FORM 51-102F3

MATERIAL CHANGE REPORT

- Name and Address of Company Lithium Lion Metals Inc. 305–1770 Burrard Street Vancouver, British Columbia V6J 3G7
- 2. Date of Material Change November 16, 2023

3. News Release

The news release announcing the material change was disseminated on November 16, 2023, through The Newswire. The news release was also filed on SEDAR.

- **4. Summary of Material Change** Lithium Lion Metals announced it filed an updated independent Technical Report on SEDAR.
- 5.1 Full Description of Material Change See attached news release.
- 5.2 Disclosure for Restructuring Transactions N/A
- 6. Reliance on subsection 7.1(2) of National Instrument 51-102 Not applicable.

7. Omitted Information

No information has been intentionally omitted from this material change report.

8. Executive Officer

Mark Haywood, Chief Executive officer 604.416.0569

9. Date of Report

November 17, 2023



LITHIUM LION FILES UPDATED NI 43-101 TECHNICAL REPORT FOR ITS MIA LI-3 LITHIUM PROJECT

Vancouver, British Columbia / November 16, 2023 – Lithium Lion Metals Inc.. ("Lithium Lion" or the "Company") (CSE: LLM) (OTC: GLIOF) (FWB: 2BC) announces that it has filed an updated NI 43-101 Technical Evaluation Report (the "Report") prepared in accordance with National Instrument 43-101 – Standards for Disclosure of Mineral Projects for its Mia Li-3 Lithium Project, located in the James Bay region of northern Quebec.

The Report is available under the Company's profile on SEDAR at <u>www.sedar.com</u> and on the Company's website at https://www.lithiumlion.ca/.

Qualified Persons

The Technical Evaluation Report was prepared by Geologica Groupe-Conseil Inc., and the contents of this news release have been reviewed and approved by:

- Alain-Jean Beauregard, P. Geo. of Geologica Groupe-Conseil Inc., who is an independent Qualified Person as defined by NI 43-101. Mr. Beauregard is responsible for, and has reviewed and approved this news release.
- Daniel Gaudreault, P.Eng. of Geologica Groupe-Conseil Inc., who is an independent Qualified Person as defined by NI 43-101. Mr. Gaudreault is responsible for, and has reviewed and approved this news release.

About Lithium Lion Metals Inc.

Lithium Lion Metals Inc. is a mineral exploration company actively involved in the exploration of its lithium and precious metals focused portfolio including the Mia Li-3 Lithium, in Quebec please visit: https://www.lithiumlion.ca/.

ON BEHALF OF THE BOARD OF DIRECTORS

Mark Haywood	Chief Executive Officer
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The CSE and Information Service Provider have not reviewed and does not accept responsibility for the accuracy or adequacy of this release.

Forward-Looking Statements

This news release contains "forward-looking information" within the meaning of applicable Canadian securities legislation. Often, but not always, forward-looking information and information can be identified by the use of words such as "plans", "expects" or "does not expect", "is expected", "estimates", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. Actual future results may differ materially. In particular, this release contains forward-looking information relating to the Company's expected benefits of the Transaction and opportunities which will arise from the acquisition of the Property. The forward-looking information reflects management's current expectations based on information currently available and are subject to a number of risks and uncertainties that may cause outcomes to differ materially from those discussed in the forward-looking information. Such risk factors may include, among others, but are not limited to: general economic conditions in Canada and globally; industry conditions, including governmental regulation and environmental regulation; the availability of capital on acceptable terms; the need to obtain required approvals from regulatory authorities; stock market volatility; competition for, among other things, skilled personnel and supplies; incorrect assessments of the value of acquisitions; geological, technical, processing and transportation problems; changes in tax laws and incentive programs; failure to realize the anticipated benefits of acquisitions and dispositions; and the other factors. Although the Company believes that the assumptions and factors used in preparing the forward-looking information are reasonable, undue reliance should not be placed on such information and no assurance can be given that such events will occur in the disclosed time frames or at all. Factors that could cause actual results or events to differ materially from current expectations include: (i) adverse market conditions; and (ii) other factors beyond the control of the Company. New risk factors emerge from time to time, and it is impossible for the Company's management to predict all risk factors, nor can the Company assess the impact of all factors on Company's business or the extent to which any factor, or combination of factors, may cause actual results to differ from those contained in any forward-looking information. The forwardlooking information included in this news release are made as of the date of this news release and the Company expressly disclaims any intention or obligation to update or revise any forward-looking information whether as a result of new information, future events or otherwise, except as required by applicable law. Additional information identifying risks and uncertainties that could affect financial results is contained in the Company's filings with Canadian securities regulators, which are available at <u>www.sedar.com.</u>