

# Chief Metallurgist

## Overview of Property

The Greens Creek Mine, located on Admiralty Island, 18 miles south of Juneau, is an underground polymetallic mine employing approximately 420 people. The mine is owned and operated by Hecla Mining Company, headquartered in Coeur D'Alene, Idaho. Established in 1891, Hecla has a rich history as a distinguished and respected precious metals producer. Winner of numerous safety and environmental awards, Greens Creek is seeking new team members committed to professional growth and success.

## Health & Welfare Benefits

Greens Creek is pleased to offer competitive compensation and a comprehensive and flexible benefit plan to provide Health and Welfare, and income protection coverage for employees and their eligible dependents. Employees can customize their benefit plans to the level of coverage desired as well as to the needs of their dependents. In addition to the flexible coverage options, the company makes a significant contribution towards the cost of the benefits.

## Community

Juneau, Alaska's capital is the third largest city in the state. Like Alaska, Juneau is full of contrasts, a sophisticated cosmopolitan city in the heart of the Tongass National Forest. Nestled at the base of mountains overlooking the Gastineau Channel, Juneau is surrounded by intercoastal waterways, lush rain forests, rugged mountainsides and awe-inspiring glaciers. This small city has it all, the adventure of the "last frontier" as well as good education system, year round cultural and sports activities, a wide variety of entertainment, world class fishing and wildlife viewing, temperate weather and a strong sense of community. Juneau is also rich in mining history and Greens Creek is proud to contribute to that heritage by operating in a safe and environmentally responsible manner.

## Summary

Provides metallurgical supervision, oversight, and assistance at a 2300 ton per day Lead-Zinc-Silver surface mill and concentrator to develop, maintain and continuously improve upon the operation. This position is responsible for all activities of the Metallurgical department and reports to the Mill Manager.

## Essential Duties and Responsibilities include the following. Other duties may be assigned.

- Oversee all metallurgical aspects of milling operations: Grinding, flotation, gravity, and de-watering
- Supervise, coordinate and develop the metallurgical staff. All members of the Metallurgical staff will report directly to the Chief Metallurgist to ease the coordination of activities.
- Manage the activities of the Metallurgist staff. Provide guidance to the Metallurgists from an overview perspective, giving feedback to meet long term goals and operational targets.
- Develop and control the metallurgical budgets and provide input to the overall mill budget. Develop and take responsibility for the budgets of the metallurgical lab.
- Propose and justify capital expenditures using the AFE process.
- Provide metallurgical forecasts and projected mill performance estimates using the updated models, keeping all Metallurgical Models up to date.
- Maintain the on-line optimization software and process modeling software.
- Monitor and sponsor development of operational, maintenance and metallurgical information systems.
- Perform or oversee any process engineering functions as it applies to the metallurgical performance or reporting in the mill by helping maintain the SQL server, information data bases, Panel View changes, OSA models, SCADA programming and OCS configurations.
- Interact with the operations group to maximize throughput and recovery in the concentrator, on projects and in day to day operations, incorporating input from operations and maintenance whenever possible.
- Provide technical support and training assistance to Mill Operations with focus on grinding and flotation operators and provide support and guidance on improvement projects throughout the mill.
- Interact with the mine and geology staffs to maximize throughput and recovery and interact with the accounting/marketing group to enhance the customer base and maximize revenue from sales.

- Sponsor internal and external research and development of systems and processes to increase economic recovery from ore, to increase productivity and to decrease costs on a short term and long term basis.
- Coordinate succession planning and professional development.
- Manage and host engineers, consultants, salesmen and visitors relating to metallurgical operations at the concentrator.
- Know, encourage and endorse all Safety, Industrial Hygiene and Environmental standards.
- Coordinate all the Mill Department reporting functions.
- Use bench scale, pilot scale and plant scale testing or analysis of plant data to investigate, develop, refine and improve the metallurgical and materials balance flow sheets.

The mill is highly instrumented and the metallurgists also work with PLC based:

- Graphic operator interfaces
- Process data storage, retrieval, trending and on-line mass balancing
- Expert; advisory and supervisory control systems.
- Modeling software

Other duties may be assigned.

Employees must comply with attendance, safety, environmental and HR policies. Successful candidate must demonstrate the following behavioral skills: productive communication, cooperation, productivity, initiative, creativity, dependability, self motivation, inquisitiveness, sense of responsibility, problem solving and conflict resolution.

While performing the duties of this job, employees may be frequently required to stand, walk or sit for extended periods of time; use hand and fingers to handle or feel; reach with hands and arms; occasionally climb or balance on ladders or platforms; regularly required to talk and hear in person or on radio or telephone. The employee must regularly lift and/or move up to 25 pounds and occasionally lift and/or move up to 50 pounds. Specific vision requirements for this job include close vision, distance vision, and the ability to adjust focus.

Employees may be occasionally be exposed to outdoor work environments and outside weather conditions, wet and/or humid conditions; potentially hazardous wildlife; moving mechanical parts; and high places. The noise level in most work environments is usually moderate and occasionally loud. This position may require occasional work on nights or weekends but is generally a four day per week dayshift position. Daily commute to work site from Juneau by boat and bus required.

### **Education Requirements**

B.S. or equivalent in Metallurgy, Mineral Processing, or related field.

### **Experience/ Special Skills**

Advanced computer skills involving Excel and data bases, and the programming and understanding of computer controlled instrumentation desirable. 8-10 years experience preferred.

### **Applications & Resumes .**

Pay is based on experience and includes a competitive benefits program. Applicants must possess current authorization to work in the United States. Resumes are welcome but **must be attached to an official application form**. Application forms available at Juneau Job Center or at <http://www.hecla-mining.com/careers/>. Completed applications should be forwarded to:

**Juneau Job Center  
10002 Glacier Hwy #100  
Juneau, Alaska 99801  
Phone: 907.465.4562  
Fax: 907.465.2984**

Hecla Greens Creek is an Equal Opportunity Employer.  
Please visit Hecla's website at [www.hecla-mining.com](http://www.hecla-mining.com)  
and our recruiting page at  
<http://www.hecla-mining.com/careers/>