

WATER MANAGEMENT MONITORING SPECIALIST

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

Provide theoretical and practical skills in the use of GOLDSIM software and apply them in hydrological models with emphasis on water balance to determine flows, treatment volumes in WTP and optimize the balance of contact and non-contact water with the management of wells, collection canals and others, in order to meet corporate legal requirements and current regulations, monitoring and optimization of water quality.

RESPONSIBILITIES

- Use of Goldsim software for statistical adjustment.
- Analysis and exploration of the water balance model in GOLDSIM for the operation.
- Develop models in GOLDSIM view and interpret the results.
- Build custom charts.
- Export results.
- Climatological data management for water balance.
- Enter and update water balance model data.
- Train personnel suggested by the Water and Tailings Superintendence in the use of Goldsim software.
- Deliver water balance results in a timely manner.
- Reports weekly or as needed the update of the water balance through executive reports to the Water and Tailings area.

SKILLS AND EXPERIENCE

- University degree in metallurgical engineering, chemistry, systems engineering or related fields with fundamentals in dynamic and probabilistic simulation.
- Have 3 to 5 years of experience in mining activities in chemical analysis and water treatment systems; and 3 years of experience in Goldsim Software programming
- Knowledge of chemical analysis and water treatment systems.