
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, DC 20549

FORM 6-K

**Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16
Under the Securities Exchange Act of 1934**

For the month of February, 2025

Cameco Corporation
(Commission file No. 1-14228)

**2121-11th Street West
Saskatoon, Saskatchewan, Canada S7M 1J3**
(Address of Principal Executive Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F ☐ Form 40-F ☒

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes ☐ No ☒

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
99.1	<u>Consent of Alain D. Renaud, P. Geo.</u>
99.2	<u>Consent of Biman Bharadwaj, P. Eng.</u>
99.3	<u>Consent of Scott Bishop, P. Eng.</u>
99.4	<u>Consent of Kirk Lamont, P. Eng.</u>
99.5	<u>Consent of Gregory M. Murdock, P. Eng.</u>
99.6	<u>Consent of Sergey Ivanov, P. Geo.</u>
99.7	<u>Consent of Daley McIntyre, P. Eng.</u>

The Company hereby incorporates by reference into the Company's registration statements on Form S-8 (File Nos. 333-11736, 333-06180, 333-139165, 333-196422 and 333-281406) and Form F-10 (File No. 333-283140) the information contained in the exhibits to this Form 6-K.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: February 21, 2025

Cameco Corporation

By: /s/ Sean A. Quinn
Sean A. Quinn
Senior Vice-President, Chief Legal Officer and Corporate
Secretary

CONSENT OF EXPERT

Reference is made to the Registration Statement on Form F-10 (File No. 333-283140) (the "Form F-10") of Cameco Corporation filed with the United States Securities and Exchange Commission pursuant to the United States Securities Act of 1933, as amended, and any amendments thereto.

I hereby consent to reference to my name and my involvement in the preparation of, or supervision of the preparation of, scientific and technical information in the following instances:

- under the headings "Operations, projects and investments – Uranium – Tier-one operations – McArthur River mine/Key Lake mill", "Operations, projects and investments – Uranium – Tier-one operations – Cigar Lake", "Operations, projects and investments – Uranium – Tier-one operations – Inkai", and "Mineral reserves and resources" in Management's Discussion and Analysis for the year ended December 31, 2024 dated February 20, 2025 for the McArthur River mine/Key Lake mill, Cigar Lake and Inkai operations,

(collectively the "Technical Information") in the Form F-10, and to the inclusion and incorporation by reference of information derived from the Technical Information in the Form F-10.

I also hereby consent to the incorporation by reference of such Technical Information in the Registration Statements on Form S-8 (File Nos. 333-11736, 333-06180, 333-139165 and 333-281406) for the Cameco Corporation Stock Option Plan and the Registration Statement on Form S-8 (File No. 333-196422) for the Cameco Corporation Employee Share Ownership Plan.

Sincerely,

/s/ Alain D. Renaud

Name: Alain D. Renaud, P. Geo.

Title: Principal Resource Geologist, Technical Services,
Cameco Corporation

Date: February 21, 2025

CONSENT OF EXPERT

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Sincerely,

/s/ Biman Bharadwaj

Name: Biman Bharadwaj, P. Eng.

Title: Principal Metallurgist, Technical Services, Cameco Corporation

Date: February 21, 2025

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Sincerely,

/s/ Scott Bishop

Name: Scott Bishop, P. Eng.

Title: Director, Technical Assurance & Mineral
Reserves, Technical Services, Cameco
Corporation

Date: February 21, 2025

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Sincerely,

/s/ Kirk Lamont

Name: Kirk Lamont, P. Eng.

Title: General Manager, Cigar Lake, Cameco Corporation

Date: February 21, 2025

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Sincerely,

/s/ Gregory M. Murdock

Name: Gregory M. Murdock, P. Eng.

Title: General Manager, McArthur River, Cameco Corporation

Date: February 21, 2025

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- under the headings "Operations, projects and investments – Uranium – Tier-one operations – Inkai", and "Mineral reserves and resources" in Management's Discussion and Analysis for the year ended December 31, 2024 dated February 20, 2025 for the Inkai operation,

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Sincerely,

/s/ Sergey Ivanov

Name: Sergey Ivanov, P. Geo.

Title: Deputy Director General, Technical Services, Cameco Kazakhstan LLP

Date: February 21, 2025

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Sincerely,

/s/ Daley McIntyre

Name: Daley McIntyre, P. Eng.

Title: General Manager, Key Lake, Cameco Corporation

Date: February 21, 2025