

Hemlo Mining Corp.

Form of Proxy – Annual General and Special Meeting to be held on June 12, 2026



Trader's Bank Building
1100, 67 Yonge Street
Toronto ON M5E 1J8

Appointment of Proxyholder

I/We being the undersigned holder(s) of Hemlo Mining Corp.(the "Corporation") hereby appoint **Jason Kosec** or failing this person, **Jonathan Awde**

OR

Print the name of the person you are appointing if this person is someone other than the Management Nominees listed herein:

as my/our proxyholder with full power of substitution and to attend, act, and to vote for and on behalf of the holder in accordance with the following direction (or if no directions have been given, as the proxyholder sees fit) and all other matters that may properly come before the Annual General and Special Meeting of the Corporation to be held June 12, 2026, via Live audio webcast online at <https://meetings.lumiconnect.com/400-762-220-177> at 9:00 a.m. ET or at any adjournment thereof.

1. Appointment of Auditors. To appoint PricewaterhouseCoopers LLP, as the Corporation's auditor for the ensuing year and to authorize the board of directors of the Corporation to fix the auditor's remuneration.							For	Withhold
							<input type="checkbox"/>	<input type="checkbox"/>
2. Election of Directors.	For	Against		For	Against		For	Against
a. Jonathan Awde	<input type="checkbox"/>	<input type="checkbox"/>	b. Jason Kosec	<input type="checkbox"/>	<input type="checkbox"/>	c. Robert Quartermain	<input type="checkbox"/>	<input type="checkbox"/>
d. Glenn Kumoi	<input type="checkbox"/>	<input type="checkbox"/>	e. Audra Walsh	<input type="checkbox"/>	<input type="checkbox"/>	f. Tom Yip	<input type="checkbox"/>	<input type="checkbox"/>
3. Change of Registered Office. To consider and, if deemed advisable, to pass, with or without variation, a special resolution to approve an amendment to the Corporation's articles of incorporation to effect a change of the province in which the registered office of the Corporation is situated, from British Columbia to Ontario.							For	Against
							<input type="checkbox"/>	<input type="checkbox"/>
4. Ratification of Option Awards. To consider and, if deemed advisable, to pass, with or without variation, an ordinary resolution of disinterested Shareholders to ratify, confirm and approve the grant of options made by the Corporation to certain directors, officers and consultants on August 8, 2025, subject to adjustments to the exercise price pursuant to requirements of the TSX Venture Exchange ("TSXV"), and further adjustments to the number and exercise price to reflect the Corporation's share consolidation completed on November 27, 2025.							For	Against
							<input type="checkbox"/>	<input type="checkbox"/>
5. Ratification of Shareholder Rights Plan. To consider and, if deemed advisable, to pass, with or without variation, an ordinary resolution to ratify, confirm, and approve the Corporation's new shareholder rights plan.							For	Against
							<input type="checkbox"/>	<input type="checkbox"/>
6. Approval of Amended and Restated Omnibus Plan. To consider and, if deemed advisable, to pass, with or without variation, an ordinary resolution approving the Amended and Restated Omnibus Equity Incentive Plan (the "A&R Plan"), which amends and restates the Corporation's existing Omnibus Equity Incentive Plan (the "Existing Plan") in connection with the proposed graduation of the Corporation's listing from the TSXV to the Toronto Stock Exchange (the "TSX"), such resolution to become effective only upon the date on which the Corporation's common shares are listed and posted for trading on the TSX (the "Graduation Date").							For	Against
							<input type="checkbox"/>	<input type="checkbox"/>
7. Reapproval of Existing Omnibus Plan. To consider and, if deemed advisable, to pass, with or without variation, an ordinary resolution to re-approve the 10% rolling Existing Plan, in the same form previously approved at the last annual meeting on October 30, 2025, pursuant to the requirements of the TSXV, such re-approval to remain in full force and effect unless and until it is automatically superseded upon the A&R Plan becoming effective on the Graduation Date.							For	Against
							<input type="checkbox"/>	<input type="checkbox"/>

Authorized Signature(s) – This section must be completed for your instructions to be executed.

I/We authorize you to act in accordance with my/our instructions set out above. I/We hereby revoke any proxy previously given with respect to the Meeting. If no voting instructions are indicated above, **this Proxy will be voted as recommended by Management.**

Signature(s):

Date

MM / DD / YY

Interim Financial Statements – Check the box to the right if you would like to receive interim financial statements and accompanying Management's Discussion & Analysis by mail. See reverse for instructions to sign up for delivery by email.

Annual Financial Statements – Check the box to the right if you would like to RECEIVE the Annual Financial Statements and accompanying Management's Discussion and Analysis by mail. See reverse for instructions to sign up for delivery by email.

INSTEAD OF MAILING THIS PROXY, YOU MAY SUBMIT YOUR PROXY USING SECURE ONLINE VOTING AVAILABLE ANYTIME:

**This form of proxy is solicited by and on behalf of Management.
Proxies must be received by 9:00 a.m. ET, on June 10, 2026.**

Notes to Proxy

1. Each holder has the right to appoint a person, who need not be a holder, to attend and represent them at the Meeting. If you wish to appoint a person other than the persons whose names are printed herein, please insert the name of your chosen proxyholder in the space provided on the reverse.
2. If the securities are registered in the name of more than one holder (for example, joint ownership, trustees, executors, etc.) then all of the registered owners must sign this proxy in the space provided on the reverse. 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 the holder, on any ballot that may be called for and, if the holder has specified a choice with respect to any matter to be acted on, the securities will be voted accordingly.
7. This proxy confers discretionary authority in respect of amendments to matters identified in the Notice of Meeting or other matters that may properly come before the meeting.
8. This proxy should be read in conjunction with the accompanying documentation provided by Management.



To Vote Your Proxy Online please visit:

<https://vote.odysseystrust.com>

You will require the CONTROL NUMBER printed with your address to the right.

You can attend the meeting virtually by visiting <https://meetings.lumiconnect.com> and entering the meeting ID 400-762-220-177. For further information on the virtual meeting and how to attend it, please view the management information circular of the company.

If you vote by Internet, do not mail this proxy.

To request the receipt of future documents via email and/or to sign up for Securityholder Online services, you may contact Odyssey Trust Company at <https://odysseystrust.com/ca-en/help/>.

Voting by mail may be the only method for securities held in the name of a corporation or securities being voted on behalf of another individual. A return envelope has been enclosed for voting by mail.