

Geotechnical Instrumentation & Database Specialist

Make an impact at Canada's premier mining company.

When you advance your career at New Gold, you are joining a Canadian-focused intermediate gold mining company engaged in the operation, development and exploration of mineral properties. Our mission is to be a leading intermediate gold producer, driving responsible and profitable mining in a way that creates sustainable value for our employee, shareholders, the communities in which we live and work and our environment. To learn more about New Gold, visit our website at www.newgold.com. To learn more about our culture and people practices, visit the [Career page](#).

New Gold attracts and hires highly skilled individuals. By joining our team, you can look forward to:

- A stimulating values-based work
- A culture of collaboration and inclusion
- Inspiring colleagues and approachable leaders
- Career development opportunities
- A deeply rooted commitment to responsible mining, health and safety and community engagement
- A competitive total compensation program
- A comprehensive benefits package including a retirement savings plan

New Afton Mine

Situated 10 kilometers west of picturesque Kamloops, British Columbia, the New Afton Mine is an underground gold and copper producing site.

Kamloops is a city of 90,000 people, located 350 kilometers east of Vancouver. The area provides the opportunity to live and work in a vibrant community with its own university and within easy reach of world class ski resorts, championship golf courses, mountain biking trails, popular recreational lakes and award-winning vineyards.

About the Role

Schedule: Shift 5/2, Monday to Friday, Dayshift only

New Afton offers flexible work from home and earned days off programs to promote a healthy work-life balance.

Position Reports To: Senior Surface Geotechnical Engineer

Position Overview: New Afton mine offers an excellent opportunity to work on a leading-edge project with a world class geotechnical monitoring instrumentation network. The Geotechnical Instrumentation and Database Specialist is integral to the success of New Afton mine. The Geotechnical Instrumentation and Database Specialist is responsible for site coordination of geotechnical monitoring data, planning and execution of instrumentation installs, and associated reporting of all New Afton site geotechnical data transfers to external consultants. The successful candidates experience will be used to inform geotechnical and hydrogeological installation programs, advise on incorporation of new technologies at New Afton, and ensure accuracy and reliability of the data for all reporting needs.

Key Responsibilities

- Lead all geotechnical activities by prioritizing and promoting a safe and healthy work environment.
- Directing, prioritizing, and scheduling of all surface geotechnical data acquisition and reporting.
- Implementing and maintaining an instrumentation database using HxGN GeoMonitoring Hub (GeoHUB) integrated mine monitoring software platform to combine, analyze, visualize, and cross check instrumentation results.
- Scope development, installation, and implementation of new surface geotechnical instrumentation (e.g. inclinometers, VWP, TDRs, and various other instrumentation).
- Coordinate and provide quality assurance of all surface geotechnical data and Automatic Data Acquisition Systems (ADAS) networks.
- Provide mentoring and training to instrumentation field team.
- Assisting with other duties as required.

Qualifications

- Degree or technical diploma in Geotechnical, Geological, Civil, or Mining Related Engineering Degree Diploma from an accredited Canadian institution or international equivalent.
- High level of safety awareness of understanding of safety procedures.
- Minimum five years of experience working with extensive geotechnical instrumentation networks (installation, data collection, automation, and maintenance).
- Effective interpersonal and communication skills, experience working with a multidisciplinary team including contractors and consultants considered essential.
- Experience with quality control/quality assurance of instrumentation readings and troubleshooting considered essential.
- Ability to manage and manipulate data in a variety of ways (including Excel) and an aptitude/interest to learn new software considered essential.
- Experience working on a large construction, mining projects, or field setting considered an asset.
- Experience setting up and working with ADAS systems considered an asset.

Other Requirements

Candidates will be required to participate in a comprehensive qualification process, including:

- Successful completion of pre-placement functional screen
- Provide proof of a valid driver's license
- Demonstrate eligibility to work in Canada
- Provide confirmation of valid educational requirements

Compensation

A competitive salary, performance bonus plan and benefits will be provided. This is not a camp operation and therefore the successful candidate will be required to relocate to the Kamloops area or travel and accommodation will be the responsibility of the successful applicant.

Inclusion, Equal Opportunity, Accessibility

New Gold is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veterans' status, Indigenous status or any other legally protected factors. Disability-related accommodations during the recruitment process are available upon request.



Additional Information

We thank all applicants for their interest but will only contact candidates selected to advance in the hiring process. New Gold does not accept resumes from employment placement agencies, head-hunters or recruitment suppliers that are not in a formal contractual arrangement with the Company. Any resume or other information received from a supplier not approved by New Gold will be considered unsolicited and will not be considered. Visit our [Careers Page](#) or follow us on [Twitter](#).

Applicants can submit their resume and cover letter until 11:59pm on August 24, 2022.