Position:	Mining Specialist

Reports to:	VP Business Development
Direct Reports:	N/A
Location:	Greater Toronto Area, Canada (Preferable)

Company/Technology Overview – A Start-up Disrupting the Mining Industry

Novamera, a well-funded, VC backed company, has developed proprietary 'smart' mining technologies that enable surgical, precision mining to unlock more than $6T in small, narrow deposits globally that have previously been too complex or uneconomic to mine using conventional methods. The solution is a fraction of the cost and produces 95% less waste and 44% less GHG emissions- supporting the goal of reserve replacement and production expansion while assisting with achieving ESG targets.

The technology uses machine vision, algorithms and AI to make 'dumb' drilling equipment 'smart,' able to precisely identify, navigate and extract high-value deposits (e.g., Li, Zn, Ni, Co & Ag, Au). Proven in the field, MOUs and demonstrations are already in place with some of the world's largest mining companies, and Novamera is now looking to reach commercialization by 2025.

Please visit the company website at www.novamerainc.com for more background on Novamera and its technology.

Opportunity – Ground Floor, Leadership Role in Reshaping the Mining Industry

The Mining Specialist ("Specialist") has the opportunity to come on board at the ground floor and be a significant contributor in supporting the business development of the company and the markets in which Novamera's surgical mining technology is sold.

Overview of Position

The Specialist shall have at least 10 years of experience in a technical role in the mining industry such as a geologist or mining engineer and a background in economic modeling. The candidate will report to the VP Business Development and is responsible for project evaluations, curating Novamera's narrow vein database and supporting prospective customer targeting.

The candidate shall be based at the corporate office (preferable) in Oakville, ON just west of Toronto or near Annapolis, MD (home base of CEO).

Responsibilities

Development of surgical mining economic model ("SMEM") for pitch presentations, desktop studies and ongoing customer engagement.

The SMEM defines the use cases for the mining operations and the benefits that surgical mining can provide by adding more production to the customer's project. It has a general framework but will require a certain amount of customization. The SMEM is not meant to have the detail of a regulatory compliant evaluation; however, it's meant to generally capture the value that can be created.

Evaluate the ore body characteristics from technical reports and customer presentations to determine applicability to surgical mining and likelihood of a successful implementation.

Develop a SMEM that incorporates site specific key inputs.

Conduct model simulations and statistical analyses to assess the relevant economic driver sensitivities and their impact on value.

Continuously improve the SMEM by incorporating additional features based on learnings from the client and experience in the field.

Build case studies of use cases pertaining to project optimization and environmental performance to be used as marketing material.

Customer facing activities

As part of Business Development team, present the SMEM to the customers from mine operations through to C-suite.

Work with technical personnel on the customer side to identify the key assumptions and data used in the SMEM.

Support the customer in building their business case.

Understand the end-to-end mining value drivers to be able to communicate and exchange ideas with the customer.

Actively participate and potentially direct activities with the mining sites from early evaluations to commercial deployment.

Manage proprietary global narrow vein database ("NVD")

Consistently update and add new records to the NVD.

Prioritize and rank projects based on correlation of key deposit characteristics to technological capabilities of surgical mining.

Organize project records based on target market segmentation.

Quantify serviceable obtainable market, serviceable addressable market and total addressable market.

Identify and track mining projects in relevant target market and recommend to VP Business Development companies to target.

Support the VP Business Development as needed and commit to the company's accountability system.

Qualifications

- Minimum 10 years experience in the mining industry;
- Knowledge of the global mining industry and deposit settings;
- Ability to understand technical challenges related to ore body characteristics;
- If a geologist, at least five years experience in the field on exploration programs including core logging and managing projects;
- If a mining engineer, at least five years experience in mining operations, either open pit or underground, preferably narrow vein environments.
- Undergraduate degree in earth sciences, geology, geological engineering, mining engineering or business/finance with proven technical experience;
- Proven ability to collect and research mining information and data;
- Familiarity with SEDAR and NI43-101 technical reports is important;
- Strong modeling skills with the ability to manipulate spreadsheets with various types of formulas, pivot tables, macros, etc.;
- Experience with software such as Leapfrog, Vulcan, Mineplan, Datamine a plus;
- Excellent verbal and written communication skills with a focus on:
- Distilling complex technical/financial concepts into understandable content;
- Ability to work in a start-up, high pressure environment with demanding deadlines and changing priorities;
- Flexible to travel to team members at other locations, potential customers and sites as required of the job. The travel can be outside of North America and could average two to four days per month;
- English is required. Fluency in other languages is a bonus;
- Must be able to work legally in Canada or the USA.