

WATER TREATMENT ENGINEER

TYPE OF SEARCH

International

ABOUT US

Lundin Gold Inc. headquartered in Vancouver, Canada, is part of the Lundin Group of Companies, one of the most recognized, respected and prominent groups in the global industry today. It is comprised of 13 publicly traded companies focused on the extractive sector, operating in more than 17 countries around the world.

Lundin Gold, through its Ecuadorian subsidiary Aurelian Ecuador S.A., owns the Fruta del Norte Mine (FDN), located in southeastern Ecuador in the Zamora Chinchipe Province.

Fruta del Norte (FDN) is one of the largest and highest grade gold deposits in the world currently in production. The Company has an experienced mine operations team dedicated to advancing FDN responsibly. In the fourth quarter of 2019, Lundin Gold realized first gold production as well as the first export of gold concentrate and doré bars. In the first quarter of 2020 FDN achieved commercial production. Lundin Gold operates transparently in accordance with international best practices and according to its three core principles: Working Safely, Environmental Stewardship and Respect.

THE ROLE

To provide the chemical-environmental analysis service, in order to provide chemical water analysis, analyze and model the behavior of the site's water qualities with the support of specific software, Goldsim, delivering operational and engineering solutions to the predictions made in the models that fit the operational and site needs.

RESPONSIBILITIES

- Perform chemical analysis of water, supervise, control, coordinate the work team in charge in order to comply with established standards and work procedures and maximize productivity, ensuring compliance with chemical analysis and delivery of committed models.
- Perform quality control of the analyses performed and comply with the established procedures.
- Review and analyze the results obtained against current operating conditions to ensure that the results obtained are reliable with respect to potential expected results.
- Deliver in a timely manner the corresponding results and analysis, proposing improvements to the system if required.
- Comply with and ensure compliance with safety standards in the areas of their responsibility.
- Daily control the time and date of sample entry and establish priorities for the timely delivery of results, coordinating the performance of the work according to the established requests and priorities.
- Perform chemical analysis of process control with respect to site water management, with the objective of analyzing and modeling the behavior of water quality, in order to act in a timely manner and maintain water quality within the parameters established by the regulations, presenting improvements to the system if required.
- Conduct daily chemical analysis of water samples from the site.

SKILLS AND EXPERIENCE

- University degree in Environmental Chemical Engineering or Chemical Engineering.
- Minimum 5 years of experience in the specific field, water treatment in the mining industry and GoldSim software management.
- Knowledge of chemical analysis and water treatment systems.
- Advanced use of Goldsim for probabilistic modeling.
- Knowledge of equipment, reagents used and their application in water treatment in mining activities.
- Intermediate level of English.