

North Americas Lithium Solution

Diggers & Dealers – August 2024

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FORWARD-LOOKING ASSUMPTIONS/ESTIMATES in this presentation reflects Patriot Battery Metals' current views with respect to future events and are necessarily based upon a number of assumptions and estimates that, while considered reasonable by Patriot Battery Metals, are inherently subject to significant business, economic, competitive, political and social uncertainties and contingencies. Many factors, both known and unknown, could cause actual results. performance or achievements to be materially different from the results, performance or achievements that are or may be expressed or implied by such forward-looking information contained in this presentation and documents incorporated by reference, and we have made assumptions based on or related to many of these factors. Such factors include, without limitation: fluctuations in spot and forward markets for metals and certain other commodities (such as natural gas, fuel oil and electricity); restrictions on mining in the jurisdictions in which Patriot Battery Metals operates; laws and regulations governing our operation, exploration and development activities: its ability to obtain or renew the licenses and permits necessary for the operation and expansion of its existing operations and for the development, construction and commencement of new operations; risks and hazards associated with the business of mineral exploration, development and mining (including environmental hazards, potential unintended releases of contaminants, industrial accidents, unusual or unexpected geological or structural formations, pressures, cave-ins and flooding); inherent risks associated with tailings facilities, including failure or leakages; the speculative nature of mineral exploration and development; the inability to determine, with certainty, production and cost estimates; inadequate or unreliable infrastructure (such as roads, bridges, power sources and water supplies); environmental regulations and legislation; the effects of climate change, extreme weather events, water scarcity, and seismic events, and the effectiveness of strategies to deal with these issues; risks relating to Patriot Battery Metals' exploration operations;

fluctuations in currency markets (such as the US dollar versus the Canadian dollar); the volatility of the metals markets, and its potential to impact our ability to meet its financial obligations; Patriot Battery Metals' ability to recruit and retain qualified personnel; employee relations; disputes as to the validity of mining or exploration titles or claims or rights, which constitute most of its property holding; Patriot Battery Metals' ability to complete and successfully integrate acquisitions; increased competition in the mining industry for properties and equipment; limited supply of materials and supply chain disruptions; relations with and claims by indigenous populations; relations with and claims by local communities and non-governmental organizations; the effectiveness of its internal control over financial reporting; claims and legal proceedings arising in the ordinary course of business.

Forward-looking information is made based on management's beliefs, estimates and opinions and are given only as of the date of this presentation. Patriot Battery Metals undertakes no obligation to update forward-looking information if these beliefs, estimates and opinions or other circumstances should change, except as may be required by applicable law. Mineral exploration and development are highly speculative and are characterized by a number of significant inherent risks, which may result in the inability to successfully develop our projects for commercial, technical, political, regulatory or financial reasons, or if successfully developed, may not remain economically viable for their mine life owing to any of the foregoing reasons, among others. There is no assurance that the Company will be successful in achieving commercial production and the likelihood of success must be considered in light of the stage of operations.

Current and potential investors should not place undue reliance on forward-looking statements due to the inherent uncertainty therein. All forward-looking information is expressly qualified in its entirety by this cautionary statement.

QUALIFIED/COMPENTENT PERSON

The information in this presentation that relates to the mineral resource estimate and exploration results for the Shaakichiuwaanaan Property is based on, and fairly represents, information compiled by Mr. Darren L. Smith, M.Sc., P.Geo., who is a Qualified Person as defined by National Instrument 43-101, and member in good standing with the Ordre des Géologues du Québec (Geologist Permit number 1968), and with the Association of Professional Engineers and Geoscientists of Alberta (member number 87868). Mr. Smith has reviewed and approved the technical information in this presentation.

Mr. Smith is Vice President of Exploration for Patriot Battery Metals Inc. and holds common shares and options in the Company.

Mr. Smith has sufficient experience, which is relevant to the style of mineralization, type of deposit under consideration, and to the activities being undertaken to qualify as a Competent Person as described by the JORC Code, 2012. Mr. Smith consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

PATRIOT BATTERY METALS

Introduction / Highlights

Patriot Battery Metals is a hard-rock lithium exploration and development company, focused on advancing its district-scale discovery at the 100% owned Shaakichiuwaanaan (shaa-gichi-waa-naan) Property in the James Bay region of Quebec.



SCALE, HIGH-GRADE, QUALITY JURISDICTION

Shaakichiuwaanaan (formally known as Corvette), is already the largest lithium pegmatite Resource^{1,2} in the Americas, the 8th largest globally, with significant exploration potential. Large spodumene crystals allows for simple process flowsheet and high recoveries. Shaakichiuwaanaan could be the largest spodumene supplier in the Americas.



Cash position of \$119M pro-forma equity raise as of April 30th giving us the ability to pursue Shaakichiuwaanaan's advancement

2 Please refer to news release 'Significant Mineral Resource Upgrade at Shaakichiuwaanaan Lithium Project to Underpin Impending PEA' dated August 5th, 2024.



Disciplined exploration and development initiatives targeting a production timeline aligned with the downstream capacity needs of North America and Europe

¹ Shaakichiuwaanaan (CV5 & CV13) Mineral Resource Estimate (80.1 Mt at 1.44% Li_2O and 163 ppm Ta₂O₅ Indicated, and 62.5 Mt at 1.31% Li_2O and 147 ppm Ta₂O₅ ppm Inferred) is reported at a cut-off grade of 0.40% Li_2O (open-pit), 0.60% Li_2O (underground CV5), and 0.80% Li_2O (underground CV13) with an Effective Date of June 27, 2024 (through drill hole CV24-526). Mineral resources are not mineral reserves as they do not have demonstrated economic viability.

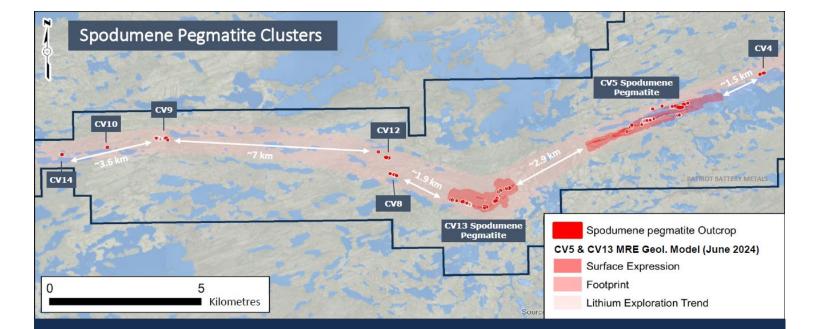
SHAAKICHIUWAANAAN PROPERTY

(Still) The Largest in the Americas

• 100% Owned

- NEW Consolidated Mineral Resource statement^{1,2} (CV5 and CV13):
 - 80.1 Mt at 1.44% Li2O and 163 ppm Ta2O5 Indicated, and
 - 62.5 Mt at 1.31% Li2O and 147 ppm Ta2O5, Inferred
- 6.9 km of collective strike now confirmed to host continuous spodumene pegmatite Mineral Resources – remains open along strike and to depth

¹ Shaakichiuwaanaan (CV5 & CV13) Mineral Resource Estimate (80.1 Mt at 1.44% Li₂O and 163 ppm Ta_2O_5 Indicated, and 62.5 Mt at 1.31% Li₂O and 147 ppm Ta_2O_5 ppm Inferred) is reported at a cut-off grade of 0.40% Li₂O (open-pit), 0.60% Li₂O (underground CV5), and 0.80% Li₂O (underground CV13) with an Effective Date of June 27, 2024 (through drill hole CV24-526). Mineral resources are not mineral reserves as they do not have demonstrated economic viability.



Shaakichiuwaanaan Mineral Resource Estimate^{1,2} — 80.1 Mt @ 1.44% Li₂O, Indicated and 62.5 Mt @ 1.31% Li₂O, Inferred (largest lithium pegmatite in the Americas and 8th largest globally)

² Please refer to news release 'Significant Mineral Resource Upgrade at Shaakichiuwaanaan Lithium Project to Underpin Impending PEA' dated August 5th, 2024.

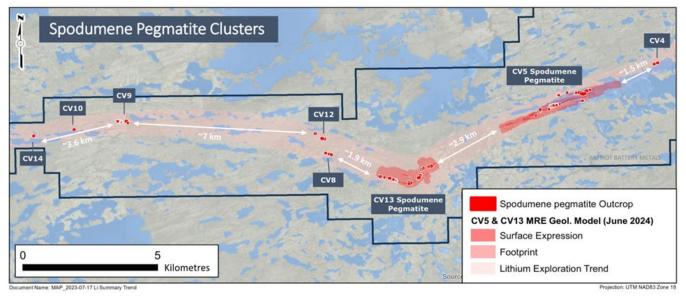
SHAAKICHIUWAANAAN PROPERTY

Exploration Target¹

• Significant Exploration Target outlines the potential for additional tonnage at the Shaakichiuwaanaan Property

• 146 to 231 Mt at 1.0 to 1.5% Li2O.

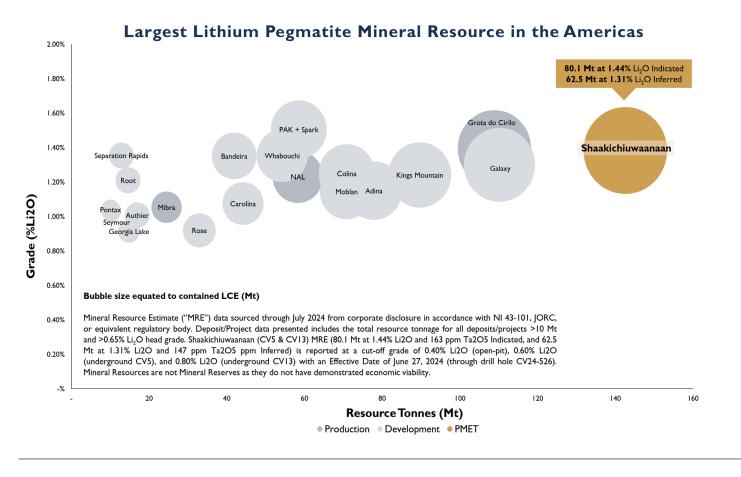
The potential quantity and grade of the Exploration Target are conceptual in nature. There has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the Exploration Target being delineated as a Mineral Resource. The Exploration Target has been determined based on the interpretation of a consolidated dataset of surface rock sample descriptions and assays, outcrop mapping and descriptions, drill hole logs and core sample assays, geophysical surveys, and remote sensing data.



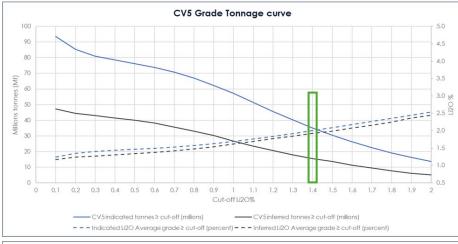
- Exploration Target is in addition to (i.e., does not include) the Shaakichiuwaanaan Mineral Resource Estimate announced concurrently.
- Exploration Target only considers the CV Lithium Trend and immediately proximal areas.
- Completed by BBA Engineering Ltd., a consultant independent of the Company.

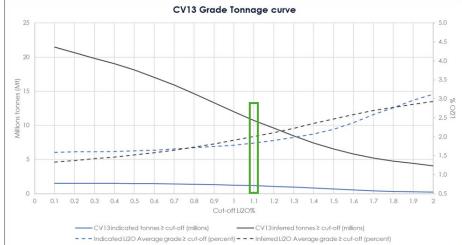
¹ Please refer to news release 'Exploration Target for the Shaakichiuwaanaan Lithium Project Outlines District Scale Opportunity, Quebec, Canada' dated August 5th, 2024.

Large, High-Grade



Sensitivity Analysis by Cut-Off Grade^{1,2}





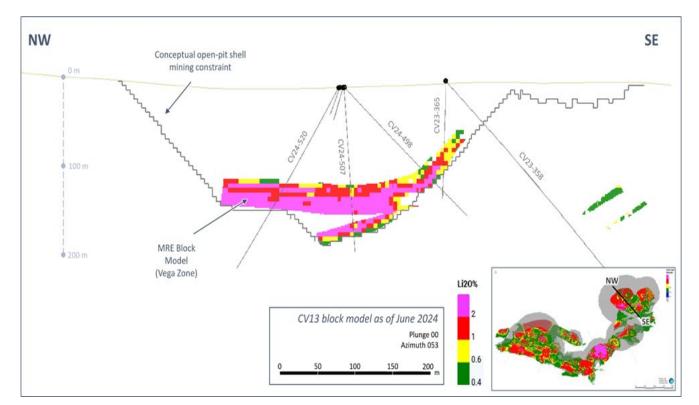
¹ Mineral Resource sensitivity analysis should not be interpreted as a Mineral Resource. The table presents the sum of the open-pit and underground constrained and classified resources at the same cut-off. The data is presented to demonstrate the Mineral Resource tonnage and grade sensitivity to various cut-off grades. The selected cut-off grade for the base case is 0.40% Li2O with the revenue factor 1 pit shell constraint for CV5 and CV13, with a 0.60% Li2O and 0.80% Li2O underground cut-off grade for CV5 and CV13, respectively.

² Please refer to news release 'Significant Mineral Resource Upgrade at Shaakichiuwaanaan Lithium Project to Underpin Impending PEA' dated August 5th, 2024.

CV13 HIGH GRADE ZONE

New High-Grade Zone at CV13

- New high-grade spodumene pegmatite zone discovered at CV13:
 - 34.4 m at 2.90% Li2O, including 21.9 m at 3.58% Li2O (CV24-470), **discovery hole**.
 - 51.7 m at 1.77% Li2O, including 9.7 m at 5.16% Li2O (CV24-525).
 - 35.3 m at 2.40% Li2O, including 17.4 m at 3.12% Li2O (CV24-520).
 - Mineralization at shallow depth (starting at ~100 m vertical depth from surface) with a near-horizontal orientation, and open in multiple directions.



Cross-section of the CV13 Spodumene Pegmatite block model (Vega Zone), with conceptual open-pit constraint shapes

CV5 & CV13

Simple Minerology & Metallurgy

Both CV5 and CVI3 — Potentially Processable at the same Plant

- **Consistently large spodumene crystals** (potentially from the same source)
- Representative testwork done across the pegmatite
- **Coarse-grained** spodumene liberates effectively at ~6.5 mm and ~9.5 mm crush sizes
- Low Fe₂O₃ present, ~0.65% in concentrate: iron is key impurity to evaluate
- Metallurgical test work indicates a >5.5% Li₂O spodumene concentrate at high recovery (~70%) may be produced using only Dense Media Separation (DMS)

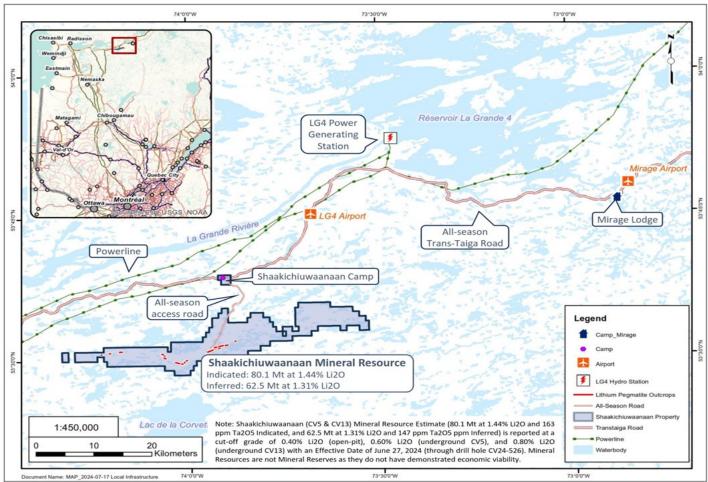


TOP TIER MINING JURISDICTION

Near Infrastructure

CV5 Spodumene Pegmatite at the Shaakichiuwaanaan Property is Strategically Located in the James Bay Region of Northern Quebec

- ~13 km from all-weather road access
- ~14 km from existing hydropower lines
- ~50 km from La Grande-4 hydropower station
 - Access to green power allows for potential to produce low-carbon emissions lithium in the future



INFRASTRUCTURE INVESTMENT

Shaakichiuwaanan Camp

The camp is located at KM270 on the Trans-Taiga Road.

The camp is a **critical** infrastructure considering upcoming closure of **Mirage Outfitters** in Q4 2024 and includes the following facilities:

- 80 room camp for Phase I; expansion to a total of 150 rooms planned for summer 2024.
- Heated workshop for mechanical support of equipment.
- Camp facilities include dormitories, kitchen/dining facility, office space, nurse stations, recreation complex.
- Core management and storage with fuel facility and potable water supply.



INFRASTRUCTURE INVESTMENT

All Weather Road

- The All-Season Access Road extends south from KM270 on the Trans-Taiga Road a distance of ~20 km south to the CV5 deposit
- The road is a critical investment and will **enable significant cost savings** on future drilling and exploration expenditures
- The road includes three bridges (ranging from 30 feet to 100 feet in length) and 12 culvert installations
- The road has been constructed to MRNF Class 4 standards and will provide safe reliable access to the CV5 deposit during the entire development phase of the project



PERMITTING

Mining Approval Process

| Project Description Project guidelines | Environmental Impact Assessment Report Baseline Data collection (2 years) Alternatives Assessment Preferred Project Design (based on the Study) Project Effects Assessment Environmental Impacts & Mitigation Measures Stakeholder Commitments (Feed into the IBA) | Impact Benefit Agreement (Commitments to Local Communities) + COMEX Positive Recommendation = Fully Permitted to Commence Project Construction |
|---|---|--|
|---|---|--|

| | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|--|----------|------|------|------|------|------|------|------|------|
| Typical Cree Approvals Process | | | | | | | | | |
| Discovery | ~ | | | | | | | | |
| Project Description | | | | | | | | | |
| Environmental Studies / ESIA Preparation | | | | | | | | | |
| PEA / Feasibility Study | | | | | | | | | |
| COMEV / COMEX Deliberation | | | | | | | | | |
| IBA Negotiation | | | | | | | | | |
| Construction | | | | | | | | | |
| Commissioning & Production | | | | | | | | | |

PATRIOT BATTERY METALS

Market Commentary

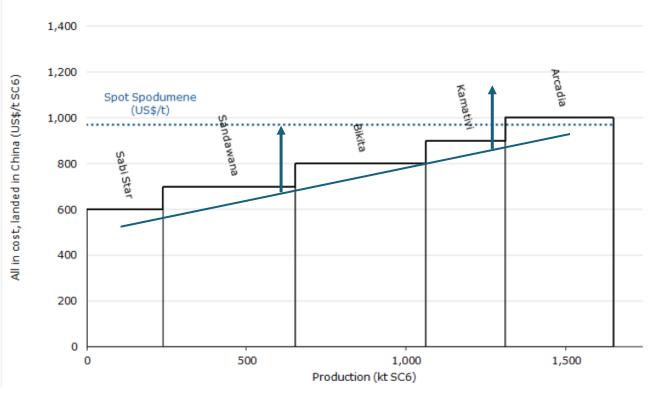
MARKET COMMENTARY

Supply Side

- China's supply-side response has been successful in the last couple of years, however it has come at a cost.
- For just one example, look at Zimbabwe

From our friends at Cannacord, some inciteful analysis (July 2024)...

"...a source of supply growth, but it comes with a catch......These include ability to reach name plate capacity (engineering, mining and plant build quality), lower concentrate grades (2023 avg of 2.9%), higher costs (lower output, inflation, fuel and logistics) and increased sovereign challenges (capital gains tax changes from 5% to 20%, changes export permits). So while we see the potential of Zimbabwean supply, and upgrade our long-term output, we also believe near-term capacity is somewhat overstated and this supply tends to be clustered at the top end of the cost curve." (emphasis added)



Source: Company reports, Canaccord Genuity estimates

Zimbabwe – Hard Rock cost of Production (Cannacord – July24)

MARKET COMMENTARY

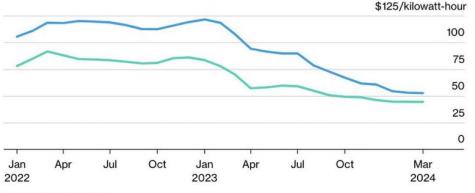
Demand Side

- China's dominance of New Energy industries is now complete with its leading position in the lithium-ion supply chain.
- Lithium Iron Phosphate (LFP) cells in China are now in a cost position no western analyst would have imagined just a few years ago, having halved in sale-price in the last 12 months.
 - As cell prices drop the addressable market for the batteries balloons, driven by EV's and then applications in static energy storage
- Geo-political risk is escalating
- The west has to respond to ensure a competitive position in carmaking and manufacturing more generally

Battery Margins Are Being Squeezed

China cell spot prices and manufacturing costs

/ Lithium iron phosphate cell spot price / BNEF calculated cell manufacturing cost

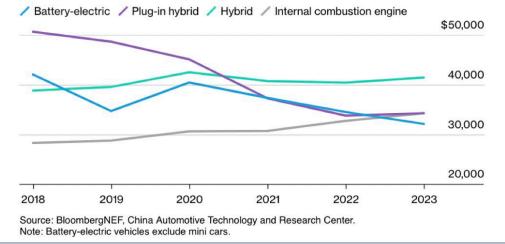


Source: BloombergNEF

Note: The cell mentioned here is in prismatic format and excludes taxes. LFP spot price comes from the ICC Battery price database. Estimated cell manufacturing cost is for LFP cells and uses the BNEF BattMan cost model.

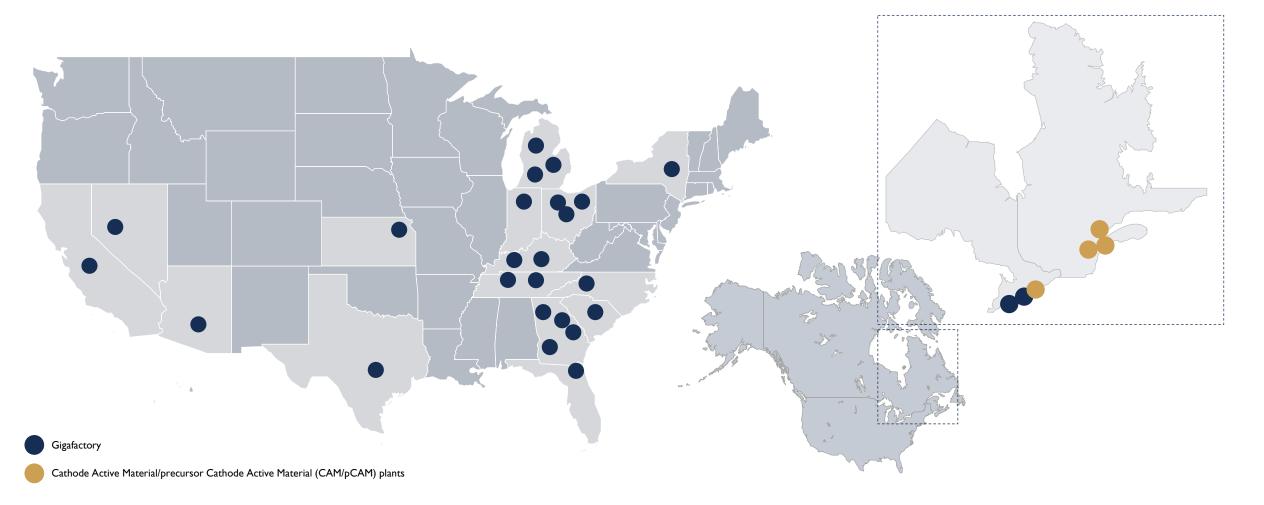
Electric Vehicles Are Cheaper Than Combustion Models In China

Average vehicle transaction price by drivetrain



MARKET COMMENTARY

N. American Downstream Landscape



Exploration, Resource Growth and Project Delivery



Continue to Drill

- Extend CV5 westward to CV13
- ✓ Infill drilling at CV5
- ✓ Drill CV13
- Drill the CV8, CV9, CV10, and CV12 spodumene pegmatite clusters



Exploration/ Development

- Surface work on the remaining prospective trend yet to be assessed
- Discover and drill new spodumene pegmatite clusters
- Continue to advance infrastructure like allweather road and camp to support activities on site



- Build and enhance relationships with Chisasibi and the Cree Nation
- Ensure local participation:
 - Employment
 - Business opportunities
 - Environmental data collection and traditional knowledge



Develop CV5

- Upgraded CV5 mineral resource estimate
- Progress EIS and permits for development
- Progress towards a preliminary economic assessment (PEA)
- Become a long-term lithium supplier in North America

PATRIOT BATTERY METALS

Approvals Process



Cree Engagement





- Recent site celebrations / ceremony and feast
 - Approximately 40 community members, including the Tallyman and his family
 - The entire site team
- Camp Shaakichiuwaanaan
 - The name means climbing a hill or a mountain
 - As chosen by the Tallyman, his family and supported by the broader Cree community

PERMITTING

Shaakichiuwaanaan: Impact Assessment Processes

Provincial Assessment & Review Procedure

- All mining projects located south of the 55th parallel, in the territory is governed by the James Bay and Northern Quebec Agreement ("JBNQA")
- COMEX Environmental and Social Impact Review Committee. Bipartite Quebec-Cree body, responsible for reviewing projects south of the 55th parallel. Comprised of 2 members appointed by the Cree and 3 members appointed by Quebec.

Federal HADD

- Formal Federal authorization process (referred to as HADD) managed by the Department of Fisheries & Oceans ("DFO") to obtain a permit when a fish bearing waterbody is impacted
- Partially draining the lake to access the CV5 Pegmatite requires a HADD



PERMITTING

Environmental Baseline Work

Q3 22 Q4 22 Q1 23 Q2 23 Q3 23 Q4 23 Q1 24 Q2 24 Q3 24 Q4 24 Q1 25 Q2 25 Q3 25 Q4 25

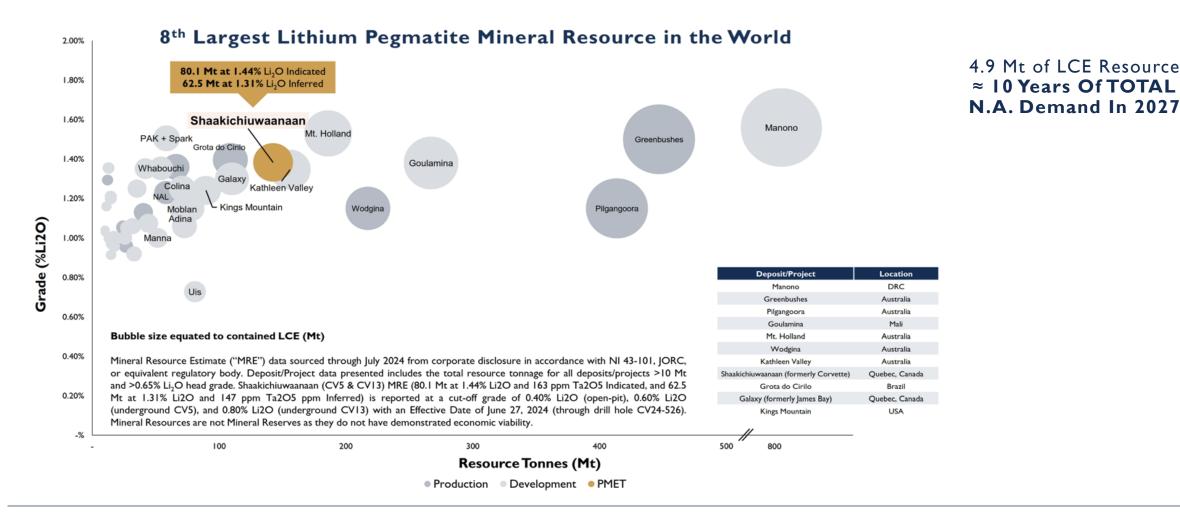
| Baseline StudyWork | Completed | Completed | Completed/Planned | Planned |
|---------------------------------|-----------|-----------|-------------------|---------|
| Geochemistry | | | | |
| Soils | | | | |
| Hydrology & bathymetry | | | | |
| Surface water quality | | | | |
| Hydrogeology & groundwater | | | | |
| Vegetation & wetlands | | | | |
| Fish & fish habitat | | | | |
| Large mammals | | | | |
| Avian wildlife | | | | |
| Other (soundscape, light, etc.) | | | | |
| Archeological | | | | |
| Кеу | | | | |
| Completed | | | | |
| Planned | | | | |

Gantt chart of Environmental baseline work completed to date and planned to support the submission of the ESIA

Appendices



CV5 & CV13 MINERAL RESOURCE ESTIMATE Large, High-Grade



23

CV5 AND CV13

Mineral Resource Statement

| Pegmatite | Classification | Tonnes | Li₂O (%) | Ta₂O₅ (ppm) | Contained Li ₂ O (Mt) | Contained LCE (Mt) |
|------------|----------------|------------|-------------|----------------|-------------------------------------|-----------------------|
| | Indicated | 80,130,000 | 1.44 | 163 | 1.15 | 2.85 |
| CV5 & CV13 | Inferred | 62,470,000 | 1.31 | 147 | 0.82 | 2.03 |

- Mineral Resources were prepared in accordance with National Instrument 43-101 Standards for Disclosure of Mineral Projects ("NI 43-101") and the CIM Definition Standards (2014). Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. This estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, taxation, sociopolitical, marketing, economic, or other relevant issues.
- The independent Competent Person (CP), as defined under JORC, and Qualified Person (QP), as defined by NI 43-101 for this estimate is Todd McCracken, P.Geo., Director Mining & Geology Central Canada, BBA Engineering Ltd. The Effective Date of the estimate is June 27, 2024 (through drill hole CV24-526).
- Estimation was completed using a combination of ordinary kriging and inverse distance squared (ID²) in Leapfrog Edge software with dynamic anisotropy search ellipse on specific domains.
- Drill hole composites at 1 m in length. Block size is 10 m x 5 m x 5 m with sub-blocking.
- Both underground and open-pit conceptual mining shapes were applied as constraints to demonstrate reasonable

prospects for eventual economic extraction. Cut-off grades for open-pit constrained resources are 0.40% Li_2O for both CV5 and CV13, and for underground constrained resources are 0.60% Li_2O for CV5 and 0.80% Li_2O for CV13. Open-pit and underground Mineral Resource constraints are based on a spodumene concentrate price of US\$1,500/tonne (6% basis FOB Bécancour) and an exchange rate of 0.76 USD/CAD.

- Rounding may result in apparent summation differences between tonnes, grade, and contained metal content.
- Tonnage and grade measurements are in metric units.
- Conversion factors used: $Li_2O = Li \times 2.153$; LCE (i.e., Li_2CO_3) = $Li_2O \times 2.473$, $Ta_2O_5 = Ta \times 1.221$.
- Densities for pegmatite blocks (both CV5 & CV13) were estimated using a linear regression function (SG = $0.0688 \times \text{Li}_2\text{O}\% + 2.625$) derived from the specific gravity ("SG") field measurements and Li_2O grade. Non-pegmatite blocks were assigned a fixed SG based on the field measurement median value of their respective lithology.

Sensitivity Analysis

Cut-off grade sensitivity analysis defines significant tonnage at very high grade, primarily reflecting the Nova and Vega zone discoveries at CV5 and CV13, respectively.

- At a 1.5% Li2O COG for the CV5 Pegmatite, there is a total of 30.4 Mt at 2.09% Li2O Indicated and 13.6 Mt at 1.99% Li2O Inferred.
- At a 1.5% Li2O COG for the CV13 Pegmatite, there is a total of 0.7 Mt at 2.20% Li2O Indicated and 6.6 Mt at 2.47% Li2O Inferred.

 1 Shaakichiuwaanaan (CV5 & CV13) Mineral Resource Estimate (80.1 Mt at 1.44% Li₂O and 163 ppm Ta₂O₅ Indicated, and 62.5 Mt at 1.31% Li₂O and 147 ppm Ta₂O₅ ppm Inferred) is reported at a cut-off grade of 0.40% Li₂O (open-pit), 0.60% Li₂O (underground CV5), and 0.80% Li₂O (underground CV13) with an Effective Date of June 27, 2024 (through drill hole CV24-526). Mineral resources are not mineral reserves as they do not have demonstrated economic viability.

| | | CV5 Spodume | ne Pegmatite | | CV13 Spodumene Pegmatite | | | | |
|----------------------|------------------|--|------------------|--|--------------------------|--|------------------|--|--|
| | Indic | ated | Infe | rred | Indi | cated | Infe | rred | |
| Cut-off grade (%) | Tonnes ≥ cut-off | Average grade (Li₂O) ≥ cut-off (%) | Tonnes ≥ cut-off | Average grade (Li₂O) ≥ cut-off (%) | Tonnes≥cut- off | Average grade (Li₂O) ≥ cut-off (%) | Tonnes ≥ cut-off | Average grade (Li₂O) ≥ cut-off (%) | |
| 0.1 | 93,530,000 | 1.24 | 47,240,000 | 1.17 | 1,540,000 | 1.59 | 21,490,000 | 1.33 | |
| 0.2 | 85,290,000 | 1.34 | 44,450,000 | 1.24 | 1,530,000 | 1.60 | 20,650,000 | 1.38 | |
| 0.3 | 81,040,000 | 1.40 | 43,000,000 | 1.27 | 1,520,000 | 1.61 | 19,830,000 | 1.42 | |
| 0.4 | 78,560,000 | 1.43 | 41,470,000 | 1.30 | 1,510,000 | 1.62 | 19,060,000 | 1.47 | |
| 0.5 | 76,260,000 | 1.46 | 39,940,000 | 1.34 | 1,490,000 | 1.63 | 18,120,000 | 1.52 | |
| 0.6 | 73,820,000 | 1.49 | 38,190,000 | 1.37 | 1,460,000 | 1.65 | 17,040,000 | 1.58 | |
| 0.7 | 70,760,000 | 1.53 | 35,620,000 | 1.42 | 1,430,000 | 1.68 | 15,920,000 | 1.65 | |
| 0.8 | 66,940,000 | 1.57 | 33,000,000 | 1.48 | 1,380,000 | 1.71 | 14,650,000 | 1.73 | |
| 0.9 | 62,290,000 | 1.63 | 30,200,000 | 1.53 | 1,320,000 | 1.75 | 13,340,000 | 1.81 | |
| 1.0 | 57,130,000 | 1.69 | 26,590,000 | 1.61 | 1,270,000 | 1.78 | 12,020,000 | 1.91 | |
| 1.1 | 51,360,000 | 1.76 | 23,460,000 | 1.69 | 1,180,000 | 1.84 | 10,730,000 | 2.01 | |
| 1.2 | 45,690,000 | 1.84 | 20,540,000 | 1.77 | 1,080,000 | 1.90 | 9,600,000 | 2.11 | |
| 1.3 | 40,170,000 | 1.92 | 17,910,000 | 1.84 | 950,000 | 1.98 | 8,470,000 | 2.23 | |
| 1.4 | 35,070,000 | 2.00 | 15,520,000 | 1.92 | 830,000 | 2.08 | 7,410,000 | 2.35 | |
| 1.5 | 30,400,000 | 2.09 | 13,590,000 | 1.99 | 700,000 | 2.20 | 6,570,000 | 2.47 | |
| 1.6 | 26,160,000 | 2.17 | 11,290,000 | 2.07 | 550,000 | 2.37 | 5,820,000 | 2.59 | |
| 1.7 | 22,360,000 | 2.26 | 9,390,000 | 2.16 | 420,000 | 2.59 | 5,220,000 | 2.69 | |
| 1.8 | 19,040,000 | 2.35 | 7,720,000 | 2.25 | 350,000 | 2.77 | 4,790,000 | 2.78 | |
| 1.9 | 16,140,000 | 2.44 | 6,040,000 | 2.36 | 290,000 | 2.97 | 4,430,000 | 2.85 | |
| 2.0 | 13,570,000 | 2.53 | 4,990,000 | 2.45 | 250,000 | 3.12 | 4,070,000 | 2.93 | |

This table should not be interpreted as a Mineral Resource. The table presents the sum of the open-pit and underground constrained and classified resources at the same cut-off. The data is presented to demonstrate the Mineral Resource tonnage and grade sensitivity to various cut-off grades. The selected cut-off grade for the base case is 0.40% Li2O with the revenue factor 1 pit shell constraint for CV5 and CV13, with a 0.60% Li2O and 0.80% Li2O underground cut-off grade for CV5 and CV13, respectively.

NOTES PEER COMPARISON INFORMATION

| C | Dusiant | Sta av | Reserves (Mt LCE) | | Resources (Mt LCE) — Inclusive of Reserves | | | e of Reserves | | |
|-------------------|-----------------|--------------|-------------------|----------|--|----------|-----------|---------------|-----------------|---|
| Company | Project | Stage | Proven | Probable | Total Reserves | Measured | Indicated | Inferred | Total Resources | Information Source(s) |
| AVZ Minerals | Manono (75%) | Feasibility | 2.0 | 2.0 | 4.0 | 4.0 | 11.0 | 10.0 | 25.0 | ASX Announcement dated January 31, 2024 |
| Azure Minerals | Andover (60%) | Pre-Resource | — | — | - | — | — | — | _ | ASX Announcement dated March 29, 2022 |
| Core Lithium | Finniss | C&M | 0.2 | 0.2 | 0.4 | 0.2 | 0.7 | 0.6 | 1.5 | ASX Announcement dated April 11, 2024 |
| Critical Elements | Rose | Feasibility | _ | 0.6 | 0.6 | | 0.7 | 0.0 | 0.7 | Critical Elements August 2023 Updated Feasibility Study |
| Frontier Lithium | PAK | Pre-Feas | — | 0.8 | 0.8 | 0.1 | I | 1.1 | 2.2 | Frontier Lithium Press Release dated May 31, 2023 |
| Liontown | Kathleen Valley | Construction | 0.1 | 2.2 | 2.3 | 0.6 | 3.8 | 0.9 | 5.3 | ASX Announcement dated November 11, 2021 |
| Liontown | Buldania | Resource | — | — | _ | — | 0.2 | 0.1 | 0.4 | ASX Announcement dated November 8, 2019 |
| MinRes | Wodgina (40%) | Producing | 0.01 | 2.3 | 2.3 | _ | 2.6 | 0.5 | 3.1 | ASX Announcement dated September 22, 2023 |
| MinRes | Mt Marion (50%) | Producing | 0.00 | 0.6 | 0.6 | _ | 0.9 | 0.1 | 1.1 | ASX Announcement dated February 21, 2024 |
| Piedmont | Carolina | Feasibility | _ | 0.5 | 0.5 | _ | 0.8 | 0.4 | 1.2 | Piedmont Lithium Press Release dated December 14, 2021 |
| Piedmont | NAL (25%) | Producing | 0.01 | 0.1 | 0.1 | 0.01 | 0.2 | 0.3 | 0.4 | Sayona Mining ASX Announcement dated April 14, 2023 |
| Piedmont | Authier (25%) | Producing | 0.04 | 0.04 | 0.1 | 0.04 | 0.1 | 0.02 | 0.1 | Authier Lithium Project Updated DFS dated October 2019; Sayona Mining 2022 Half-Year Report |
| Pilbara Minerals | Pilgangoora | Producing | 0.7 | 5.7 | 6.2 | 0.7 | 8.9 | 2.0 | 11.9 | ASX Announcement dated August 24, 2023 |
| Pilbara Minerals | Altura | Restart | 0.2 | 0.8 | 1.0 | 0.2 | 0.9 | 0.1 | 1.2 | Altura Mining 2019 Annual Report |
| Sayona Mining | NAL (75%) | Producing | 0.02 | 0.4 | 0.4 | 0.02 | 0.6 | 0.8 | 1.3 | ASX Announcement dated April 14, 2023 |
| Sayona Mining | Authier (75%) | Producing | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.3 | Authier Lithium Project Updated DFS dated October 2019; Sayona Mining 2022 Half-Year Report |
| Sayona Mining | Moblan (60%) | Feasibility | 0.1 | 0.1 | 0.2 | 0.1 | 0.8 | 0.3 | 1.2 | ASX Announcement dated April 17, 2023 |
| Sigma Lithium | Grota do Cirilo | Producing | 1.0 | 1.0 | 1.9 | 1.6 | 1.7 | 0.5 | 3.8 | Sigma Lithium Press Release dated January 31, 2024 |
| Patriot Battery | CV5 | Resource | _ | — | — | _ | 2.9 | 2.0 | 4.9 | Patriot Battery Metals Press Release dated August 5, 2024 |

Note: Lithium reserves & resources only; shown on an attributable basis. Estimates may have been prepared under different estimation and reporting regimes and may not be directly comparable. Patriot Battery Metals accepts no responsibility for the accuracy of peer reserves & resource data as presented. Details on the tonnes, category, grade, and cut-off for mineral resources and/or reserves of each company noted herein are found within the respective information source link provided.

PATRIOT BATTERY METALS





PROVEN TEAM WITH A TRACK RECORD OF VALUE CREATION

| Ken Brinsden | Natacha | Darren L. | Alix Drapack | Greg Barfoot | Bradley Seward | Olivier |
|---|---|---|--|---|--|---|
| B.Eng. (Mining), MAUSIMM, MAICD CEO, President, Director | Garoute CPA, LLB CFO | Smith M.Sc., P.Geo. Vice President, Exploration | P.Eng., MBA, ICD.D Vice President, ESG | M.Eng., MBA Vice President, Project Development | VP IR Australia | Caza-Lapointe Head of IR North America |
| YEARS Over 30 years | YEARS Over 20 years | YEARS Nearly 20 years | YEARS Over 20 years | YEARS Over 25 years | YEARS Nearly 10 years | YEARS Over 15 years |
| EXPERIENCE CEO & MD, Pilbara Minerals | EXPERIENCE CFO, Champion Iron Ore; CFO & Corporate Secretary, Roxgold | EXPERIENCE Strong focus on rare earth elements, and rare metals (Li, Ta, Nb) | EXPERIENCE Chief Sustainability Officer, Osisko Mining | EXPERIENCE Project Management at BHP, SNC Lavalin and Fluor | EXPERIENCE Equity Research, Syndication and Sales, Macquarie; Equity Research, Institutional Sales, Canaccord Australia (Patersons) | EXPERIENCE Executive Director — Institutional Sales, CIBC; equity trading, CDPQ |
| ACHIEVEMENTS Developed Pilbara from exploration to production and into the ASX 100 | ACHIEVEMENTS Extensive financial and capital markets experience, raised \$500+ M financing for developers and producers | ACHIEVEMENTS Discovered Ashram (REE) and Shaakichiuwaanaan (formerly known as Corvette) (Lithium); Project development; QP | ACHIEVEMENTS Extensive experience in Quebec in H&S, HR, indigenous and community relations and project permitting | ACHIEVEMENTS Oversaw over \$6.5 B of total invested capital across various commodities, locations and technical challenges | Pierre Boivi Blair Brian | IVE DIRECTORS n (Chairman) r Way Jennings Desrochers |

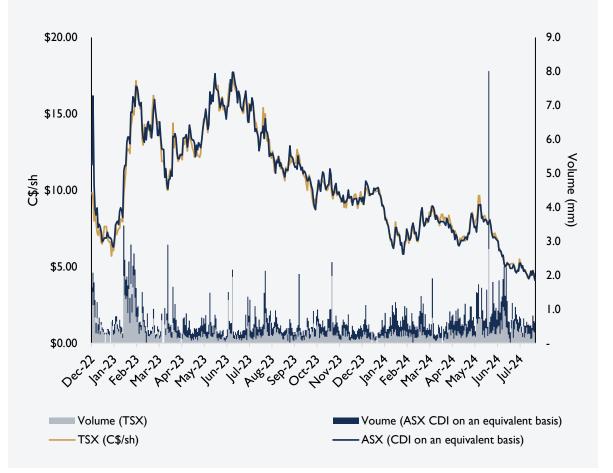
CORPORATE

Snapshot

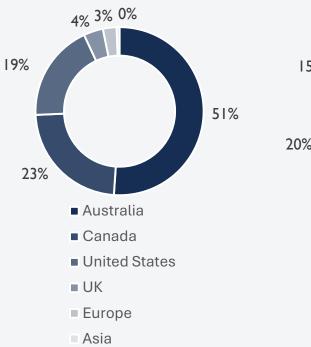


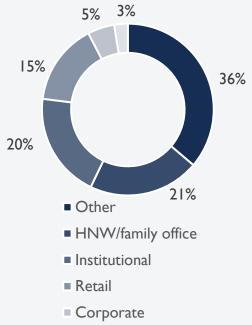
CORPORATE SNAPSHOT

Trading Update



Shareholder Register





Insider

CORPORATE SNAPSHOT

Trading Update

| Pro-Forma Equity Raise | CAD (m) |
|---|---------|
| Basic Shares Outstanding | 141.1 |
| Dilutive Securities | 11.1 |
| Fully Diluted Shares | 152.2 |
| Market Cap (as of August 6 th) : | \$568 |
| Cash (pro forma equity raise, as of April 30th) | \$119 |
| Potential Cash from FDITM Options & other | \$6.I |

Analyst Coverage





Thank you

PATRIOT BATTERY METALS

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