

URAVAN MINERALS INC.

**NOTICE OF THE ANNUAL GENERAL AND SPECIAL MEETING OF SHAREHOLDERS
TO BE HELD
TUESDAY, MAY 23, 2023**

TO THE SHAREHOLDERS OF URAVAN MINERALS INC.

Notice is hereby given that the annual general and special meeting (the “**Meeting**”) of the shareholders (the “**Shareholders**”) of Uravan Minerals Inc. (the “**Company**”) will be held at Dentons Canada LLP, 15th Floor, Bankers Court, 850 – 2nd Street SW, Calgary, AB T2P 0R8 on Tuesday, May 23, 2023 at 1:00 p.m. (Calgary time) for the following purposes:

- (a) to receive and consider the financial statements of the Company for the year ended December 31, 2022, and the auditor’s report thereon;
- (b) to fix the number of directors to be elected at the Meeting at five (5);
- (c) to (i) elect directors of the Company to take office immediately following the Meeting (the “**Uravan Nominees**”), and (ii) conditional on and effective upon closing of the proposed reverse takeover transaction involving the Company and Nuclear Fuels Inc. transactions as contemplated in the Business Combination Agreement dated April 21, 2023 between the Company and NFI (the “**Transaction**”), an alternate group of directors to replace the Uravan Nominees;
- (d) to appoint MNP LLP as the auditors of the Company for the ensuing year and to authorize the directors to fix the auditors’ remuneration as such;
- (e) to consider and, if deemed advisable, to pass, with or without variation, an ordinary resolution (the “**Transaction Resolution**”) the full text of which is set forth in Appendix A to the management information circular dated April 25, 2023 (the “**Management Information Circular**”) accompanying this Notice of Meeting, to approve the acquisition of Nuclear Fuels Inc. (“**NFI**”) and the Transaction;
- (f) to consider, and, if deemed advisable, to pass, with or without variation, a special resolution, the full text of which is set forth in the accompanying Management Information Circular, authorizing the change of name of the Company to “Nuclear Fuels Inc.” or such other name as the board of directors of the Company, subject to applicable regulatory approval, determines to be appropriate;
- (g) to consider, and, if deemed advisable, to pass, with or without variation, a special resolution, the full text of which is set forth in the Management Information Circular, approving an amendment to the articles of incorporation of the Company to consolidate the issued and outstanding common shares (“**Common Shares**”) of the Company on the basis of one (1) pre-consolidation Common Share for every eight-tenths (0.8) of one post-consolidation Common Share;
- (h) to consider, and, if deemed advisable, to pass, with or without variation, a special resolution, the full text of which is set forth in the Management Information Circular,

approving the continuance of the Company from the *Business Corporations Act* (Alberta) to the *Business Corporations Act* (British Columbia);

- (i) to consider, and if deemed advisable, to pass, with or without variation, an ordinary resolution, to voluntarily delist the Common Shares of the Company from the TSX Venture Exchange concurrently with the listing of the post-consolidation Common Shares on the Canadian Securities Exchange;
- (j) to re-approve the Company's rolling share option plan (the "**Share Option Plan**") which allows for the issuance of that number of Common Shares as is equal to 10% of the Company's issued and outstanding Common Shares at any given time;
- (k) to consider and, if deemed advisable, approve, with or without variation, an ordinary resolution approving, conditional on and effective upon closing of the Transaction, the adoption of a new stock option plan of the Company in the form set out in Appendix G to the accompanying Management Information Circular; and
- (l) to transact such further and other business as may be properly brought before the Meeting or any adjournment thereof.

The nature of the business to be transacted at the Meeting is described in further detail in the accompanying Management Information Circular.

The record date for the determination of Shareholders entitled to receive notice of and to vote at the Meeting is April 3, 2023 (the "**Record Date**"). Shareholders of the Company whose names have been entered in the register of Shareholders at the close of business on that date will be entitled to receive notice of and to vote at the Meeting, provided that, to the extent a Shareholder transfers the ownership of any of such Shareholder's shares after such date and the transferee of those shares establishes that the transferee owns the shares and requests, by 4:30 p.m. (Calgary time) not later than 10 days before the Meeting, to be included in the list of Shareholders eligible to vote at the Meeting, such transferee will be entitled to vote those shares at the Meeting.

A Shareholder may attend the Meeting in person or may be represented by proxy. Shareholders who are unable to attend the Meeting or any adjournment thereof in person are requested to date, sign and return the accompanying form of proxy for use at the Meeting or any adjournment thereof. To be effective, the enclosed proxy must be mailed so as to reach or be deposited with the Proxy Department, Computershare Investor Services Inc., 8th Floor, 100 University Avenue, Toronto, Ontario M5J 2Y1, by facsimile to (866) 249-7775 (toll free), online at www.investorvote.com or by telephone by calling (866) 732-8683 (toll free) not later than forty-eight (48) hours (excluding Saturdays, Sundays and statutory holidays in the Province of Alberta) prior to the time set for the Meeting or any adjournment thereof.

The instrument appointing a proxy shall be in writing and shall be executed by the Shareholder or the Shareholder's attorney authorized in writing or, if the Shareholder is a company, under its corporate seal by an officer or attorney thereof duly authorized.

The persons named in the enclosed form of proxy are directors and/or officers of the Company. Each Shareholder has the right to appoint a proxyholder other than such persons, who need not be a Shareholder, to attend and to act for such Shareholder and on such Shareholder's behalf at the

Meeting. To exercise such right, the names of the nominees of management should be crossed out and the name of the Shareholder's appointee should be legibly printed in the blank space provided.

In the event of a strike, lockout or other work stoppage involving postal employees, all documents required to be delivered by a Shareholder should be delivered by facsimile to Computershare Investor Services Inc. at 1-866-249-7775.

DATED at Calgary, Alberta this 25th day of April, 2023

BY ORDER OF THE BOARD OF DIRECTORS

(signed) "Larry Lahusen"

Larry Lahusen

Chief Executive Officer and Director