

Principal Geophysicist

Denison is redefining mining by **Powering People, Partnerships and Passion**. We are trailblazers in uranium mining, adopting an innovative climate positive approach to mining by deploying ISR methods and building durable partnerships with Indigenous groups in northern Saskatchewan. As a *Certified™ Great Place to Work®*, our success is fuelled by empowering employees with engaging work, unique development opportunities, and lucrative rewards – resulting in an exceptionally talented, diverse, and motivated team throughout all levels of the organization. Flexible and agile thinking ensures our workplace is one where talent thrives, innovation flourishes, and people have fun leveraging their passions to create powerful partnerships and positive results.



THE ROLE:

The **Principal Geophysicist**, possessing extensive experience in executing advanced geophysical investigations and programs, utilizes sophisticated methodologies to assess subsurface structures and facilitate project advancement. Functioning as a subject matter expert (SME) within a multi-disciplinary team, the Principal Geophysicist applies comprehensive geophysical expertise to interpret and analyze data that underpins current development efforts and aligns with the long-term strategic objectives of Denison's Exploration Department.

Key responsibilities of this role include the planning, direction, and active participation in geological and geophysical field studies, along with oversight of drilling and testing programs pertinent to regional development. Moreover, the **Principal Geophysicist** will evaluate and provide guidance on potential natural risks, while also recommending strategies for land acquisitions, exploration and mapping initiatives, and mine development projects. This position plays a critical role in mitigating operational challenges through the application of innovative geophysical methodologies.

This role is being offered as a **fulltime position** based out of Denison's regional office in Saskatoon, Saskatchewan with regular travel to Denison's remote project sites located in northern Saskatchewan. To be considered for this role, 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.

OUR IDEAL CANDIDATE:

Combining extensive technical expertise and strong analytical skills with effective leadership and communication abilities, you will foster collaboration and mentorship among junior staff. You demonstrate adaptability and a commitment to continuous learning while delivering results safely, ethically, on-time, and on budget. Additional qualifications and attributes include:

- B.Sc. or higher in Geophysics or a related field accompanied by professional designation (P.Geo or equivalent) is required.
- 5+ of substantive and progressively responsible professional experience within the industry.
- Previous working experience with unconformity-related deposits in the Athabasca Basin, as well as previous geomodelling experience, will both be considered assets
- Advanced proficiency in EM and resistivity processing, interpretation and visualization, and other specialized geophysical interpretative techniques.
- Excellent communication and interpersonal skills to cultivate relationships, influence and lead cross-functional teams, and collaborate effectively with various disciplines, organizational levels, contractors, and external stakeholders.
- Self-motivated, with a proactive approach to problem-solving and project management and capable of handling multiple projects simultaneously.
- A commitment to continuous learning and innovation in geophysical practices.
- Exemplary analytical skills and a strong attention to detail, committed to delivering high-quality results within established timelines.
- Proven capability to proficiently learn and adapt to new computer software beyond standard office productivity tools, alongside a commitment to embracing updated knowledge and insights while discarding outdated or ineffective methods and practices.
- Willingness to travel for fieldwork as necessary.
- Valid driver's license is required.
- Capability to work independently while establishing and achieving various task objectives over the short, medium and long term.

- Advanced proficiency in English required for writing reports, developing procedures, creating training content and delivering training and presentations.
- Ability to adapt to a dynamic and fast-paced environment while managing changing or conflicting priorities.
- Valid Class 5 Driver's License is required along with the willingness to obtain and maintain First Aid Certification.

YOUR RESPONSIBILITIES:

- Lead and oversee geophysical exploration programs with a primary focus on uranium deposits in the Athabasca basin.
- Develop, implement, and manage geophysical surveys, including airborne, ground-based, and borehole methods, ensuring data accuracy and integrity.
- Perform QA/QC, analysis, and interpretation of ground-based geophysical data using industry-standard software.
- Prepare and condition data for inversion using advanced geophysical programs.
- Generate detailed geophysical interpretation reports and field logistical documentation to confidently evaluate and recommend solutions, plan wells, support drilling, and operational decision-making.
- Develop and optimize monitoring systems for new and existing sites based on geophysical principles, generating new insights and opportunities to develop resource in core operating areas.
- Collaborate closely with multidisciplinary teams, including geologists, engineers, and other technical specialists to advance exploration projects from discovery through to feasibility stages.
- Progress and support capital programs through technical reviews, regulatory approvals, and post execution evaluations.
- Mentor and provide guidance to junior staff, fostering a culture of excellence and continuous learning.
- Prepare and deliver technical reports, ensuring alignment with regulatory standards and operational needs.
- Stay current with industry literature and advancements in geophysical methods.
- Provide on-site support and direction for key programs and contractors as required, ensuring deliverables are achieved safely, on-time, and on budget.
- Ensure compliance with all regulatory requirements, health and safety standards, and environmental policies during all geophysical operations.
- Perform other duties as assigned.

OUR COMMITMENT:

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. Preference will be given to qualified Indigenous candidates.

At Denison, we place a high value on diversity of backgrounds and experience. We strive to create an inclusive workforce that reflects a wide range of cultures, backgrounds, and viewpoints. Our team members are empowered to excel based on their personal merit, qualifications, experience, ability, and job performance. Reasonable accommodations during the hiring process are available upon request. Applicants for this role must be eligible to work in Canada.

TO APPLY:

To submit your resume and cover letter, choose one of the following methods:

CLICK: [Denison Mines – Principal Geophysicist](#)

EMAIL: jobs@denisonmines.com

SCAN:



We thank all applicants for their interest, however only candidates selected for interviews will be contacted.

OUR COMPANY:

Denison Mines is a publicly traded company with a 70-year legacy of uranium mining, exploration, and development in Canada. The company has an effective 95% interest in its flagship Wheeler River Project, which is the largest undeveloped uranium project in the eastern portion of the prolific Athabasca Basin region of northern Saskatchewan. Denison also owns interests in the McClean Lake uranium mines and mill, the Midwest project, the Waterbury Lake project. Collectively, Denison has a project portfolio covering ~385,000 hectares in northern Saskatchewan.

Visit our website at www.denisonmines.com for more information.