



408 Sylvia Lake Rd.  
Gouverneur, NY 13642

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Job Position: Metallurgist

Location: Gouverneur, NY

Employer: Empire State Mines, a Titan Mining Corporation Company

Posted Date: 2024 OCT

**Empire State Mines** is currently seeking a professional to fill the role of **Metallurgist** at its underground Zinc operation. Located within 2-hour drive of The Thousand Islands, Lake Ontario shoreline, the Adirondack Mountains and world class skiing at Lake Placid. Explore Canada with Montreal and Ottawa only 2-3 hours away.

### Responsibilities:

Reporting to the VP of Operations, the Metallurgist:

- Manages quality assurance/quality control for the assay lab and mill operations;
- Monitors the process in the mill to maintain or increase production;
- Work collaboratively with Mine and Shaft Depts to maximize opportunities and minimize production interruptions in the mine;
- Oversees mill maintenance planning;
- Identify and troubleshoot issues in the production process;
- Provide technical assistance to mill operators, millwrights, and lab technicians;
- Runs tests on new ore bodies and chemicals to get optimal recoveries;
- Maintains process chemical inventory and ordering;
- Metallurgical accounting and control of material inventories (concentrate storage, ore tanks, ore pad, etc.);
- Provide A/R Dept with access to metallurgical data for their preparation of provisional invoices, assay exchange and negotiation for final invoices;
- Communicate concentrate inventories and production schedules to Shipping Dept daily/weekly to allow for efficient schedule of outbound concentrate haulage;
- Coordinate with Environmental Dept regarding discharge water quality, flow, treatment and TSF inspections.
- Maintain current knowledge of industry practice, innovation and technological change;
- Budget planning for production operations and capital;
- Manages the mill supervisor, millwright lead, laboratory technicians and other mill personnel as needed;
- Compliance with all company policies and procedures including, but not limited to safety, environmental, confidentiality and code of conduct;
- Consistently exercises discretion and judgment in job performance;
- Works without risk or harm to self and others;
- Punctuality and regular attendance required;
- Helps develop other department personnel to perform duties listed above;
- XRF, AA, titrations, mill surveys, chemical addition and process flows.



- Ensure all employees and contractors are working in a safe manner in line with mine site standard operating procedures and MSHA safety guidelines;
- Other duties, as assigned.

**Qualifications:**

- A bachelor's degree in metallurgical or chemical engineering is preferred;
- At least 5 years' experience required;
- Possesses good communication and interpersonal skills;
- General understanding of mining operations, as well a vast understanding of milling, flotation and maintenance operations.
- Working knowledge and skill with P.C. utilizing word processing, spreadsheet, databases, and presentation software.
- Knowledge in processing modelling software is preferred.
- Strong verbal, written, analytical and persuasive skills and the ability to interact effectively with all levels of employees and management.
- Ability to work independently with little supervision.
- Demonstrates strong administrative, organizational and technical writing skills.
- Presently authorized to work in the United States on a full-time basis.
- Requires valid driver's license.

**EMPIRE STATE MINES offers:**

Competitive Salary Range between \$90,000 - \$120,000 per year contingent on experience and skills  
401K Retirement Plan including additional employer contribution of **5% of gross wages weekly**.  
Excellus Medical plan with low employee contribution, **FREE** Vision, Dental, and Life Insurances  
Paid Vacation, Holidays, and Sick Time Off

**To join this growing team today, submit resume and cover letter specific to the desired job to:**

[Jobs@titanminingcorp.com](mailto:Jobs@titanminingcorp.com)