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Patriot Discovers New High-Grade Zone at the CV13 Spodumene Pegmatite, Corvette Property, Quebec, Canada

October 18, 2023 – Vancouver, BC, Canada ***October 19, 2023 – Sydney, Australia***

Highlights

- **Discovery of new high-grade zone (with sample ranges including 3 – 5% Li_2O) near-surface at the CV13 Spodumene Pegmatite.**
  - 12.7 m at 2.46% Li_2O (73.3 m to 86.0 m), including **7.6 m at 3.82% Li_2O** (CV23-191).
  - 8.0 m at 2.86% Li_2O (57.2 m to 65.2 m), including **4.3 m at 5.03% Li_2O** (CV23-195).
  - 10.2 m at 2.70% Li_2O (56.3 m to 66.5 m), including **5.8 m at 4.48% Li_2O** (CV23-198)
  - 10.7 m at 2.79% Li_2O (67.0 m to 77.7 m), including **7.3 m at 3.94% Li_2O** (CV23-200)
- The CV13 Spodumene Pegmatite trend extends over an approximate 2.3 km strike length through multiple outcrop exposures, of which, approximately 1.1 km has now been traced continuously by drilling – **remains open along strike at both ends and to depth**.
- With significant mineralization now delineated further west at CV5 and at CV13, there are now several options for the mining starter pit.
- Company continues to drill westward from CV5 towards CV13 to test potential connectivity.
- Thirty-seven (37) drill holes, totalling approximately 7,300 m, have been completed in 2023 through October 9 at the CV13 Spodumene Pegmatite.
- Additional rig now coring for a total of eight (8) drill rigs currently active at site – four (4) at CV5, three (3) at CV13, and one (1) at CV9. Drilling is anticipated to ramp up further after the holidays with ten (10) drill rigs anticipated by mid January 2024.

Darren L. Smith, Company Vice President of Exploration, comments: *"Drilling at CV13 has progressed steadily since our recommencement of activities in August, with results continuing to support the interpretation of an extensive, shallow-dipping and near-surface spodumene pegmatite dyke. The discovery announced today of a +3% Li_2O high-grade zone at CV13, now traced over multiple drill holes, is reminiscent of the high-grade Nova Zone at CV5. As we continue to close the distance between CV5 and CV13 through drilling, this newly discovered high-grade zone at CV13, coupled with the large spodumene crystals observed (up to 1.3 m in drill core), supports the interpretation that both share the same "plumbing" system.*

Further highlights include;

- Metallurgy results to date provide a strong indication that material from both the CV13 Spodumene Pegmatite and CV5 Spodumene Pegmatite may be processed jointly using the same design criteria and flowsheet, and therefore, processable at the same plant.
    - Fe_2O_3 contents of <0.70% consistently demonstrated in final spodumene concentrates produced from both the CV5 and CV13 pegmatites following heavy liquid separation (HLS) and magnetic separation at the bench scale.
- Assays are pending for the vast majority of drill holes completed over the summer-fall program. The Company will update the market as material sets of assays return from the labs. The Company expects to provide an updated mineral resource estimate in mid-2024.

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Patriot Battery Metals Inc. (the "Company" or "Patriot") (TSX-V: PMET) (ASX: PMT) (OTCQX: PMETF) (FSE: R9GA) is pleased to announce core assays for the first series of drill holes completed at the CV13 Spodumene Pegmatite as part of the ongoing 2023 summer-fall drill program being completed at its wholly owned Corvette Property (the "Property" or "Project"), located in the Eeyou Istchee James Bay region of Quebec. At the Property, the CV13 Spodumene Pegmatite is located approximately 3.15 km along strike to the southwest of the CV5 Spodumene Pegmatite. The CV5 Spodumene Pegmatite, with a maiden mineral resource estimate of 109.2 Mt at 1.42% Li_2O inferred[1], is situated approximately 13.5 km south of the regional and all-weather Trans-Taiga Road and powerline infrastructure.

Core assay results from the first series of drill holes completed this year at the CV13 Spodumene Pegmatite have returned the highest-grade assays reported to date (Figure 1 and Figure 2, Table 1). Specifically, these drill holes have identified a newly discovered high-grade lithium zone – 12.7 m at 2.46% Li_2O, including **7.6 m at 3.82% Li_2O** (CV23-191), 8.0 m at 2.86% Li_2O, including **4.3 m at 5.03% Li_2O** (CV23-195), 10.2 m at 2.70% Li_2O, including **5.8 m at 4.48% Li_2O** (CV23-198), and 10.7 m at 2.79% Li_2O, including **7.3 m at 3.94% Li_2O** (CV23-200). Additionally, drill hole CV23-195 returned two (2) samples assaying greater than 6% Li_2O, including **1.2 m at 6.41% Li_2O.**

The new high-grade zone at CV13 is located near-surface (~40-50 m vertical depth), and remains open in multiple directions with a current strike length of approximately 170 m. Additionally, in an adjacent drill hole (CV23-271), situated approximately 60 m to the west, an approximate 1.3 m long, inclusion-free, and cream-white spodumene crystal was intersected (Figure 3) – assays pending – and may represent an extension of this high-grade zone. Such high grades of lithium are not typical in Li-Cs-Ta ("LCT") pegmatite systems and this, coupled with the very large sizes of spodumene crystals, highlight the unique and world-class nature of the LCT pegmatite system at Corvette.

The discovery of a new and near-surface high-grade zone at CV13 provides multiple opportunities, that the Company will investigate, for defining an initial production location(s) (i.e., mining starter pit) that is complimentary to the CV5 mineral resource. With significant mineralization now

delineated further west at CV5 and at CV13, lake development at CV5 could come later in the mine schedule.

The principal spodumene pegmatite dyke at CV13 (the "upper" dyke) is geologically modelled to be shallowly dipping to the north, covering an extensive area, and remains open along strike at both ends and to depth. A cross-section of the western portion of the CV13 Spodumene Pegmatite's current geological model is presented in Figure 4. The mineralized trend at CV13 extends for approximately 2.3 km as defined by outcrop and drilling through 2022. The drill holes completed in 2023 along this trend have now confirmed a continuous, variably mineralized spodumene pegmatite extending along at least 1.1 km of this trend and remains open.

Pegmatite intersections of the upper dyke are up to 26 m (core length) over the thirty-seven (37) drill holes (~7,300 m) completed in 2023 through October 9. A "lower" pegmatite dyke, which also has a shallow and northerly dip, has been tested in multiple drill holes in 2023; however, remains of secondary focus at this time due to more variability in thickness and mineralization.

The very high grades of lithium in drill core returned from CV13 to date, coupled with the large spodumene crystals as well as similar textures and gangue mineralogy as CV5, supports the interpretation that both CV13 and CV5 share the same plumbing system and may potentially form one continuous pegmatite body subsurface. However, a significant amount of drill testing remains to be completed along this corridor to confirm this interpretation. Through September 18, 2023, drilling had closed the gap between the CV13 and CV5 spodumene pegmatites to approximately 3.15 km (Figure 5, see news release dated September 24, 2023).

CV13 Metallurgy

A heavy liquid separation (HLS) test program assessed the liberation and recovery characteristics of spodumene at different locations along the collective ~2.3-km trend that defines the CV13 Pegmatite (see news release dated July 4, 2023). The testwork returned very positive results with lithium recoveries ranging from 67% to 77% at an interpolated spodumene concentrate grade of 6.00% Li_2O and <0.70% Fe_2O_3. Recoveries also remained strong on the lower grade samples, which is a testament to the coarse-grained nature of the spodumene making it more amenable to liberation. Collectively, the preliminary HLS results strongly indicate that a dense media separation (DMS) only operation at CV13 is applicable.

To date, the metallurgical data collected from CV5 and CV13 is highly encouraging and demonstrates that a DMS only flowsheet is applicable to both pegmatites. Further, the data suggests that both pegmatites could be jointly crushed and feed the same process plant, while maintaining high recoveries into a marketable spodumene concentrate of +5.5% Li_2O.

Due to the road closures in western parts of the Eeyou Istchee James Bay extending significantly past the date in which the Company was able to re-commence drill operations at the Property, the delivery of drill core samples to the laboratory was significantly delayed. However, core samples from a large number of drill holes have now arrived at the laboratory with processing underway. Results will be reported in batches as received.

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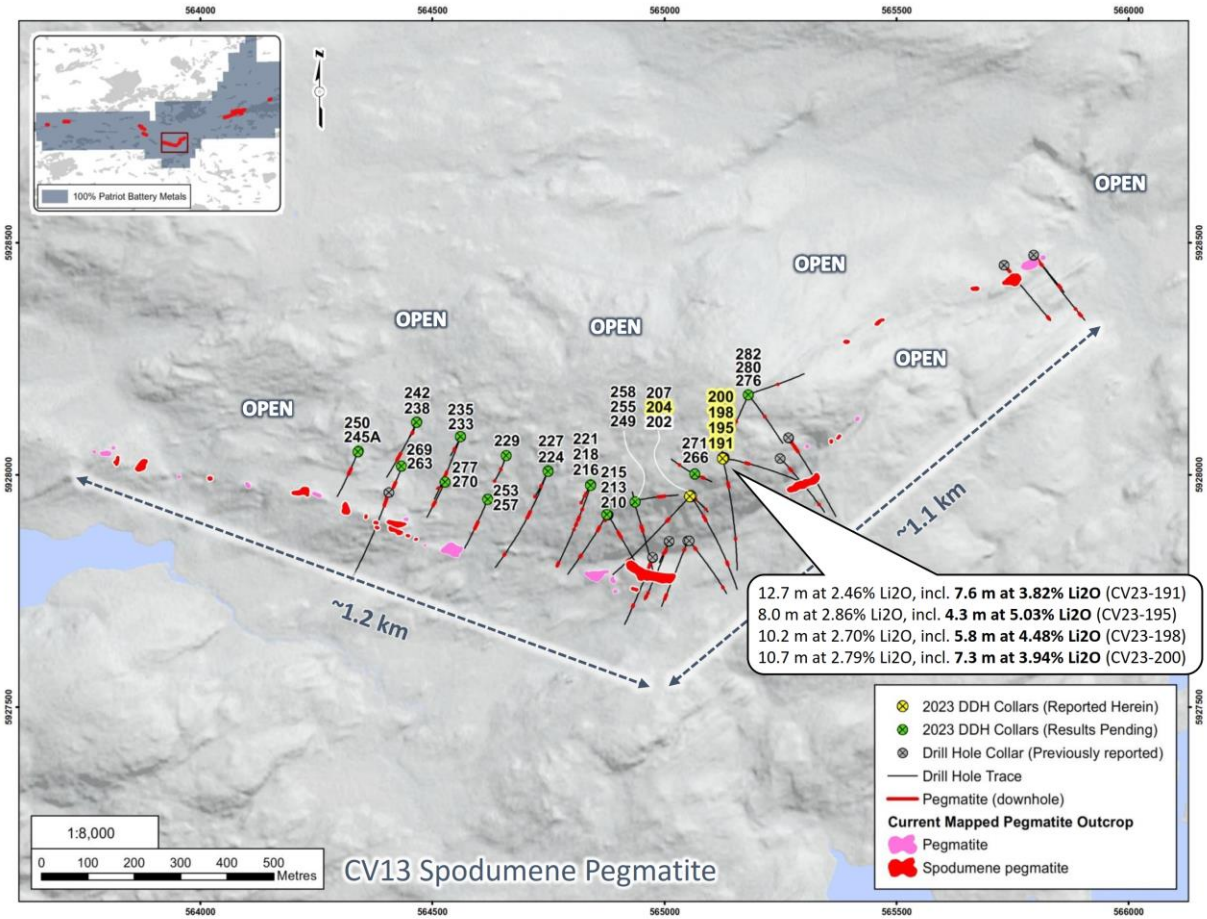

Figure 1: Drill holes completed at the CV13 Spodumene Pegmatite through October 9, 2023.

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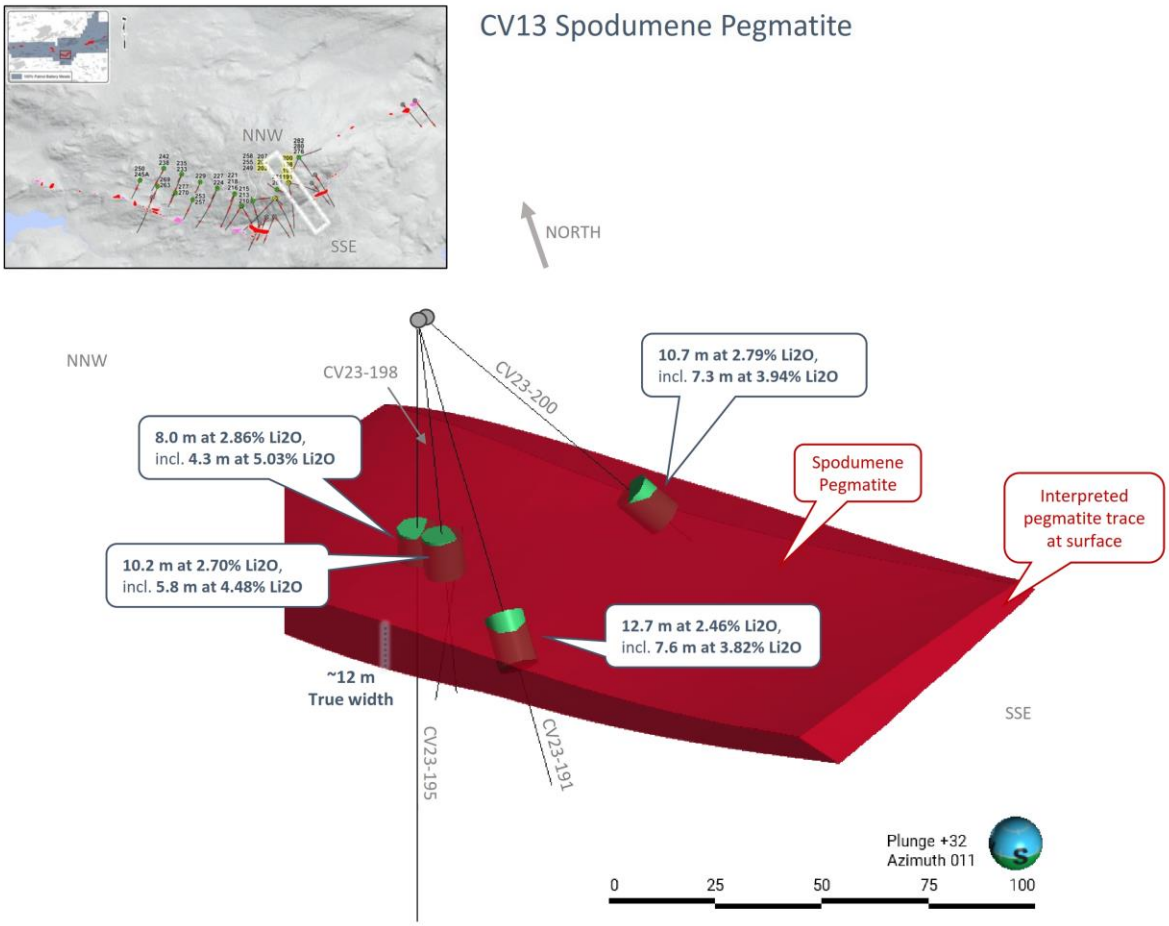

Figure 2: Oblique view of the CV13 Spodumene Pegmatite's geological model over the newly discovered and near-surface high-grade zone.

Figure 3: Very 'clean' spodumene crystal of ~1.3 m in length – drill hole CV23-271 – at the CV13 Spodumene Pegmatite.

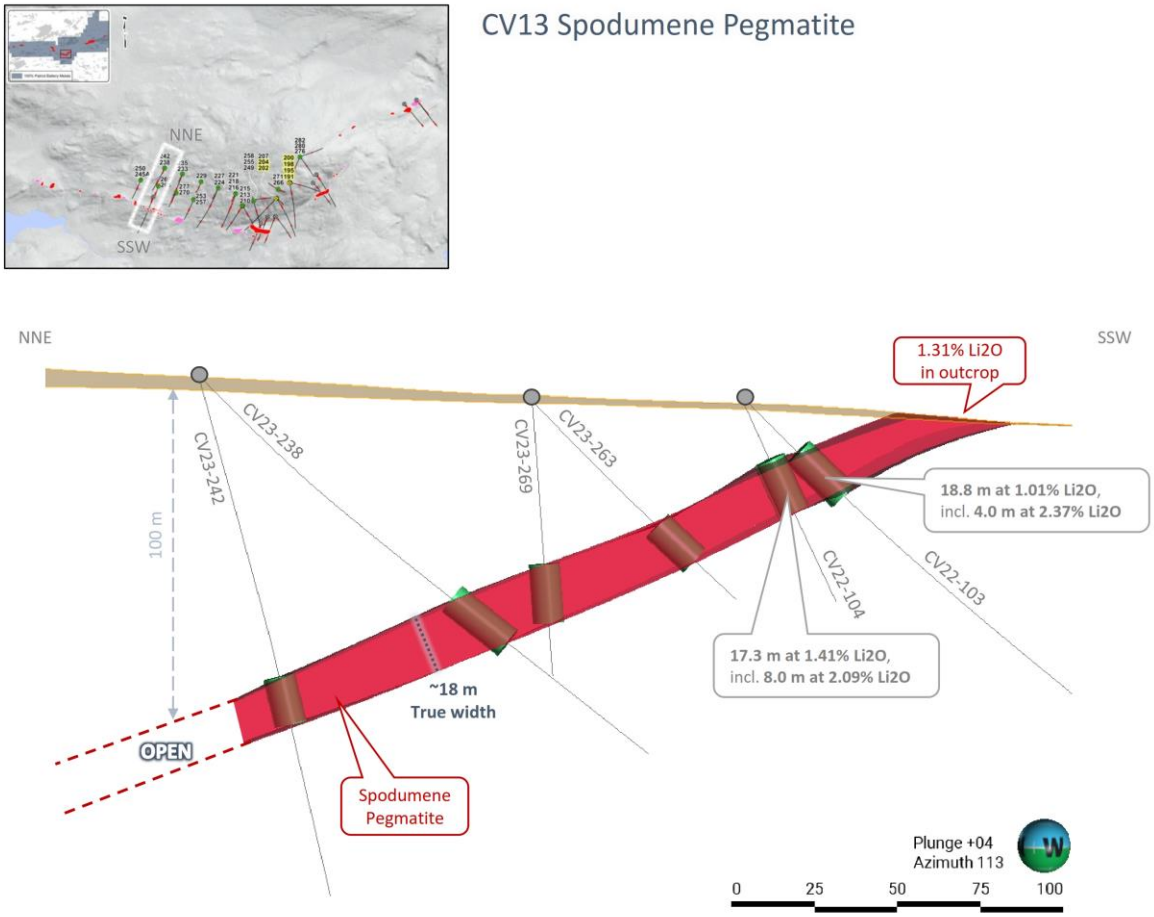

Figure 4: Cross-section of the CV13 Spodumene Pegmatite's geological model, located at the western end of the current drilling. Core assay results pending for CV23-238, 242, 263, and 269.

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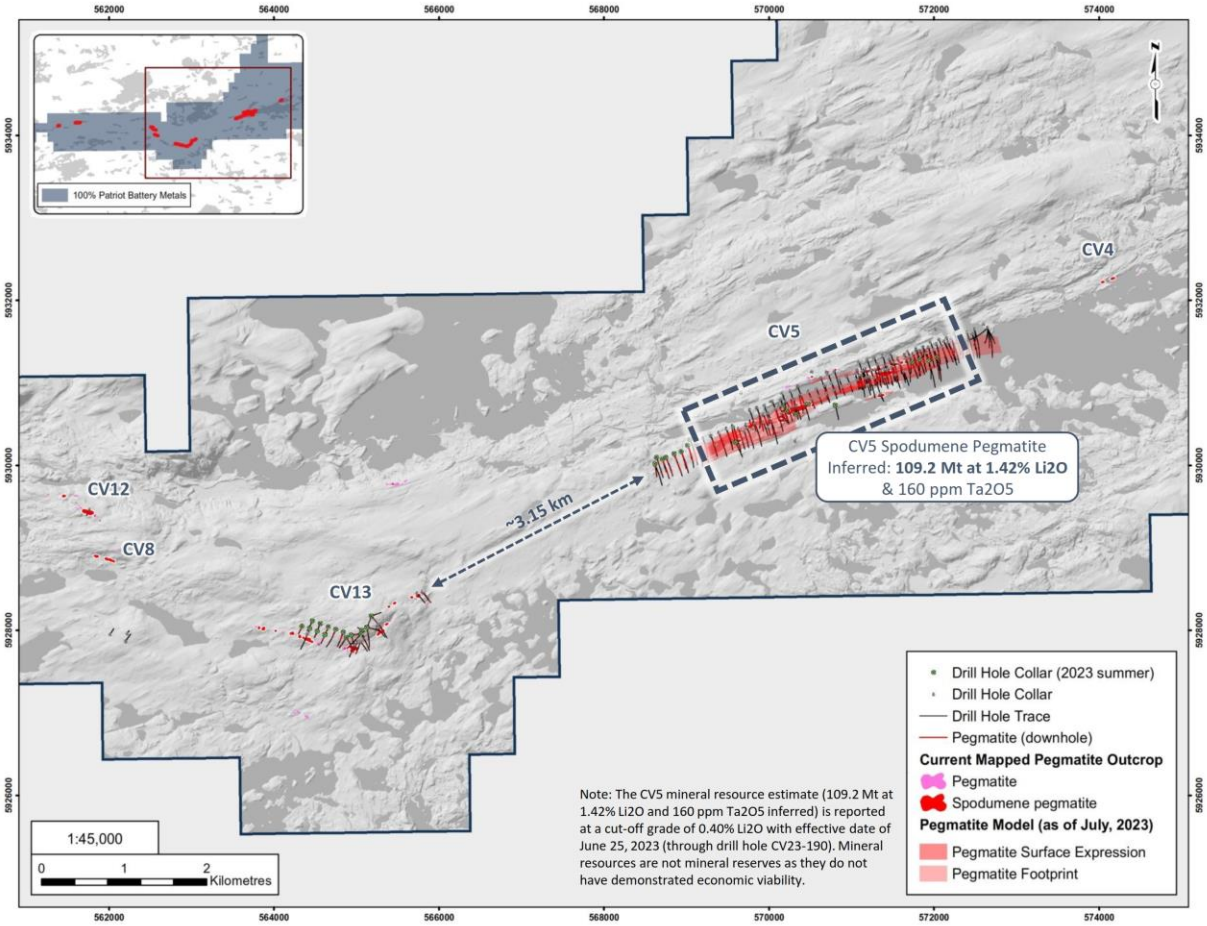

Figure 5: Proximity of the CV5 Spodumene Pegmatite to the CV13 Spodumene Pegmatite.

Table 1: Core assay summary for drill holes reported herein at the CV13 Spodumene Pegmatite

Hole ID	From (m)	To (m)	Interval (m)	Li_2O (%)	Ta_2O_5 (ppm)	Comments
CV23-191	73.3	86.0	12.7	2.46	147	
incl.	75.8	83.5	**7.6**	**3.82**	145	
CV23-195	57.2	65.2	8.0	2.86	378	
incl.	58.2	62.5	**4.3**	**5.03**	261	
or	61.3	62.5	**1.2**	**6.41**	154	
	238.4	242.8	4.5	0.04	80	
CV23-198	56.3	66.5	10.2	2.70	265	
incl.	57.2	63.0	**5.8**	**4.48**	265	
CV23-200	67.0	77.7	10.7	2.79	99	
incl.	68.0	75.3	**7.3**	**3.94**	99	
CV23-204	50.0	54.8	4.8	1.94	599	
incl.	52.0	54.0	2.0	4.39	1,273	*Lepidolite zone*

(1) All intervals are core length and presented for all pegmatite intervals >2 m

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Table 2: Attributes for drill holes reported herein at the CV13 Spodumene Pegmatite

Hole ID	Substrate	Total Depth (m)	Azimuth (°)	Dip (°)	Easting	Northing	Elevation (m)	Core Size	Cluster	Comments
CV23-191	Land	308.2	170	-45	565125.9	5928034.9	432.4	NQ	CV13	
CV23-195	Land	308.0	0	-90	565125.7	5928035.6	432.3	NQ	CV13	
CV23-198	Land	98.0	140	-80	565126.2	5928036.0	432.4	NQ	CV13	
CV23-200	Land	250.9	100	-45	565128.0	5928036.2	432.4	NQ	CV13	
CV23-202	Land	302.0	220	-45	565054.8	5927953.3	419.4	NQ	CV13	
CV23-204	Land	262.9	130	-80	565057.6	5927954.3	419.2	NQ	CV13	
CV23-207	Land	278.0	140	-45	565058.1	5927953.0	419.0	NQ	CV13	
CV23-210	Land	272.0	210	-55	564875.9	5927914.8	409.7	NQ	CV13	
CV23-213	Land	209.0	200	-85	564876.6	5927915.3	409.7	NQ	CV13	
CV23-215	Land	215.0	150	-45	564878.4	5927914.4	375.1	NQ	CV13	
CV23-216	Land	209.1	200	-75	564841.1	5927978.0	415.4	NQ	CV13	
CV23-218	Land	254.1	200	-45	564841.3	5927978.6	415.4	NQ	CV13	
CV23-221	Land	218.0	0	-90	564841.4	5927979.0	415.3	NQ	CV13	
CV23-224	Land	303.0	200	-45	564748.9	5928008.0	414.1	NQ	CV13	
CV23-227	Land	237.5	200	-75	564749.1	5928009.1	414.2	NQ	CV13	
CV23-229	Land	254.1	200	-75	564657.3	5928047.4	412.2	NQ	CV13	
CV23-233	Land	179.0	200	-75	564561.0	5928082.7	411.1	NQ	CV13	
CV23-235	Land	203.2	200	-45	564560.9	5928082.2	411.0	NQ	CV13	
CV23-238	Land	176.2	200	-45	564466.0	5928113.6	409.4	NQ	CV13	
CV23-242	Land	TBC	200	-75	564466.5	5928114.2	409.4	NQ	CV13	
CV23-245	Land	TBC	200	-45	564339.9	5928050.1	405.0	NQ	CV13	Lost at shallow depth
CV23-245A	Land	TBC	200	-45	564339.9	5928050.1	405.0	NQ	CV13	
CV23-249	Land	TBC	160	-45	564934.8	5927940.8	417.2	NQ	CV13	
CV23-250	Land	TBC	200	-85	564340.5	5928051.4	405.0	NQ	CV13	
CV23-253	Land	TBC	200	-45	564619.1	5927947.5	402.2	NQ	CV13	
CV23-255	Land	TBC	80	-45	564936.2	5927944.4	417.7	NQ	CV13	
CV23-257	Land	TBC	200	-85	564619.4	5927948.4	402.2	NQ	CV13	
CV23-258	Land	TBC	0	-90	564935.3	5927944.3	417.6	NQ	CV13	
CV23-263	Land	TBC	200	-45	564434.5	5928018.3	401.2	NQ	CV13	
CV23-266	Land	TBC	300	-65	565064.9	5928000.9	429.2	NQ	CV13	
CV23-269	Land	TBC	200	-85	564434.9	5928019.4	401.6	NQ	CV13	
CV23-270	Land	TBC	200	-45	564527.2	5927985.2	404.3	NQ	CV13	
CV23-271	Land	TBC	110	-75	565068.5	5927999.1	429.0	NQ	CV13	
CV23-276	Land	TBC	140	-45	565180.8	5928172.9	443.0	NQ	CV13	
CV23-277	Land	TBC	200	-85	564527.2	5927985.2	404.3	NQ	CV13	
CV23-280	Land	TBC	200	-45	565180.8	5928172.9	443.0	NQ	CV13	
CV23-282	Land	TBC	70	-45	565180.8	5928172.9	443.0	NQ	CV13	

(1) Coordinate system NAD83 / UTM zone 18N; (2) All drill holes are diamond drill; (3) Azimuths and dips presented are those 'planned' and may vary off collar/downhole; Coordinates for dril holes CV23-271 and after are considered preliminary. Final depths for drill holes CV23-242 and after are To Be Confirmed.

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[1] The CV5 mineral resource estimate (109.2 Mt at 1.42% Li_2O and 160 ppm Ta_2O_5 inferred) is reported at a cut-off grade of 0.40% Li_2O with effective date of June 25, 2023 (through drill hole CV23-190). Mineral resources are not mineral reserves as they do not have demonstrated economic viability.

Quality Assurance / Quality Control (QAQC)

A Quality Assurance / Quality Control protocol following industry best practices was incorporated into the program and included systematic insertion of quartz blanks and certified reference materials into sample batches at a rate of approximately 5%. Additionally, analysis of pulp-split and coarse-split sample duplicates were completed to assess analytical precision at different stages of the laboratory preparation process, and external (secondary) laboratory pulp-split duplicates were prepared at the primary lab for subsequent check analysis and validation.

All core samples collected were shipped to SGS Canada's laboratory in Val-d'Or, QC, for sample preparation (code PRP89 special) which includes drying at 105°C, crush to 90% passing 2 mm, riffle split 250 g, and pulverize 85% passing 75 microns. The pulps were shipped by air to SGS Canada's laboratory in Burnaby, BC, where the samples were homogenized and subsequently analyzed for multi-element (including Li and Ta) using sodium peroxide fusion with ICP-AES/MS finish (codes GE_ICP91A50 and GE_IMS91A50).

About the CV Lithium Trend

The CV Lithium Trend is an emerging spodumene pegmatite district discovered by the Company in 2017 and is interpreted to span more than 50 kilometres across the Corvette Property. The core area includes the approximate 4.35 km long CV5 Spodumene Pegmatite, which hosts a maiden mineral resource estimate of 109.2 Mt at 1.42% Li_2O inferred[1].

To date, seven (7) distinct clusters of lithium pegmatite have been discovered across the Corvette Property – CV4, CV5, CV8, CV9, CV10, CV12, and CV13. Given the proximity of some pegmatite outcrops to each other, as well as the shallow till cover in the area, it is probable that some of the outcrops may reflect a discontinuous surface exposure of a single, larger pegmatite "outcrop" subsurface. Further, the high number of well-mineralized pegmatites along the trend indicate a strong potential for a series of relatively closely spaced/stacked, sub-parallel, and sizable spodumene-bearing pegmatite bodies, with significant lateral and depth extent, to be present.

Qualified/Competent Person

The information in this news release that relates to exploration results for the Corvette 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 01968), 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 news release.

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 Australasian Code for Reporting of Exploration Results, Mineral Resources and

Ore Reserves (the JORC Code). Mr. Smith consents to the inclusion in this news release of the matters based on his information in the form and context in which it appears.

About Patriot Battery Metals Inc.

Patriot Battery Metals Inc. is a hard-rock lithium exploration company focused on advancing its district-scale 100% owned Corvette Property located in the Eeyou Istchee James Bay region of Quebec, Canada, and proximal to regional road and powerline infrastructure. The Corvette Property hosts the CV5 Spodumene Pegmatite with a maiden mineral resource estimate of 109.2 Mt at 1.42% Li_2O inferred[1] and ranks as the largest lithium pegmatite resource in the Americas based on contained lithium carbonate equivalent (LCE), and one of the top 10 largest lithium pegmatite resources in the world. Additionally, the Corvette Property hosts multiple other spodumene pegmatite clusters that remain to be drill tested, as well as more than 20 km of prospective trend that remain to be assessed.

[1] *The CV5 mineral resource estimate (109.2 Mt at 1.42% Li_2O and 160 ppm Ta_2O_5 inferred) is reported at a cut-off grade of 0.40% Li_2O with effective date of June 25, 2023 (through drill hole CV23-190). Mineral resources are not mineral reserves as they do not have demonstrated economic viability.*

For further information, please contact us at info@patriotbatterymetals.com or by calling +1 (604) 279-8709, or visit www.patriotbatterymetals.com. Please also refer to the Company's continuous disclosure filings, available under its profile at www.sedarplus.ca and www.asx.com.au, for available exploration data.

This news release has been approved by the Board of Directors.

"*BLAIR WAY*"
Blair Way, President, CEO, & Director

Disclaimer for Forward-looking Information

This news release contains "forward-looking information" or "forward-looking statements" within the meaning of applicable securities laws and other statements that are not historical facts. Forward-looking statements are included to provide information about management's current expectations and plans that allows investors and others to have a better understanding of the Company's business plans and financial performance and condition.

All statements, other than statements of historical fact included in this news release, regarding the Company's strategy, future operations, financial position, prospects, plans and objectives of management are forward-looking statements that involve risks and uncertainties. Forward-looking statements are typically identified by words such as "plan", "expect", "estimate", "intend", "anticipate", "believe", or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. In particular and without limitation, this news release contains forward-looking statements pertaining to the summer-fall drilling program and the completion and publication of Company's technical report comprising the maiden mineral resource estimate in respect of the Corvette Property.

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Forward-looking information is based upon certain assumptions and other important factors that, if untrue, could cause the actual results, performance or achievements of the Company to be materially different from future results, performance or achievements expressed or implied by such information or statements. There can be no assurance that such information or statements will prove to be accurate. Key assumptions upon which the Company's forward-looking information is based include the total funding required to complete the development of the Company's lithium mineral project at the Corvette Property (the "Corvette Project"), including the drilling program.

Readers are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used. Forward-looking statements are also subject to risks and uncertainties facing the Company's business, any of which could have a material adverse effect on the Company's business, financial condition, results of operations and growth prospects. Some of the risks the Company faces and the uncertainties that could cause actual results to differ materially from those expressed in the forward-looking statements include, among others, the ability to execute on plans relating to the Company's Corvette Project, including the timing thereof. In addition, readers are directed to carefully review the detailed risk discussion in the Company's most recent Annual Information Form filed on SEDAR+, which discussion is incorporated by reference in this news release, for a fuller understanding of the risks and uncertainties that affect the Company's business and operations.

Although the Company believes its expectations are based upon reasonable assumptions and has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. There can be no assurance that forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. As such, these risks are not exhaustive; however, they should be considered carefully. If any of these risks or uncertainties materialize, actual results may vary materially from those anticipated in the forward-looking statements found herein. Due to the risks, uncertainties and assumptions inherent in forward-looking statements, readers should not place undue reliance on forward-looking statements.

Forward-looking statements contained herein are presented for the purpose of assisting investors in understanding the Company's business plans, financial performance and condition and may not be appropriate for other purposes.

The forward-looking statements contained herein are made only as of the date hereof. The Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except to the extent required by applicable law. The Company qualifies all of its forward-looking statements by these cautionary statements.

Competent Person Statement (ASX Listing Rule 5.22)

The mineral resource estimate in this release was reported by the Company in accordance with ASX Listing Rule 5.8 on July 31, 2023. The Company confirms it is not aware of any new information or data that materially affects the information included in the previous announcements and that all material assumptions and technical parameters underpinning the estimates in the previous announcements continue to apply and have not materially changed.

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APPENDIX 1 – JORC CODE 2012 TABLE 1 INFORMATION REQUIRED BY ASX LISTING RULE 5.8.2

Section 1 – Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	• Nature and quality of sampling (eg cut channels, random chips, or specific specialized industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. • Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. • Aspects of the determination of mineralization that are Material to the Public Report. • In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverized to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralization types (eg submarine nodules) may warrant disclosure of detailed information.	• Core sampling protocols meet industry standard practices. • Core sampling is guided by lithology as determined during geological logging (i.e., by a geologist). All pegmatite intervals are sampled in their entirety (half-core), regardless if spodumene mineralization is noted or not (in order to ensure an unbiased sampling approach) in addition to ~1 to 3 m of sampling into the adjacent host rock (dependent on pegmatite interval length) to "bookend" the sampled pegmatite. • The minimum individual sample length is typically 0.3-0.5 m and the maximum sample length is typically 2.0 m. Targeted individual pegmatite sample lengths are 1.0 m. • All drill core is oriented to maximum foliation prior to logging and sampling and is cut with a core saw into half-core pieces, with one half-core collected for assay, and the other half-core remaining in the box for reference. • Core samples collected from drill holes were shipped to SGS Canada's laboratory in Val-d'Or, QC, for sample preparation (code PRP89 special) which included drying at 105°C, crush to 90% passing 2 mm, riffle split 250 g, and pulverize 85% passing 75 microns. Core sample pulps were shipped by air to SGS Canada's laboratory in Burnaby, BC, where the samples were homogenized and subsequently analyzed for multi-element (including Li and Ta) using sodium peroxide fusion with ICP-AES/MS finish (codes GE_ICP91A50 and GE_IMS91A50).
Drilling techniques	• Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	• NQ size core diamond drilling was completed for all holes. Core was not oriented.
Drill sample recovery	• Method of recording and assessing core and chip sample recoveries and results assessed. • Measures taken to maximize sample recovery and ensure representative	• All drill core was geotechnically logged following industry standard practices, and includes TCR, RQD, ISRM, and Q-Method. Core recovery is very good and typically exceeds 90%.

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Criteria	JORC Code explanation	Commentary
	nature of the samples. • Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	
Logging	• Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. • Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. • The total length and percentage of the relevant intersections logged.	• Upon receipt at the core shack, all drill core is pieced together, oriented to maximum foliation, metre marked, geotechnically logged (including structure), alteration logged, geologically logged, and sample logged on an individual sample basis. Core box photos are also collected of all core drilled, regardless of perceived mineralization. Specific gravity measurements of pegmatite are also collected at systematic intervals for all pegmatite drill core using the water immersion method, as well as select host rock drill core. • The logging is qualitative by nature, and includes estimates of spodumene grain size, inclusions, and model mineral estimates. • These logging practices meet or exceed current industry standard practices.
Sub-sampling techniques and sample preparation	• If core, whether cut or sawn and whether quarter, half or all core taken. • If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. • For all sample types, the nature, quality and appropriateness of the sample preparation technique. • Quality control procedures adopted for all sub-sampling stages to maximize representivity of samples. • Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. • Whether sample sizes are appropriate to the grain size of the material being sampled.	• Drill core sampling follows industry best practices. Drill core was saw-cut with half-core sent for geochemical analysis and half-core remaining in the box for reference. The same side of the core was sampled to maintain representativeness. • Sample sizes are appropriate for the material being assayed. • A Quality Assurance / Quality Control (QAQC) protocol following industry best practices was incorporated into the program and included systematic insertion of quartz blanks and certified reference materials (CRMs) into sample batches at a rate of approximately 5% each. Additionally, analysis of pulp-split and course-split sample duplicates were completed to assess analytical precision at different stages of the laboratory preparation process, and external (secondary) laboratory pulp-split duplicates were prepared at the primary lab for subsequent check analysis and validation at a secondary lab. • All protocols employed are considered appropriate for the sample type and nature of mineralization and are considered the optimal approach for maintaining representativeness in sampling.

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Quality of assay data and laboratory tests	• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. • For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. • Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	• Core samples collected from drill holes were shipped to SGS Canada's laboratory in Val-d'Or, QC, for standard sample preparation (code PRP89 special) which included drying at 105°C, crush to 90% passing 2 mm, riffle split 250 g, and pulverize 85% passing 75 microns. Core sample pulps were shipped by air to SGS Canada's laboratory in Burnaby, BC, where the samples were homogenized and subsequently analyzed for multi-element (including Li and Ta) using sodium peroxide fusion with ICP-AES/MS finish (codes GE_ICP91A50 and GE_IMS91A50). • The Company relies on both its internal QAQC protocols (systematic use of blanks, certified reference materials, and external checks), as well as the laboratory's internal QAQC. • All protocols employed are considered appropriate for the sample type and nature of mineralization and are considered the optimal approach for maintaining representativeness in sampling.
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel. • The use of twinned holes. • Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. • Discuss any adjustment to assay data.	• Intervals are reviewed and compiled by the VP Exploration and Project Managers prior to disclosure, including a review of the Company's internal QAQC sample analytical data. • Data capture utilizes MX Deposit software whereby core logging data is entered directly into the software for storage, including direct import of laboratory analytical certificates as they are received. The Company employs various on-site and post QAQC protocols to ensure data integrity and accuracy. • Adjustments to data include reporting lithium and tantalum in their oxide forms, as it is reported in elemental form in the assay certificates. Formulas used are Li_2O = Li x 2.153, and Ta_2O_5 = Ta x 1.221.
Location of data points	• Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. • Specification of the grid system used. • Quality and adequacy of topographic control.	• Each drill hole's collar has been surveyed with a RTK Trimble Zephyr 3 (or temporarily using a handheld GPS). • The coordinate system used is UTM NAD83 Zone 18. • The Company completed a property-wide LiDAR and orthophoto survey in August 2022, which provides high-quality topographic control. • The quality and accuracy of the topographic controls are considered adequate for advanced stage exploration and development, including mineral resource estimation.

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Data spacing and distribution	• Data spacing for reporting of Exploration Results. • Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • Whether sample compositing has been applied.	• Drill hole collar spacing is dominantly grid based at ~50 to 100 m. However, orientations of drill holes vary widely from near-vertical to -45° in dip and over a 200° range in azimuth. Subsurface pegmatite pierce points will vary based on angle of the drill hole and dip of the pegmatite body. • It is interpreted that the drill spacing will be sufficient to support a mineral resource estimate. • Core sample lengths typically range from 0.5 to 1.5 m and average ~1 m. Sampling is continuous within all pegmatite encountered in the drill hole. • Sample compositing has not been applied
Orientation of data in relation to geological structure	• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. • If the relationship between the drilling orientation and the orientation of key mineralized structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	• No sampling bias is anticipated based on structure within the mineralized body. • The principal mineralized body is relatively undeformed and very competent, although likely has some meaningful structural control. • At CV13, the "upper" pegmatite body has a shallow northerly dip and is coincident with a regional flexure.
Sample security	• The measures taken to ensure sample security.	• Samples were collected by Company staff or its consultants following specific protocols governing sample collection and handling. Core samples were bagged, placed in large supersacs for added security, palleted, and shipped directly to Val-d'Or, QC, being tracked during shipment along with Chain of Custody. Upon arrival at the laboratory, the samples were cross-referenced with the shipping manifest to confirm all samples were accounted for. At the laboratory, sample bags are evaluated for tampering.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	• A review of the sample procedures for the Company's 2021 fall drill program (CF21-001 to 004) and 2022 winter drill program (CV22-015 to 034) was completed by an Independent Competent Person and deemed adequate and acceptable to industry best practices (discussed in a technical report titled "NI 43-101 Technical Report on the Corvette Property, Quebec, Canada", by Alex Knox, M.Sc., P.Geol., Issue Date of June 27th, 2022.) • A review of the sample procedures through the Company's 2023 winter drill program was completed by an independent Competent Person with respect to the CV5 Pegmatite's maiden mineral resource estimate and deemed adequate and acceptable to industry best

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		practices (discussed in a technical report titled " NI 43-101 Technical Report, Mineral resource estimate for the CV5 Pegmatite, Corvette Property" by Todd McCracken, P.Geo., of BBA Engineering Ltd., and Ryan Cunningham, M.Eng., P.Eng., of Primero Group Americas Inc., Effective Date of June 25, 2023, and Issue Date of September 8, 2023. • Additionally, the Company continually reviews and evaluates its procedures in order to optimize and ensure compliance at all levels of sample data collection and handling.

Section 2 – Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. • The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	• The Corvette Property is comprised of 417 CDC claims located in the James Bay Region of Quebec, with Patriot Battery Metals Inc. the registered title holder for all of the claims. The Property's northern border is located within approximately 6 km to the south of the Trans-Taiga Road and powerline infrastructure corridor. At the Property, the CV13 Spodumene Pegmatite is located approximately 3.15 km along strike to the southwest of the CV5 Spodumene Pegmatite. The CV5 Spodumene Pegmatite is situated approximately 13.5 km south of the regional and all-weather Trans-Taiga Road and powerline infrastructure. • The Company holds 100% interest in the Property subject to various royalty obligations depending on original acquisition agreements. DG Resources Management holds a 2% NSR (no buyback) on 76 claims, D.B.A. Canadian Mining House holds a 2% NSR on 50 claims (half buyback for $2M) and Osisko Gold Royalties holds a sliding scale NSR of 1.5-3.5% on precious metals, and 2% on all other products, over 111 claims. The vast majority of the CV13 Spodumene Pegmatite, as is currently delineated, is not subject to a royalty. • The Property does not overlap any atypically sensitive environmental areas or parks, or historical sites to the knowledge of the Company. There are no known hinderances to operating at the Property, apart from the goose harvesting season (typically mid-April to mid-May) where the communities request helicopter flying not be completed, and potentially wildfires depending

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		on the season, scale, and location. • Claim expiry dates range from September 2024 to September 2026.
Exploration done by other parties	• Acknowledgment and appraisal of exploration by other parties.	• No core assay results from other parties are disclosed herein. • The most recent independent Property review was a technical report titled "NI 43-101 Technical Report, Mineral Resource Estimate for the CV5 Pegmatite, Corvette Property, James Bay Region, Québec, Canada", by Todd McCracken, P.Geo., of BBA Engineering Ltd., and Ryan Cunningham, M.Eng., P.Eng., of Primero Group Americas Inc., Effective Date of June 25, 2023, and Issue Date of September 8, 2023.
Geology	• Deposit type, geological setting and style of mineralization.	• The Property overlies a large portion of the Lac Guyer Greenstone Belt, considered part of the larger La Grande River Greenstone Belt and is dominated by volcanic rocks metamorphosed to amphibolite facies. The claim block is dominantly host to rocks of the Guyer Group (amphibolite, iron formation, intermediate to mafic volcanics, peridotite, pyroxenite, komatiite, as well as felsic volcanics). The amphibolite rocks that trend east-west (generally steeply south dipping) through this region are bordered to the north by the Magin Formation (conglomerate and wacke) and to the south by an assemblage of tonalite, granodiorite, and diorite, in addition to metasediments of the Marbot Group (conglomerate, wacke). Several regional-scale Proterozoic gabbroic dykes also cut through portions of the Property (Lac Spirt Dykes, Senneterre Dykes). • The geological setting is prospective for gold, silver, base metals, platinum group elements, and lithium over several different deposit styles including orogenic gold (Au), volcanogenic massive sulfide (Cu, Au, Ag), komatiite-ultramafic (Au, Ag, PGE, Ni, Cu, Co), and pegmatite (Li, Ta). • Exploration of the Property has outlined three primary mineral exploration trends crossing dominantly east-west over large portions of the Property – Golden Trend (gold), Maven Trend (copper, gold, silver), and CV Trend (lithium, tantalum). The CV5 and CV13 spodumene pegmatites are situated within the CV Trend. Lithium mineralization at the Property, including at CV5 and CV13, is observed to occur within quartz-feldspar pegmatite, which may be exposed at surface as high relief 'whale-back' landforms. The

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		pegmatite is often very coarse-grained and off-white in appearance, with darker sections commonly composed of mica and smoky quartz, and occasional tourmaline. • The lithium pegmatites at Corvette are categorized as LCT Pegmatites. Core assays and ongoing mineralogical studies, coupled with field mineral identification and assays, indicate spodumene as the dominant lithium-bearing mineral on the Property, with no significant petalite, lepidolite, lithium-phosphate minerals, or apatite present. The pegmatites also carry significant tantalum values with tantalite indicated to be the mineral phase.
Drill hole Information	• A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: ○ easting and northing of the drill hole collar ○ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar ○ dip and azimuth of the hole ○ down hole length and interception depth ○ hole length. • If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	• Drill hole attribute information is included in Table 2 herein. • Pegmatite intersections of <2 m are not typically presented as they are considered insignificant.
Data aggregation methods	• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. • Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	• Length weighted averages were used to calculate grade over width. • No specific grade cap or cut-off was used during grade width calculations. The lithium and tantalum average of the entire pegmatite interval is calculated for all pegmatite intervals over 2 m core length, as well as higher grade zones at the discretion of the geologist. Pegmatites have inconsistent mineralization by nature, resulting in some intervals having a small number of poorly mineralized samples included in the calculation. Non-pegmatite internal dilution is limited to typically <3 m where relevant and intervals indicated when assays are reported. • No metal equivalents have been reported.

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	• The assumptions used for any reporting of metal equivalent values should be clearly stated.	
Relationship between mineralization widths and intercept lengths	• These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralization with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	• Geological modelling is ongoing on a hole-by-hole basis as CV13 is drilled. However, current interpretation supports an upper and lower pegmatite body, each trending sub-parallel to each other with a shallow northerly dip (collectively, the 'CV13 Spodumene Pegmatite') • All reported widths are core length. True widths are not calculated for each hole due to the relatively wide drill spacing at this stage of delineation and the typical irregular nature of pegmatite, as well as the varied drill hole orientations. As such, true widths may vary widely from hole to hole.
Diagrams	• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	• Please refer to the figures included herein as well as those posted on the Company's website.
Balanced reporting	• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	• Please refer to the table(s) included herein as well as those posted on the Company's website. • Results for pegmatite intervals <2 m are not reported.
Other substantive exploration data	• Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	• The Company is currently completing baseline environmental work over the CV5 and CV13 pegmatite area. No endangered flora or fauna have been documented over the Property to date, and several sites have been identified as potentially suitable for mine infrastructure. • The Company has completed a bathymetric survey over the shallow glacial lake which overlies a portion of the CV5 Spodumene Pegmatite. The lake depth ranges from <2 m to approximately 18 m, although the majority of the CV5 Spodumene Pegmatite, as delineated to date, is overlain by typically <2 to 10 m of water. • The Company has completed preliminary metallurgical testing comprised of HLS and magnetic testing, which has produced 6+% Li_2O spodumene concentrates at >70% recovery on both CV5 and CV13 pegmatite material, indicating DMS as a viable primary process

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		approach, and that both CV5 and CV13 could potentially feed the same process plant. A DMS test on CV5 Spodumene Pegmatite material returned a spodumene concentrate grading 5.8% Li_2O at 79% recovery, strongly indicating potential for a DMS only operation to be applicable. • Various mandates required for advancing the Project towards economic studies have been initiated, including but not limited to, environmental baseline, metallurgy, geomechanics, hydrogeology, hydrology, stakeholder engagement, geochemical characterization, as well as transportation and logistical studies.
Further work	• The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). • Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	• The Company intends to continue drilling the pegmatites of the Corvette Property, focused on the CV5 Spodumene Pegmatite and adjacent subordinate lenses, as well as the CV13 Spodumene Pegmatite. At CV5, mineralization remains open along strike at both ends, and to depth along a significant portion of its length. At CV13, mineralization remains open along strike at both ends, and to depth.

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