TRIMETALS MINING INC.
FORM OF PROXY

THIS PROXY IS SOLICITED BY THE MANAGEMENT OF TRIMETALS MINING INC. (THE "CORPORATION") FOR USE AT THE ANNUAL GENERAL MEETING OF SHAREHOLDERS (THE "MEETING") TO BE HELD ON MAY 18, 2016 AT 4:00 P.M. (TORONTO TIME).

The undersigned shareholder of the Corporation hereby appoints Mr. Ralph G. Fitch, or failing him Ms. Tina M. Woodside, or instead of the foregoing _____, as the nominee and proxy of the undersigned to attend, act and vote on behalf of the undersigned at the Meeting and any adjournment thereof in the same manner, to the same extent and with the same powers as the undersigned as if the undersigned were present at the Meeting. The said nominee and proxy is directed to vote as indicated below:

1. To set the number of directors at seven. [ ] **VOTE FOR** or [ ] against **(and, if no specification is made, to vote FOR)**.

2. To vote in respect of the election of directors for management's nominees named in the accompanying management information circular as follows **(and, if no specification is made, to vote FOR)**:

(a) Ralph G. Fitch	[ ] **VOTE FOR** or [ ] Withhold
(b) Antonio Canton	[ ] **VOTE FOR** or [ ] Withhold
(c) Victor René Dario	[ ] **VOTE FOR** or [ ] Withhold
(d) Roman Mironchik	[ ] **VOTE FOR** or [ ] Withhold
(e) Paul Sheehan	[ ] **VOTE FOR** or [ ] Withhold
(f) Robert van Doorn	[ ] **VOTE FOR** or [ ] Withhold
(g) Tina M. Woodside	[ ] **VOTE FOR** or [ ] Withhold

3. [ ] **VOTE FOR** or [ ] withhold **(and, if no specification is made, to vote FOR)** with respect to the appointment of PricewaterhouseCoopers LLP, Chartered Accountants, as auditors of the Corporation and to authorize the directors to fix the remuneration to be paid to the auditors;

To vote in his/her discretion with respect to amendments or variations to the above matters and on such other matters as may properly come before the Meeting or any adjournment thereof.

DATED this _____ day of _____, 2016.

_____
Signature of Shareholder (Please sign exactly as your name appears on this form)

PLEASE REFER TO THE NOTES LOCATED BELOW

Notes:

1. Whether or not you expect to attend the Meeting, please exercise your right to vote by completing and returning the form of proxy. If you execute the form of proxy you may still attend the Meeting. Note only registered shareholders or proxyholders may vote in person at the Meeting. A proxy should be dated and signed by the shareholder or by the shareholder's attorney authorized in writing. If not dated, this proxy shall be deemed to bear the date on which it was mailed by the management of the Corporation.

2. **YOU HAVE THE RIGHT TO APPOINT A PERSON OTHER THAN AS DESIGNATED HEREIN TO REPRESENT YOU AT THE MEETING EITHER BY INSERTING SUCH PERSON'S NAME IN THE BLANK SPACE PROVIDED OR BY COMPLETING ANOTHER PROPER FORM OF PROXY AND, IN EITHER CASE, DELIVERING THE COMPLETED PROXY TO CST TRUST COMPANY AS SET OUT BELOW.**

3. The Common Shares represented by this proxy will be voted in accordance with the instructions of the shareholder on any ballot that may be called for. **IN THE ABSENCE OF DIRECTION, THIS PROXY WILL BE VOTED FOR EACH OF THE MATTERS REFERRED TO HEREIN AND IN RESPECT OF ANY OTHER MATTER IN ACCORDANCE WITH THE JUDGEMENT OF THE PERSON NAMED AS PROXY HEREIN.**

4. A completed proxy must be delivered, if by mail, to CST Trust Company, Proxy Department, P.O. Box 721, Agincourt, Ontario, M1S 0A1, or if by email, to proxy@canstockta.com, so as to arrive not later than 5:00 p.m. (Toronto time) on the second business day (excluding Saturdays, Sundays and holidays) preceding the date of the Meeting or any postponement or adjournment thereof. A completed proxy may be faxed to CST Trust Company, Proxy Department at (416) 368-2502 and toll free at 1-866-781-3111 (within North America).