



## **GEOTECHNICAL & VENTILATION ENGINEER**

Alexco Resource Corp. owns the majority of the historic high-grade Keno Hill Silver District located in Canada's Yukon Territory. With nearly 1,000 meters of underground development completed at our two new deposits and a robust Pre-Feasibility Study released, Alexco has advanced to production.

This is a great opportunity to be part of the team that is building one of the highest-grade silver operations in the world. The company has an immediate opening for a **Geotechnical & Ventilation Engineer**.

### **POSTION OVERVIEW:**

Reporting to the Chief Mine Engineer, the **Geotechnical & Ventilation Engineer** is responsible to ensure the safe ventilation and provide technical support for all ground control activities at the mine. This will be a 14 day on / 14 day off rotation at our Keno Hill Mine in Elsa, Yukon.

### **KEY RESPONSIBILITES:**

- Respect, know and promote company regulations and policies, particularly with regard to health and safety;
- Issue all plans and specifications necessary for the installation of ground support and ventilation products;
- Present the ventilation installation planning in accordance with development priorities recommended by engineering;
- Participate in the maintenance of the ventilation on demand by performing calibrations of flow meters underground;
- Review 3-month plans to develop a self-managed ventilation work plan over the same period;
- Discuss changes in ventilation systems with, Survey, Mine Planners and Designers as early as possible to allow an effective evaluation of all possible options for effective ventilation changes;
- Compile and issue high-quality instructions and drawings for installation or repair in order to communicate necessary ventilation work to Operations;
- Undertake frequent underground tours, in order to carry out ventilation and ground control inspections of active mine areas and travel ways; and maintain accurate written records;
- Conduct Quality Assessment/Quality Control audits of installed ventilation systems and ground support systems;
- Responsible for providing expertise and applying rock mechanics principles to underground mine design problems, including support for underground mine engineering ranging from conceptual studies to detailed engineering;
- Manage the work required to complete required calculations in a timely manner.

### **EDUCATION AND EXPEREINCE:**

- Bachelor's Degree in Mine Engineering with 3-5 years experience ideally in the underground mining industry;
- College diploma in Mineral Technology with 5-8 years experience ideally in the underground mining industry;
- Experience in hard rock mine rock mechanics is preferred;
- Good computer skills, including Deswik, Ventsim, SIMS, Map 3D and Microsoft Office;
- Commit to safe work practices;
- Advanced knowledge of rock mechanics instrumentation and measurement techniques;
- Great communication skills;
- Able to work in a team environment.

### **CONTACT US**

Please apply directly by submitting your resume, to [hr@alexcoresource.com](mailto:hr@alexcoresource.com) preferably as a Microsoft Word document. Please note, that due to the number of applications we receive, only those selected for an interview will be contacted. No calls please.