

lundin mining

Position: Chief Metallurgist

Employer: Eagle Mine LLC

Location: Eagle Mine, Champion, Marquette County, Michigan

General Description: Supervise metallurgical department and be able to assess ore and undertake testing and analysis for feasibility studies and projections of best use of resources and technical outlays.

Key Duties:

Support mill operation and use knowledge of ore behavior to assist with process control development. Provide technical support to mill operations team (process control, targets, and laboratory). Assist in preparation, installation, and fine-tuning of mill process control systems. Elaborate and execute complex sample plans including laboratory analysis to guarantee reliable data relative to the production process. Assist in the reduction of variation in the mine to mill process and establish stable process operations. Use knowledge of flow sheet and metallurgy to work effectively with the mill technical team during problem solving.

Utilize crushing, grinding, classification, froth flotation, thickening, dewatering, filtration and tailings management to recover nickel, copper, lead, zinc and cobalt. Monitor the positioning, quality and functionality of samplers and analyzers to guarantee optimal production process.

Develop onsite metallurgical laboratory test procedures and methods. Oversee maintenance and proper functioning of the metallurgical laboratory. Oversee metallurgical tests and incorporate results into mill process control and operating plan.

Ensure Eagle Mine Health, Safety, and Environmental (HSE) Standards are followed. Engage with operations and maintenance on a regular basis through HSE Interactions. Participate in development of action plans for HSE objectives and targets.

Monitor quality of mill consumables (reagents, media) to ensure consistency. Explore consumables cost reduction alternatives while maintaining metallurgical performance.

Improve metallurgical performance based on objective use of established grade-recovery curves. Monitor ore recovery processes; analyze metallurgical test results to maximize ore recovery. Assist in development of daily, weekly, monthly, and yearly metallurgical accounting procedures.

Analyze and update the production provision algorithm on concentrates, through the analysis of historical data, to make adequate provisions regarding the quantity and content of feed. Track quality of concentrate and explore methods to optimize sales within constraints of smelter contracts.

Education:

Master's Degree in Mining and Mineral Engineering (foreign equivalent acceptable). Experience: None; Training: None; Other Special Requirements: None.

To apply, please submit your resume, referencing “**Chief Metallurgist**” to EagleRecruiting@lundinmining.com