

SHAAKICHUWAANAAN

Hard Rock Lithium

In Eeyou Istchee James Bay



ACCOMPLISHMENTS IN 2024 AND LOOKING FORWARD 2025

2024 was a successful year for the Shaakichiuwaanaan project. Patriot was honoured to be recognized by our peers at the XPLORE Gala Awards last October for the Entrepreneur of the Year and to receive the prize in the presence of members of the Tallyman’s Family and Chisasibi community members.

In 2024, we changed the name of the project from Corvette to Shaakichiuwaanaan. We completed the construction of the exploration camp and of the multi-user access road going from km 270 of the Trans-taiga road to the CV5 Spodumene Pegmatite deposit. In 2025, we are looking forward to optimizing our camp operations.

In the summer, we published a Preliminary Economic Assessment and updated the Mineral Resources Estimate. A Feasibility Study on the CV5 Spodumene Pegmatite is scheduled to be released in 2025. Patriot intends to continue to explore and drill to gather geological data and to support the Feasibility Study. Details, as best projected at this time:

Drilling Activities from January to the end of the year:

- Up to 10 active drill rigs are possible at certain times of the year (helicopter, barge and road supported).
- It is expected to be closer to 2-3 rigs in the winter and to 5-8 in the summer.

Surface Exploration from June through mid-October

- Outcrop stripping, trenching, channel sampling, mapping, prospecting and rock sampling.

Ground-Geophysics Survey from January to March

- No line-cutting anticipated.

Patriot completed the desktop audit for the UL 2723 ECOLOGO® Certification for Mineral Exploration Companies in September and the field audit will occur in early 2025 at Shaakichiuwaanaan camp.

Finally, we continue to collect baseline environmental data in support of the Environment and Social Impact Assessment. Patriot intends to file the report to COMEX in September 2025.

ENVIRONMENTAL BASELINE DATA COLLECTION FIELD PROGRAM

Environmental baseline data collection began on the Shaakichiuwaanaan Project in 2022 and 2023 and continued throughout 2024 with assistance from WSP and Niigaan (a Cree enterprise). Several field programs were conducted and are contributing to the upcoming Environmental and Social Impact Assessment.

Water

- Water quality baseline studies: 24 monitoring stations within the Project study area, which were sampled six times between 2022 and 2024.
- Sampling of sediment and benthic invertebrates in fall 2024.
- Hydrology program: measurement of water flows and levels at 11 hydrometric stations established on lakes and streams. These stations have been visited three times per year since 2022, during spring freshet, low water and fall freshet.

Fish and Fish Habitat

- Fishing activities were undertaken in the Project study area throughout the open water season of 2024.
- Efforts focused on habitat characterization, fish sampling, and water sampling for eDNA analysis to validate the presence of fish in water bodies where no fish were caught.
- A particular attention was paid to the delineation of legal fish habitat in all permanent and intermittent water bodies and streams.

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Field technicians undertaking hydrology and fisheries works, 2024, Shaakichiuwaanaan Project.

Soil Quality

- Soil quality testing: sampling and analysis of soil from boreholes within the planned Project footprint.
- Sampling of an additional five trenches to allow for the development of soil mapping.

Birds

- Bird surveys took place both remotely and in person throughout the study area.
- Several acoustic recording stations were installed.
- A comprehensive ornithological survey took place over a period of 15 days in the summer of 2024.

Bats

- Acoustic stations for recording bat calls were installed within the study area.
- Data was collected seasonally for analysis.

Vegetation and wetlands

- A vegetation and wetlands survey took place in the summer of 2024 to delineate wetlands and identify any potentially rare plants within the study area.

Archeology

- Zones with indigenous archaeological potential were defined through desktop studies.
- A flyover of the study area was undertaken in 2024.
- An archaeological field survey is planned for 2025 to confirm the presence of any archaeological or cultural artifacts within these identified zones.

Landscape

- A landscape inventory was carried out in 2024 to document the current light conditions in and around the study area to define intrusive light, sky clarity and landscapes and confirm the presence of existing light in the area.
- Photographs of the landscape (day and night) were also taken at several stations to document existing conditions and to be able to simulate future conditions associated with the Project.

Noise

- Six locations have been identified as noise monitoring stations.
- A noise monitoring station was installed in November for 24 hours at each of these locations to establish baseline noise levels surrounding the project study area.
- The locations were chosen in consultation with the Company’s Cree partners as potentially sensitive receptors near the site and on the Trans-Taiga Road.



Field technicians undertaking vegetation studies and water quality sampling 2024, Shaakichiuwaanaan Project.

MINING 101

UL 2723 ECOLOGO®

Certification



CERTIFICATION FOR MINERAL EXPLORATION COMPANIES


To provide visibility into Patriot’s own operations and to better communicate the Company’s ESG stewardship to stakeholders, the Company decided to pursue the UL 2723 ECOLOGO® Certification Program for Responsible Development for Mineral Exploration Companies. The ECOLOGO® certification is the first comprehensive certification for mineral exploration companies and their service providers that features credible third-party audit of environmental, social and economic practices. To obtain and maintain ECOLOGO® certification, companies are evaluated on:

-  **Legal compliance**
 - Compliance with sustainable development principles along the value chain
-  **Local Investment**
 - Selection of local labour
 - Selection of local suppliers
-  **Environmental quality**
 - Efficient use of natural resources
 - Air quality
 - Soil quality
 - Water quality
 - Respect for sensitive areas and wildlife habitat
-  **Work Environment**
 - Occupational health and safety
-  **Business Ethics**
 - Corruption prevention
 - Accountability of executives and managers
-  **Quality of Life**
 - Recognition of the concerns and accommodation of communities affected
 - Recognition of the concerns and accommodation of Indigenous communities
 - Noise and sensory environment
 - Quality of visual environment
 - Health and safety of communities
 - Respect for cultural heritage
-  **Transparency and reporting**
 - Information sharing
-  **Innovation**
 - Responsible use of technologies
-  **Economic efficiency**
 - Efficient use of financial resources

I CHOOSE.
UL ECOLOGO® CERTIFICATION FOR MINERAL EXPLORATION

This evaluation includes a thorough documentation review and an on-site visit. Patriot submitted documentation for audit on November 17, 2023. The desktop audit was completed on September 30, 2024 and Patriot received certification. The field audit will occur early 2025 at Shaakichiuwaanaan Project.

 **Online Resource**

Ecoloگو Certification for Mineral Exploration  [Click here](#)

COMMUNITY Participation Events & Contribution



INVITATION TO A PUBLIC INFORMATION SESSION

WELCOME TO ALL COMMUNITY MEMBERS!

Information Session

January 22, 2025
Starts at 6:00 pm

Presentation:
Update on the Project

World Café:
Round table discussions

Wrap up:
Summary of the discussion

**Patriot Community
Liaison Office**
15 Maammuu Road
Suite 204A
Chisasibi
(second floor of the
Commercial Center)

Shaakichiuwaanaan Project



COMMUNITY MEMBERS PARTICIPATING IN THE SHAAKICHIUWAANAAN PROJECT

In 2024, 120 First Nation people participated in the Shaakichiuwaanaan project. They were working on site mainly for:

- Muskwa JV formed between Fusion Drilling and Saskounan Construction (drilling & civil works)
- Dahrouge Geological Consulting (exploration activities)
- Domco and MIS (camp operation, janitorial and catering services)
- Niigaan (environmental inventories)

SPONSORSHIP & DONATION PROGRAM

In 2024, Patriot provided financial support for: the Elders’ trip to Montréal organized by the Elder Council; the Mamoweedow; and the Chisasibi Festivities. We also donated to the Fonds Restor-Action Cri. This fund supports remediation activities of abandoned mining exploration sites on the Eeyou Istchee territory. The work is performed by the Environmental and Remedial Works Department of the Cree Nation Government. Patriot contributed to the Reconstruction Initiative Forest Fire Fund 2023 (RIFF). The RIFF was created by 16 mining and exploration companies along with the Cree Hunters Economic Security Board for the reconstruction of cabins that were burned in the aftermath of extensive damage cause by the wildfire in 2023 in the Eeyou Istchee James Bay territory. Starting in 2025, the RIFF will finance the reconstruction of burned cabins and complement the work underway by the Cree Trappers’ Association.

If you oversee a community initiative and you need support, please contract Edward Bearskin and he will guide you through our Sponsorship & Donation application process.

Edward Bearskin

Community Liaison Coordinator

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NEWS RELEASES

Highlights

From last quarter



To access all Patriot Battery Metals news releases, please visit <https://patriotbatterymetals.com/news/>

 [Click on the titles to read more](#)

	Oct. 27, 2024	UPDATE ON 2024 SUMMER-FALL EXPLORATION AND DEVELOPMENT ACTIVITIES AT SHAAKICHIUWAANAAN, QUEBEC, CANADA
	Nov. 1, 2024	PATRIOT BATTERY METALS AWARDED ENTREPRENEUR OF THE YEAR BY THE QUEBEC MINERAL EXPLORATION ASSOCIATION
	Nov. 11, 2024	PATRIOT PROVIDES AN UPDATE ON ESG INITIATIVES AND ENVIRONMENTAL BASELINE DATA COLLECTION FOR SHAAKICHIUWAANAAN LITHIUM PROJECT
	Nov. 26, 2024	INVESTOR AND SHAREHOLDER UPDATE WEBINAR
	Nov. 26, 2024	PATRIOT COMPLETES HIGHLY SUCCESSFUL IN-FILL & DEVELOPMENT DRILL PROGRAM PROPELLING SHAAKICHIUWAANAAN DOWN THE DEVELOPMENT PIPELINE
	Dec. 4, 2024	PATRIOT SUCCESSFULLY PRODUCES SAMPLE OF BATTERY-GRADE LITHIUM HYDROXIDE FROM THE CV5 SPODUMENE PEGMATITE
	Dec. 11, 2024	PATRIOT DRILLS 31.2 M AT 3.35% LI2O AT CV13 INCLUDING 4.7 M AT 5.37% LI2O, SIGNIFICANTLY EXPANDING THE HIGH-GRADE VEGA ZONE
	Dec. 18, 2024	C\$69 MILLION INVESTMENT, OFFTAKE AND STRATEGIC PARTNERSHIP WITH VOLKSWAGEN AND POWERCO TO PROPEL PATRIOT BATTERY METALS TOWARDS PRODUCTION
	Dec. 18, 2024	INVESTOR WEBINAR – INVESTMENT, OFFTAKE AND STRATEGIC PARTNERSHIP WITH VOLKSWAGEN GROUP AND POWERCO

UPDATE ON OUR WEBISTE

To provide transparency and to clearly communicate on our ESG approach and performance, Patriot has updated its website to include additional information.

- Sustainability  [Click here](#)
 - Environment
 - Social
 - Governance
- Information Hub  [Click here](#)

SIGN UP FOR NEWS ALERTS

 www.patriotbatterymetals.com/news-alerts/

2023 SUSTAINABLE DEVELOPMENT REPORT



This report provides information about our vision and the status of our ESG approach.

To consult the report

 [Click here](#)

CONTACT INFO

Get in touch

We welcome your feedback



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