

NOVAGOLD RESOURCES INC.
 201 SOUTH MAIN STREET, SUITE 400
 SALT LAKE CITY, UT 84111 USA

VOTE BY INTERNET

Before The Meeting - Go to www.proxyvote.com

Use the Internet to transmit your voting instructions and for electronic delivery of information up until 4:00 p.m. Eastern Time on May 10, 2021. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

During The Meeting - Go to www.virtualshareholdermeeting.com/NG2021

You may attend the meeting via the Internet and vote during the meeting. Have the information that is printed in the box marked by the arrow available and follow the instructions.

VOTE BY PHONE - 1-800-690-6903

Use any touch-tone telephone to transmit your voting instructions up until 4:00 p.m. Eastern Time on May 10, 2021. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

D38324-P52911

KEEP THIS PORTION FOR YOUR RECORDS
 DETACH AND RETURN THIS PORTION ONLY

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

NOVAGOLD RESOURCES INC.

The Board of Directors recommends you vote FOR the following proposals:

- | | | |
|-----------------------------|--------------------------|--------------------------|
| 1. Election of Directors | | |
| Nominees: | For | Withhold |
| 1a. Dr. Elaine Dorward-King | <input type="checkbox"/> | <input type="checkbox"/> |
| 1b. Sharon Dowdall | <input type="checkbox"/> | <input type="checkbox"/> |
| 1c. Dr. Diane Garrett | <input type="checkbox"/> | <input type="checkbox"/> |
| 1d. Dr. Thomas Kaplan | <input type="checkbox"/> | <input type="checkbox"/> |
| 1e. Gregory Lang | <input type="checkbox"/> | <input type="checkbox"/> |
| 1f. Igor Levental | <input type="checkbox"/> | <input type="checkbox"/> |
| 1g. Kalidas Madhavpeddi | <input type="checkbox"/> | <input type="checkbox"/> |
| 1h. Clynton Nauman | <input type="checkbox"/> | <input type="checkbox"/> |
| 1i. Ethan Schutt | <input type="checkbox"/> | <input type="checkbox"/> |
| 1j. Anthony Walsh | <input type="checkbox"/> | <input type="checkbox"/> |

2. Appointment of Auditors

Appointment of PricewaterhouseCoopers LLP as the Auditors of the Company for the fiscal year ending November 30, 2021 and authorizing the Directors to fix their remuneration. See disclosure under the heading "Appointment of Auditor" as set out in the Company's Management Information Circular dated March 25, 2021.

- | | | |
|--------------------------|--------------------------|--------------------------|
| | For | Withhold |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

3. Approval of Amendment and Restatement of the Company's Articles

Approval of certain amendments to the Company's Articles. See disclosure under the heading "Additional Matters to be Acted Upon" as set out in the Company's Management Information Circular dated March 25, 2021.

- | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|
| | For | Against | Abstain |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

4. Approval of Non-Binding Advisory Vote on Executive Compensation

Approval of a non-binding resolution approving the compensation of the Company's Named Executive Officers. See disclosure under the heading "Additional Matters to be Acted Upon" as set out in the Company's Management Information Circular dated March 25, 2021.

- | | | |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--------------------------|--------------------------|--------------------------|

NOTE: Such other business as may properly come before the meeting or any adjournment thereof.

See disclosure under the heading "Election of Directors" as set out in the Company's Management Information Circular dated March 25, 2021.

Please sign exactly as your name(s) appear(s) hereon. When signing as attorney, executor, administrator, or other fiduciary, please give full title as such. Joint owners should each sign personally. All holders must sign. If a corporation or partnership, please sign in full corporate or partnership name by authorized officer.

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Signature [PLEASE SIGN WITHIN BOX]

Date

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Signature (Joint Owners)

Date

Important Notice Regarding the Availability of Proxy Materials for the Annual and Special Meeting:
The Notice and Proxy Statement, Annual Report and NI Card are available at www.proxyvote.com.

D38325-P52911

**NOVAGOLD RESOURCES INC.
Annual and Special Meeting of Shareholders
May 12, 2021 1:00 PM PDT
This proxy is solicited by the Board of Directors**

The shareholder(s) hereby appoint(s) Gregory Lang and Tricia Pannier, or either of them, as proxies, each with the power to appoint his or her substitute, and hereby authorize(s) them to represent and to vote, as designated on the reverse side of this ballot, all of the shares of Common Stock of NOVAGOLD RESOURCES INC. that the shareholder(s) is/are entitled to vote at the Annual and Special Meeting of Shareholders to be held at 1:00 PM, PDT on May 12, 2021, at the virtual meeting hosted by Broadridge, and any adjournment or postponement thereof.

This proxy, when properly executed, will be voted in the manner directed herein. If no such direction is made, this proxy will be voted in accordance with the Board of Directors' recommendations.

Continued and to be signed on reverse side