AMENDED - NEW MEETING DATE

LARGO PHYSICAL VANADIUM CORP.

Form of Proxy ("Proxy")

Record Date: July 14, 2026

Control Number:

Meeting Date: September 10, 2026

Proxy Deadline: September 8, 2026

Shares to Vote:

FORM OF PROXY - ANNUAL GENERAL MEETING TO BE HELD ON SEPTEMBER 10, 2026

Notice is hereby given that an Annual General Meeting (the "Meeting") of the shareholders of Largo Physical Vanadium Corp. (the "Company") will be held at 82 Richmond Street East, Toronto, Ontario, Canada on Thursday, September 10, 2026 at 10:00 a.m. (Toronto Time)

Please vote your shares prior to Deadline listed below using one of the following options:

1. Online at www.voteproxy.ca and by registering using your control number provided above;
2. By fax by sending your voting instructions to 416-360-7812; or
3. By emailing info@marrellitrust.ca; or
4. By returning the completed proxy form via letter mail to Marrelli Trust Company Limited, c/o DSA Corporate Services LP., 82 Richmond Street East, 2nd Fl., Toronto, Ontario M5C 1P1.

This Form of Proxy is solicited by and on behalf of Management

Notes to the proxy

1. Every holder has the right to appoint some other person or company of their choice, who need not be a holder, to attend and act on their behalf at the meeting. If you wish to appoint a person or company other than the persons whose names are printed herein, please insert the name of your chosen proxyholder in the space provided (see reverse).

2. If the securities are registered in the name of more than one owner (for example, joint ownership, trustees, executors, etc.), then all those registered should sign this proxy. If you are voting on behalf of a corporation or another individual you may be required to provide documentation evidencing your power to sign this proxy with signing capacity stated.

3. This proxy should be signed in the exact manner as the name appears on the proxy.

4. If this proxy is not dated, it will be deemed to bear the date on which it is mailed by Management to the holder.

5. The securities represented by this proxy will be voted as directed by the holder, however, if such a direction is not made in respect of any matter, this proxy will be voted as recommended by Management.

6. The securities represented by this proxy will be voted or withheld from voting, in accordance with the instructions of

PROXIES SUBMITTED MUST BE RECEIVED BY 10:00 AM, TORONTO TIME, ON SEPTEMBER 8, 2026

APPOINTEE(S)

We, being holder(s) of securities of LARGO PHYSICAL VANADIUM CORP. hereby appoints Jonathan Lee, Chairman of the Company, whom failing, Monique Hutchins, Corporate Secretary of the Company, or failing her, the following appointee:

OR

If you wish to attend in person or appoint someone else to attend on your behalf, print your name or the name of your appointee in this space.

as my/our appointee to attend, act and to vote in accordance with the following direction (or if no directions have been given, as the appointee sees fit) and all other matters that may properly come before the Annual General Meeting of shareholders of LARGO PHYSICAL VANADIUM CORP. to be held Thursday, September 10, 2026, at 10:00 a.m. (Toronto Time), at 82 Richmond Street East, Toronto, Ontario, M5C 1P1.

VOTING RECOMMENDATIONS ARE INDICATED BY HIGHLIGHTED TEXT OVER THE BOXES.

1. Number of Directors

To fix the number of directors to be elected at the Annual General Meeting at three (3).

	For	Against
	☐	☐

2. Election of Directors

To elect three (3) directors of the Company for the ensuing year.

	For	Withhold
a) Daniel Tellechea	☐	☐
b) Larry Ciccarelli	☐	☐
c) Erik Bethel	☐	☐

3. Appointment and Remuneration of Auditors

To appoint TZR LLP, Chartered Professional Accountants, as the auditor of the Company who will serve until the end of the next annual shareholder meeting or until its successor is appointed and to authorize the directors of the Company to fix the auditor's remuneration.

	For	Withhold
	☐	☐

This PROXY MUST BE SIGNED. This signed PROXY revokes and supersedes all previously dated and signed proxies.

Signature of Registered Holder

Please Print Name

Date (mm/dd/yyyy)

FINANCIAL STATEMENTS REQUEST

In accordance with securities regulations, shareholders may elect annually to receive financial statements, or a notice advising how to access financial statements, if they so request. If you wish to receive such mailings, please mark your selection.

INTERIM FINANCIAL REPORTS

Mark the box to the right if you would like to RECEIVE Interim Financial Statements and accompanying Management's Discussion & Analysis by mail. ☐

ANNUAL FINANCIAL REPORT

Mark the box to the right if you would like to RECEIVE Annual Financial Statements and accompanying Management's Discussion and Analysis by mail. ☐

To request the receipt of future documents via email, you may contact Marrelli Trust Company Limited at info@marrellitrust.ca.