



Appointment of Proxyholder

I/We, being holder(s) of common shares of CanAlaska Uranium Ltd. (the "Company"), hereby appoint: Peter Dasler, President and Chief Executive Officer, or, failing him, Harry Chan, Chief Financial Officer OR

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 FOR a matter by Management's appointees or, if you appoint another proxyholder, as that other proxyholder sees fit. On any amendments or variations proposed or any new business properly submitted before the Meeting, I/We authorize you to vote as you see fit.**

Print the name of the person you are appointing if this person is someone other than the individuals listed above

as proxy of the undersigned, to attend, act and vote on behalf of the undersigned in accordance with the below direction (or if no directions have been given, as the proxy sees fit) on all the following matters and any other matter that may properly come before the Annual General Meeting of Shareholders of the Company to be held at 10:00 a.m. (Vancouver Time) on September 30, 2020, at Suite 1020 – 625 Howe Street, Vancouver, British Columbia, Canada (the "Meeting"), and at any and all adjournments or postponements thereof in the same manner, to the same extent and with the same powers as if the undersigned were personally present, with full power of substitution.

Signature(s)

Date

Please sign exactly as your name(s) appear on this proxy. Please see reverse for instructions. All proxies must be received by 10:00 a.m. (Vancouver Time) on September 28, 2020.

Management recommends voting FOR Resolutions 1, 2, 3, 4 and 5: Please use a dark black pencil or pen.

1. Election of Directors

FOR

WITHHOLD

- | | | |
|----------------------------|--------------------------|--------------------------|
| 1. Peter Dasler | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Victor Fern | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Amb. Thomas Graham, Jr. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Jean Luc Roy | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Karl Schimann | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Kathleen Townsend | <input type="checkbox"/> | <input type="checkbox"/> |

2. Re-Appointment of Auditor

To re-Appoint Deloitte LLP as Auditors for the ensuing year and authorize the Directors to fix their remuneration

<input type="checkbox"/>	<input type="checkbox"/>
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FOR

AGAINST

3. Number of Directors

To set the number of Directors at Six (6).

<input type="checkbox"/>	<input type="checkbox"/>
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4. Re-Approval of Stock Option Plan

To re-approve the Company's 10% rolling stock option plan.

<input type="checkbox"/>	<input type="checkbox"/>
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5. Transact Any Other Business

To transact any other business which may properly come before the Meeting.

<input type="checkbox"/>	<input type="checkbox"/>
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Proxy Form – Annual General Meeting of Shareholders of CanAlaska Uranium Ltd. to be held on September 30, 2020 at 10:00 a.m. (Vancouver Time) (the “Meeting”)

Notes to Proxy

1. This proxy must be signed by a holder or his or her attorney duly authorized in writing. If you are an individual, please sign exactly as your name appears on this proxy. If the holder is a corporation, a duly authorized officer or attorney of the corporation must sign this proxy, and if the corporation has a corporate seal, its corporate seal should be affixed.

2. If the securities are registered in the name of an executor, administrator or trustee, please sign exactly as your name appears on this proxy. If the securities are registered in the name of a deceased or other holder, the proxy must be signed by the legal representative with his or her name printed below his or her signature, and evidence of authority to sign on behalf of the deceased or other holder must be attached to this proxy.

3. Some holders may own securities as both a registered and a beneficial holder; in which case you may receive more than one Circular and will need to vote separately as a registered and beneficial holder. Beneficial holders may be forwarded either a form of proxy already signed by the intermediary or a voting instruction form to allow them to direct the voting of securities they beneficially own. Beneficial holders should follow instructions for voting conveyed to them by their intermediaries.

4. If a security is held by two or more individuals, any one of them present or represented by proxy at the Meeting may, in the absence of the other or others, vote at the Meeting. However, if one or more of them are present or represented by proxy, they must vote together the number of securities indicated on the proxy.

All holders should refer to the Proxy Circular for further information regarding completion and use of this proxy and other information pertaining to the Meeting.

This proxy is solicited by and on behalf of Management of the Company.

How to Vote

MAIL, FAX or EMAIL

- Complete and return your signed proxy and send to:

By Mail:

AST Trust Company (Canada)
Proxy Department
PO Box 721
Agincourt, ON M1S 0A1

By Hand or Courier:

AST Trust Company (Canada)
1600 – 1066 West Hastings Street
Vancouver, BC V6E 3X1

- You may alternatively fax your proxy to 416-368-2502 or toll free in Canada and United States to 1-866-781-3111 or scan and email to proxyvote@astfinancial.com.

An undated proxy is deemed to be dated on the day it was received by AST Trust Company (Canada).

All proxies must be received by 10:00 a.m. (Vancouver Time) on September 28, 2020.