



## Wellfield Engineer

### OUR COMPANY:

Denison Mines Corp. ("Denison") is a public company listed on the NYSE American and TSX stock exchanges focused on the advancement of a portfolio of uranium exploration and development project interests in the Athabasca Basin region of northern Saskatchewan. Denison is also responsible for mine care and maintenance of its decommissioned mine sites in Elliot Lake, Ontario.

Denison's flagship project is the Wheeler River Uranium Project (the "Project"), which is the largest undeveloped uranium mining project in the infrastructure-rich eastern portion of the Athabasca Basin region in northern Saskatchewan. The Project 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.

In August 2023, Denison filed (i) the Feasibility Study ("Phoenix FS") completed for In-Situ Recovery ("ISR") mining of the high-grade Phoenix uranium deposit ("Phoenix") and (ii) a cost update to the 2018 Pre-Feasibility Study for conventional underground mining of the basement-hosted Gryphon uranium deposit ("Gryphon"). With the successful completion of the Phoenix FS, Denison has advanced the planned Phoenix ISR project through the technical de-risking process and has already commenced the first phases of project execution. 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.

The planned Phoenix ISR operation is on track to become the first ISR uranium mining operation in Canada, and 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 **Wellfield Engineer** role is to provide technical leadership and guidance while performing and directing drilling engineering and construction functions in support of the Phoenix ISR wellfield development, including design and execution of complex drilling operations requiring an original or novel analysis and solution.

Reporting to the Director of Technical Services, you will apply your drilling, completions and operational expertise to help develop, review, assess and execute successful wellfield installation programs at the Company's Phoenix ISR operation. You will support field drill programs at various other Denison properties, including Wheeler River (Phoenix and Gryphon deposits), the emerging Waterbury Lake Project (THT deposit) and support other key-development stage assets operated by major partners (McClellan Lake, Midwest and Millenium). In addition, the role will support the current Licensing and Detailed Design of Phoenix.

As a professional Engineer, a portion of your duties may include acting as a subject matter expert in support of reporting, as defined in NI 43-101.

Following full project approvals at Phoenix, the successful candidate will be instrumental in supporting mine construction, wellfield layout, production plans, remediation strategies and implementing innovative methods for continuous improvement.

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

***The successful candidate will be required to follow Denison's health and safety policies and procedures.***

***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 are a professional engineer with a high degree of skill in both drilling and completions of mud-rotary and diamond drilling. You can provide strong technical and administrative skill for the successful development of wellfields, including the installation of injection, recovery, monitoring and freeze wells. 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 Engineering or other related discipline along with a minimum of 10 years' relevant experience, such that the incumbent is clearly recognized as a senior drilling engineer in their field
- A post-graduate degree specializing in Petroleum, Mechanical or Chemical Engineering is considered an asset
- Current registration as a P.Eng. or P.Geo. and eligible for membership in Saskatchewan
- Mining operations / Consulting Engineering / Environmental experience
- Uranium industry experience, including ISR experience would be an asset
- The ability to initiate, develop and complete major engineering studies requiring a high degree of competency
- Detailed knowledge of both diamond drilling, mud rotary drilling, freeze drilling and completions
- Ability to uniquely approach and solve difficult and diversified drilling engineering problems
- 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:**

- Manage capital projects related to wellfield operations, develop and manage project budget, oversee contractors, procure services and supplies
- Assist site management with budget projects pertaining to uranium production and wellfield capital projects
- Provide sound drilling engineering methods and procedures to be used on assigned drilling programs
- Executes and accomplishes assignments and studies in areas outlined in the scope-assuring conformance to overall objectives of all phases of drilling operations in areas including drilling penetration rate optimization, new drilling technology and drilling studies
- Capable of providing technical support for many types of drilling wells including complex vertical injection, recovery, monitor and freeze wells.

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- Proficient in analysing advanced drilling data and the performance of new or existing drilling techniques to determine a need for or benefit from studies, recommendations and/or modifications with respect to unit costs and operating efficiency consistent with established techniques
- Performs and prepares various studies and reports on drilling subjects then provides recommendations, alternative proposals and preliminary design and program outlines with statistical cost data, economic analyses, back-up data and charts and presents, or assists in the presentation of study and proposals to Management, technical and operating groups
- Develop and monitor production data from the Phoenix project, analyse reductions in uranium recoveries and work with the broader technical team and site personnel to develop corrective actions
- Support forecast of future uranium production using historic data, modelling etc.
- Working with site operations personnel, evaluate operational changes affecting uranium production and make recommendations for future capital expansions or improvements to the uranium collection control system
- Provide technical expert leadership on ISR wellfield development, mine production planning and remediation strategies with an emphasis on drilling completions
- Supporting the field data acquisition intended to calibrate and confirm geological models and ISR mining production models, and will support the ongoing Environmental Assessment, economic studies, Front End Engineering and detailed design
- Responsible for developing and organizing the databases for field derived information.
- Responsible for performing QA-QC checks and verification on databases.
- Assisting with the auditing of and production of technical-economic models for financial evaluations of projects and/or mining operations
- Collaborate and work effectively with internal departments including: Environment, Safety, HR, Accounting, Procurement, Investor relations and other functional groups.
- Support Denison's Health, Safety and Environmental procedures, policies and culture

***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.***