.52 ounces silver per ton and 4.52% zinc. Through its history the area encompassing the Bunker Hill mine accounts for nearly 42% of the total lead, 41% of the total zinc and 15% of the total silver production in the Coeur d'Alene Mining District. Over this long, 95+ year history, more than 40 separate mineralized zones were exploited, producing 35 million tons of ore concentrate, including a total of 165 Moz of silver. The Bunker Hill historical mine is located in the world class Coeur d'Alene Mining District. For more information please visit our website at www.bunkerhillmining.com.

Position Description

Bunker Hill Mining Corporation is looking for a Mine Engineer to join the underground team. The Mine Engineer will report to the Senior Mine Engineer and be responsible for the day-to-day engineering tasks associated with the development, design and production of the mine. Tasks will include, but not be limited to, collection of engineering study data from mining activities, ventilation surveys, designing utilities systems, cost analyses, time studies, development reconciliation and scheduling.

Essential Functions

Ventilation:

- Collection of ventilation data throughout existing development
- Identify suitable locations for intake and exhaust portals/shafts
- Ventilation sequencing for future stoping activities
- Mapping of ventilation flow with respect to historic workings

Mine Utilities:

- Design and sequencing of associated mine utilities advancement
- Specify utilities requirements in both development and production areas

Mine Planning:

- Short-Range mine planning including:
    - Development design
    - Drift and fill and long-hole stope design
    - Backfill design
    - Scheduling development, production, and backfill
    - Surveying, reconciliation of the schedule and plan with actual

- Sequencing of planned mine activities by coordinating with mine operations regarding power, ventilation, compressed air and water
- Trade-Off analyses for various mine designs
- Assist with the development of the strategic mine plans including 5-year and Life-of-Mine Plans

Mine Design:

- Development design to accommodate mine plan and implement with operational crews and planning
- Stope design
- Surface haulage and conveyance designs
- Rehabilitation designs and plans for existing infrastructure
- Underground crushing and conveyance systems design
- Assist with design and implementation of ground control and related ground support engineering including various rock bolting methods and shotcrete
- Optimize techniques for explosives utilization and storage

Survey:

- Serve as back-up to Mine Surveyor
- Survey of special projects: plan, organize, coordinate, and conduct surveys, tests, or investigations
- Collect data points, interpret results, and prepare and present recommendations

General:

- Provide focused review of site deliverables to ensure completeness, clarity and accuracy, preparation of presentations and reports as required
- Partner with the Environmental team to ensure permits are acquired before mining operations require them
- Troubleshoot problems that arise and frequently inspect active mining areas; analyze and recommend solutions
- Ensure technical deliverables are completed in a timely manner
- Apply standard engineering techniques, procedures, and criteria in making adaptations and modifications to established engineering plans or systems
- Develop and maintain a detailed working knowledge of the mine's operational issues and apply sound engineering practices to resolve them
- Provide engineering support and guidance as required
- Ensure engineering design is in accordance to sound engineering practices

Training and Experience Required

- Bachelor's Degree from a four-year college or university in mine engineering or equivalent required
- Professional Engineer designation preferred
- Experience in underground mining, metallurgy or mineral processing industry or similar relevant experience preferred
- Demonstrated understanding of engineering theories and principles and a demonstrated knowledge of US engineering standards required
- Knowledge of MSHA, Environmental, Safety, State, and Federal regulations as they apply to the essential responsibilities of this position required
- Effective safety performance required
- Ability to perform the essential responsibilities of the position is required

Qualifications and Skill Requirements

Education & Experience:

- Bachelor's Degree from a four-year college or university in Mining Engineering or related field required
- Experience with mine modeling and databasing software strongly preferred
- No prior mine engineering experience is required, but strongly preferred

Skills:

- Independently manage multiple projects, with a focus on process improvement and maximizing efficiency
- Excellent written and verbal communication skills
- Perform other duties as necessary to ensure the success of the company

Abilities:

- While performing the duties of this job, the employee is regularly required to stand, sit and demonstrate manual dexterity
- This position requires regularly walking over uneven, sloped, rocky, wet, or icy ground and the ability to lift 25 or more pounds consistently and safely.
- Personal protective equipment is required when performing work in a mine, outdoor, manufacturing or plant environment, including hard hat, hearing protection, safety glasses, safety footwear, and as needed, respirator, steel-toe boots, protective clothing, gloves and any other protective equipment as required
- Bunker Hill promotes a drug/alcohol free work environment through mandatory pre-employment drug testing

To be considered for this position, please forward your resume to:
hr@bunkerhillmining.com