

Job Title: Production Geologist
Department: Mine
Reports To: Senior Production Geologist
FLSA Status: Exempt
Creation Date: 4/3/2018
Revision Date: 4/3/2018



POSITION SUMMARY

Using established procedures, visually inspects and collects underground geologic samples, correlates data, evaluates assays and advises appropriate personnel responsible for production activities.

SAFETY, HEALTH & ENVIRONMENTAL RESPONSIBILITIES AND ACCOUNTABILITIES

Include, but are not limited to:

- Display due diligence in safety & health, and environmental matters and lead by example to ensure the successful implementation of the Safety & Health Management System, and the Environmental Management System
- Promote open communication and cooperation
- Ensure that all employees, contractors, and visitors are informed of safety, health, and environmental issues on site and distribute relevant safety, health, and environmental information
- Ensure Job Hazard Analyses (JHAs) are completed for appropriate tasks and participate in the process
- Undertake safety and health audits and inspections and interact with personnel concerning improving work practices and following up on action items
- Support all personnel in achieving and maintaining desired safety, health, and environmental outcomes
- Recognize superior safety, health, and environmental performance to help increase commitment and participation
- Manage, notify, report, and investigate incidents and hazards in a timely manner as required
- Manage compliance with safety and health requirements and ensure issues are being addressed prior to commencement of work (such as permits completed, isolations checked, and tagging completed)
- Manage compliance with federal and state environmental regulations to ensure a field presence on a routine basis
- Verify that personnel hold the appropriate qualifications and licenses
- Monitor the safe use and control of all tools and equipment
- Promote and assist in the implementation of site safety initiatives and safety-monitoring tools
- Attend and monitor pre-start and toolbox meetings, ensuring they are conducted and minutes are prepared, issued, and action items developed as appropriate
- Assist in preparing and contributing to monthly safety, health and environmental reporting

ESSENTIAL FUNCTIONS

Departmental Responsibilities

- Recognizes various ore and waste types and geologic structures; estimates ore grade and samples rock in production stopes; evaluates assay data; and implements grade control practices applied to cutoff grade economics.
- Monitors production and development headings for waste rock characterization and acid-base accounting; classifies waste rock communicating proper handling and placement; and samples waste rock for acid-base accounting.
- Prepares written and verbal reports communicating status of stoping and development areas to mine engineering, mine operations and mill staff; and reviews and monitors stope and heading plans for possible ground hazards and communicating findings to appropriate personnel.
- Produces geologic maps of development and stoping areas; compiles, plots and maintains up-to-date cross-section and plan-section geologic data; produces and updates last lift, current lift and next lift ore interpretations and forecasts for tons and grade
- Designs in-stope diamond drilling plans and logs and interprets in-stope diamond drilling cores.
- Undertakes geologic project work related to understanding the complex geology of the deposit.
- Complies with attendance, safety, environmental and HR policies.
- Demonstrates required behavioral skills including productive communication, cooperation, productivity, initiative, creativity, dependability.
- Ability to operate standard transmission utility tractor as well as underground utility truck with boom and man-basket.
- Other duties as assigned by management.
- Demonstrates required behavioral skills including productive communication, cooperation, productivity, initiative, creativity, dependability.

QUALIFICATIONS

Education and/or Experience

- BS in geology or related field from a four-year college or university; and/or equivalent combination of education and experience.
- Preferred: One year or more experience in exploration or mining geology, preferably underground.

Other Qualifications

- Proficient with Microsoft and AutoCAD software.
- Preferred: Knowledge of Datamine or equivalent modeling software helpful.
- Familiar with various mining methods.

PHYSICAL DEMANDS

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; climb or balance; stoop, kneel, crouch, or crawl; regularly required to talk and hear. The employee must regularly lift and/or move up to 50 pounds and occasionally lift and/or move up to 75 pounds. Specific vision requirements for this job include close vision, distance vision, and the ability to adjust focus.

Strength	Frequency			Weight	Side	Parameters	
	Occ	Freq	Con			Height From	Height To
Lifting - Core Box		X		50 lb	Two Hands	Floor	Waist
Lifting - Back Pack	X			50 lb	Two Hands	Floor	Shoulder
Lifting - Fire Extinguisher	X			35 lb	Two Hands	Floor	Shoulder
				Weight	Side	Distance	
Carrying - Core Box		X		50 lb	Two Hands	50 ft	
Carrying - Back Pack	X			50 lb	Two Hands	Several Miles	
Carrying - Fire Extinguisher	X			50 lb	Two Hands	50 ft	

Other Physical Demands

Vision:

- Able to judge distances and spatial relationships to avoid accidents while driving and walking underground and on the surface
- Have clarity of vision while operating machinery, reading gauges, and placing tools
- Have clarity of vision for distances while navigating within the mine and access roads efficiently and safely
- Able to adjust varying points of reference while safely navigating the terrain, maintaining awareness of traffic, and operating tools and machinery
- Able to identify vehicles, machinery, and people in peripheral vision

Speaking:

- Able to clearly communicate with co-workers and supervisors on the radio and in person

Hearing:

- Must wear hearing protection while working in loud environments

WORK ENVIRONMENT & JOB SCHEDULE

Employees may be exposed to underground work environments; outside weather conditions; wet and/or humid conditions; extreme cold; extreme heat; potentially hazardous wildlife; moving mechanical parts; high precarious places; fumes or airborne particles; toxic or caustic chemicals; risk of electrical shock; explosives and vibration. The noise level can be very loud. This position may occasionally require work on nights or weekends. The position follows a 8 days on 6 days off base rotation, switching between days nights.

ABOUT US

Greens Creek

The Greens Creek Mine, located on Admiralty Island, 18 miles south of Juneau, is an underground polymetallic mine employing approximately 425 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.

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 a 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 rich in mining history and Greens Creek is proud to contribute to that heritage by operating in a safe and environmentally responsible manner.

Compensation & Benefits

Hecla Greens Creek offers competitive pay based on experience and an excellent low-cost benefits package for medical, prescription, dental, and vision insurance as well as other coverages such as disability coverage and life insurance. Retirement benefits include a pension plan and 401(k) with company match.

APPLICATIONS & RESUMES

Applicants must possess current authorization to work in the United States. Resumes are welcome but **must be attached to an application form**. Applications are available at the Juneau Job Center or <http://www.hecla-mining.com/careers/>. Completed applications should be forwarded to:

**Juneau Job Center
10002 Glacier Hwy #200
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
and our recruiting page at
<http://www.hecla-mining.com/careers/>**

ACKNOWLEDGMENT

I have received my job description and understand I will be evaluated on the requirements of the Production Geologist position.

Signature and Date

Printed Name