

Advisor – Metallurgy

About the job:

PMET Resources Inc. is a pegmatite critical mineral exploration and development company focused on advancing its district-scale 100%-owned Shaakichiuwaanaan Property located in the Eeyou Istchee James Bay region of Quebec, Canada. The Shaakichiuwaanaan Project hosts the largest lithium pegmatite Mineral Reserve in the Americas and is one of the top 10 largest resources globally as well as hosting a significant tantalum component. The Property also hosts the largest pollucite-hosted caesium pegmatite mineral resource in the world. The Shaakichiuwaanaan Project is well positioned to become a North American critical mineral powerhouse.

The Advisor Metallurgy role will provide expert technical guidance and support for the Shaakichiuwaanaan Project, helping to optimize metallurgical processes and ensure that the Project employs the optimal designs for the efficient extraction and processing of mineral resources. This role will be instrumental in guiding and overseeing the optimisation of the metallurgical aspect of its numerous opportunities in lithium, tantalum, caesium, gallium, rubidium and any other critical mineral present in the Shaakichiuwaanaan orebody and proximal mineral resources. This role will collaborate closely with the Project Studies team, Exploration group and various external consultants and partners. The position is based at the Head Office of the Company in downtown Montreal.

Primary Responsibilities:

- Develop, implement, coordinate and monitor metallurgical test programs and process optimization strategies for the Shaakichiuwaanaan Project.
- Ensure a close follow-up with consultants and service providers to ensure timely and adequate execution of deliverables.
- Support project planning, including the design of metallurgical studies and pilot programs (inclusive of geochemical considerations of process tailings and waste rock) in partnership with internal and external stakeholders and partners.
- Actively participate in the design and manage research and development (R&D) projects aimed at advancing novel mineral processing technologies and processes, inclusive of identifying relevant grant opportunities, preparing and submitting applications, and overseeing project execution to ensure alignment with organizational objectives.
- Provide guidance and expert advice on flowsheet and plant design, supported by analyses and trade-offs including consideration for costs and performance but also inclusive of operational and logistical considerations.
- Prepare relevant sections of technical reports and present findings to internal teams and external partners.
- Act as Qualified Person / Competent Person in Company disclosure relevant to the field.
- Design and implement metallurgical sampling standards and procedures (for internal QA/QC purposes as well as for client samples and specifications).

- Oversee the development and administration of budgets and forecasts for metallurgical test programs and consulting mandates, in close coordination with the Finance department.
- Collaborate with environmental and community relations teams to ensure compliance with safety and regulatory standards and ensure projects development is supportive of social license to operate.
- Actively promote a culture that aligns with PMET's safety, environmental and ethical standards.

Education and Training:

- Bachelor's degree in Metallurgical Engineering, Chemical Engineering, Materials Science, or a related field; a Master's degree is considered an asset.
- Maintain active membership in a recognized professional association (such as the Ordre des Ingénieurs du Québec).
- Ability to serve as a Qualified Person (per NI 43-101) and as a Competent Person (per JORC Code) is required.
- Minimum of 10 years of experience in mineral processing or metallurgical operations, ideally in lithium pegmatite mining/processing projects.
- Previous experience in lithium chemical conversion an asset.
- Intermediate computer skills (e.g. MS Office including Excel and Word) are essential.
- Valid Class 5 driver's license.
- Bilingualism (French and English) is required.

Working Conditions

- Office work based in the Montreal office.
- Occasional travel and remote camp work as required. This may include travel to a transport hub (Montreal or Quebec City) to utilize the Company charter flights.
- Strong computer and software proficiency to support daily operational tasks.
- On call capabilities outside of regular work schedule, as required.