



Computershare

320 Bay Street, 14th Floor
Toronto, ON M5H 4A6
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Security Class

Holder Account Number

Fold

Form of Proxy - Annual General Meeting to be held on Monday, June 22, 2026

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

Notes to 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 or any adjournment or postponement thereof. If you wish to appoint a person or company other than the Management Nominees 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. If you are voting on behalf of a corporation you are required to provide your name and designation of office, e.g., ABC Inc. per John Smith, President.
3. This proxy should be signed in the exact manner as the name(s) appear(s) on the proxy.
4. If a date is not inserted in the space provided on the reverse of this proxy, it will be deemed to bear the date on which it was mailed to the holder by Management.
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, and the proxy appoints the Management Nominees listed on the reverse, this proxy will be voted as recommended by Management.
6. The securities represented by this proxy will be voted in favour, or withheld from voting, or voted against each of the matters described herein, as applicable, in accordance with the instructions of the holder, on any ballot that may be called for. If you have 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 or variations to matters identified in the Notice of Meeting and Management Information Circular or other matters that may properly come before the meeting or any adjournment or postponement thereof, unless prohibited by law.
8. This proxy should be read in conjunction with the accompanying documentation provided by Management.

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Proxies submitted must be received by 10:00 a.m. (Pacific Time) on June 18, 2026.

VOTE USING THE TELEPHONE OR INTERNET 24 HOURS A DAY 7 DAYS A WEEK!



To Vote Using the Telephone

- Call the number listed BELOW from a touch tone telephone.

1-866-732-VOTE (8683) Toll Free



To Vote Using the Internet

- Go to the following web site:
www.investorvote.com
- **Smartphone?**
Scan the QR code to vote now.



If you vote by telephone or the Internet, DO NOT mail back this proxy.

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.

Voting by mail or by Internet are the only methods by which a holder may appoint a person as proxyholder other than the Management Nominees named on the reverse of this proxy. Instead of mailing this proxy, you may choose one of the two voting methods outlined above to vote this proxy.

To vote by telephone or the Internet, you will need to provide your CONTROL NUMBER listed below.

CONTROL NUMBER



Appointment of Proxyholder

I/We being holder(s) of Alaska Energy Metals Corporation (the "Company") hereby appoint: Gregory Beischer, or failing this person, Kevin Ma (the "Management Nominees")

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 shareholder 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 Meeting (the "Meeting") of shareholders of Alaska Energy Metals Corporation to be held in the boardroom at 29th Floor, 733 Seymour Street, Vancouver, BC, on Monday, June 22, 2026 at 10:00 a.m. (Pacific Time) and at any adjournment or postponement thereof.

VOTING RECOMMENDATIONS ARE INDICATED BY HIGHLIGHTED TEXT OVER THE BOXES.

1. Number of Directors

To set the number of directors at five (5).

For Against

2. Election of Directors

For Withhold

For Withhold

For Withhold

01. Gregory Beischer

02. Tyron Breitenbach

03. Corri Feige

04. John (Ian) Stalker

05. Mario Vetro

For Withhold

3. Appointment of Auditors

Appointment of Crowe MacKay LLP, Chartered Professional Accountants as auditor of the Company for the ensuing year and authorizing the directors to fix their remuneration.

4. Approval of Share Option Plan

BE IT RESOLVED THAT:

1. The Company's amended share option plan, materially as attached as Schedule B to the Company's management information circular dated May 11, 2026, is approved.
2. Any director or officer of the Company is hereby authorized and directed, acting for, in the name of and on behalf of the Company, to execute or cause to be executed, under the seal of the Company or otherwise, and to deliver or cause to be delivered, such other documents and instruments, and to do or cause to be done all such other acts and things, as may in the opinion of such director or officer of the Company be necessary or desirable to carry out the intent of the foregoing resolution.

For Against

5. Approval of Amended RSU Plan

BE IT RESOLVED THAT:

1. The Company's amended restricted share unit plan dated October 7, 2025, materially as attached as Schedule C to the Company's management information circular dated May 11, 2026, which reserves for issuance a maximum of 17,171,936 Common Shares thereunder, is approved.
2. Any director or officer of the Company is hereby authorized and directed, acting for, in the name of and on behalf of the Company, to execute or cause to be executed, under the seal of the Company or otherwise, and to deliver or cause to be delivered, such other documents and instruments, and to do or cause to be done all such other acts and things, as may in the opinion of such director or officer of the Company be necessary or desirable to carry out the intent of the foregoing resolution.

6. Approval of Conditional Compensation Securities - Exceedance of RSU Plan Limit

BE IT RESOLVED THAT:

1. The grant by the Company of an aggregate of 8,500,000 restricted share units (the "RSUs") to certain insiders of the Company, as more particularly described in the management information circular of the Company dated May 11, 2026 (the "Circular"), in excess of the RSU Plan Limit (as defined in the Circular), is approved.
2. Any director or officer of the Company is hereby authorized and directed, acting for, in the name of and on behalf of the Company, to execute or cause to be executed, under the seal of the Company or otherwise, and to deliver or cause to be delivered, such other documents and instruments, and to do or cause to be done all such other acts and things, as may in the opinion of such director or officer of the Company be necessary or desirable to carry out the intent of the foregoing resolution.

7. Approval of Conditional Compensation Securities - Exceedance of Insider Participation Limit

BE IT RESOLVED THAT:

1. The grant by the Company of an aggregate of 5,000,000 stock options (the "Options") and 8,500,000 restricted share units (the "RSUs") to certain insiders of the Company, as more particularly described in the management information circular of the Company dated May 11, 2026 (the "Circular"), in excess of the Insider Participation Limit (as defined in the Circular), is approved.
2. Any director or officer of the Company is hereby authorized and directed, acting for, in the name of and on behalf of the Company, to execute or cause to be executed, under the seal of the Company or otherwise, and to deliver or cause to be delivered, such other documents and instruments, and to do or cause to be done all such other acts and things, as may in the opinion of such director or officer of the Company be necessary or desirable to carry out the intent of the foregoing resolution.

For Against

8. Approval of Extension of Term of Restricted Share Units

BE IT RESOLVED THAT:

1. The extension of the expiry date of 1,500,000 outstanding restricted share units of the Company from October 4, 2026 to December 31, 2026, as more particularly described in the management information circular of the Company dated May 11, 2026, is approved.
2. Any director or officer of the Company is hereby authorized and directed, acting for, in the name of and on behalf of the Company, to execute or cause to be executed, under the seal of the Company or otherwise, and to deliver or cause to be delivered, such other documents and instruments, and to do or cause to be done all such other acts and things, as may in the opinion of such director or officer of the Company be necessary or desirable to carry out the intent of the foregoing resolution.

9. Other Business

To transact such other business as may be brought before the Meeting and any adjournments thereof.

Signature of Proxyholder

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, and the proxy appoints the Management Nominees, this Proxy will be voted as recommended by Management.

If you are voting on behalf of a corporation you are required to provide your name and designation of office, e.g., ABC Inc. per John Smith, President.

Signature(s)

Date

DD / MM / YY

Signing Capacity

Interim Financial Statements – Mark this box if you would like to receive Interim Financial Statements and accompanying Management's Discussion and Analysis by mail.

Annual Financial Statements – Mark this box if you would like to receive the Annual Financial Statements and accompanying Management's Discussion and Analysis by mail.

If you are not mailing back your proxy, you may register online to receive the above financial report(s) by mail at www.computershare.com/maillinglist.

