



## Hydrogeologist

### OUR COMPANY:

Denison Mines Corp. ("Denison") is a uranium exploration and development company with project interests in the Athabasca Basin region of northern Saskatchewan and office operations based in Saskatoon, Saskatchewan. Denison is a public company listed on the NYSE American and TSX stock exchanges, and is also engaged in mine care and maintenance for decommissioned mine sites through its Closed Mines group based in Elliot Lake, Ontario. Denison's flagship project is the Wheeler River Uranium Project ("The Project"), which is located approximately 35 km north-northeast of Cameco's Key Lake Operation and 35 km southwest of Cameco's McArthur River Operation in the eastern portion of the Athabasca Basin. The Project is accessible by vehicle and is located about 5 km west of Highway 914.

The Project is the largest undeveloped uranium project in the eastern portion of the Athabasca Basin region in northern Saskatchewan, Canada. A Pre-Feasibility Study ("PFS") was completed in accordance with NI 43-101 in September 2018 highlighting the selection of the in-situ recovery ("ISR") mining method for the development of the high-grade Phoenix deposit. On September 22, 2021 Denison announced the initiation of the Feasibility Study ("FS") for the Project. Concurrently, Denison is also advancing the environmental assessment ("EA") process which is a critical step to securing the approvals necessary to develop and operate a mine in Canada.

With the advancement of the ISR mining method, the Project has the potential to be one of the lowest-cost and most environmentally sustainable uranium mining operations in the world.

Denison is building the Wheeler project development team and is looking to attract top candidates who want to be a part of our ambitious development story.

### THE ROLE:

The key objective of the **Hydrogeologist** role is to provide technical expertise to the project team for determination of subsurface hydrogeological characteristics in support of validating the ISR mining plan at the Company's Phoenix deposit as well as characterising the regional groundwater system to ensure environmental stewardship of the proposed mining method.

You will apply your hydrogeological expertise to help develop, review, assess and validate the groundwater models generated by third party consultants to support the ongoing Environmental Assessment and the Feasibility Study.

This role will also require supporting the field data acquisition intended to calibrate and confirm regional groundwater models and ISR mining production models

The successful candidate will be instrumental in providing continuity and updates to the groundwater models intended to ensure technical accuracy during the detailed engineering phase, the licencing phase and ultimately, the construction, commissioning, start up and operation phase of the project.

This position will be a key Project development team member; will report to the Wheeler River project manager and will interact with all levels of the organization.

***This role will be based in Saskatoon, Saskatchewan. The role will require frequent travel to the project site located in the Athabasca Basin.***

***The successful candidate will be required to follow Denison's health and safety policies and procedures, including the Covid-19 Work Safe plan, and the Company's Covid-19 vaccination protocol. All current staff and any visitors who will attend at Denison's offices, warehouses, field sites and operations are required to be vaccinated. New staff will be required to be fully vaccinated at their commencement of employment and/or prior to attending any facilities.***

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***This role is being offered as a full-time position. All applicants must be eligible to work in Canada. Denison offers a competitive compensation and Benefits Package, including Health and Dental coverage, Life insurance, Employee Assistance program, Bonus program and a Retirement Savings plan.***

***Denison is committed to providing employment opportunities for Indigenous people and members of the communities near where we operate, and encourage applicants who are Indigenous and / or residents of those communities to apply and to voluntarily self-identify the appropriate information in their application details.***

### **OUR IDEAL CANDIDATE:**

You have a high level of technical knowledge in hydrogeology are well versed and able to use various groundwater flow modelling software (FeFlow, Modflow). You have strong leadership and communication skills with a demonstrated ability to work in a team environment. You are a well-rounded candidate with a solid track record of success and overcoming challenges in your career. In addition, you have:

- Degree in geology, hydrogeology, geochemistry, geological engineering, or other related discipline along with a minimum of 5 years' relevant experience. A post-graduate degree specializing in hydrogeology or geochemistry is considered an asset
- Current registration as a P.Eng. or P.Geo.
- Advanced groundwater flow and transport modelling experience
- Advanced knowledge in geophysics
- Field data acquisition and numerical model calibration
- Mining operations / Consulting Engineering / Environmental experience
- Uranium industry experience
- Demonstrates health, safety and environmental leadership
- Great interpersonal skills combined with a positive, team-oriented attitude, and excellent written and verbal communication skills

### **YOUR RESPONSIBILITIES:**

- Development, reviews, calibration, and validation of advanced groundwater flows and transport models to support the Feasibility Study and the Environmental Assessment
- Develop and maintain owners' hydrogeological models and supporting database
- Field data acquisition to support groundwater models including planning, execution, reporting and post processing
- Onsite presence required during the field data acquisition phase including mentoring of junior staff, contractors as well as troubleshooting of data acquisition systems
- Provide support in the production of the Environmental Impact Statement
- Provide support in the production of the Feasibility Study report
- Prepare technical reports, budgets and other presentations
- Prepare procurement documents
- Support the development of a groundwater monitoring program to meet regulatory commitments
- Collaborate and work effectively with internal departments including: Environment, Safety, HR, Accounting, Procurement, Investor relations and other functional groups
- Liaise with external groups such as consultants and contractors as required
- Support Denison's Health, Safety and Environmental procedures, policies and culture

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***Interested applicants should submit their resume with cover letter to [jobs.sk@denisonmines.com](mailto:jobs.sk@denisonmines.com). All applicants must be eligible to work in Canada. Please include the job title for which you are applying in the subject line of your email application. We thank all applicants for their interest; however, only those candidates selected for interviews will be contacted.***