UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 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: January, 2017

Commission File Number: <u>001-33562</u>

PLATINUM GROUP METALS LTD.

<u>Suite 788 – 550 Burrard Street, Vancouver BC, V6C 2B5, CANADA</u>

Address of Principal Executive Office

| Indicate by check mark whether the registrant files or will file annual reports under cover: | | | |
|--|-----------------------|--|--|
| Fo | orm 20-F [] | Form 40-F [X] | |
| Indicate by check mark if the registrant is submitting the Form 6- | -K in paper as permit | tted by Regulation S-T Rule 101(b)(1): [] | |
| Indicate by check mark if the registrant is submitting the Form 6- | -K in paper as permi | tted by Regulation S-T Rule 101(b)(7): [] | |

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.

PLATINUM GROUP METALS LTD.

/s/ R. Michael Jones

R. Michael Jones

President and Chief Executive Officer

Date: January 24, 2017

EXHIBIT INDEX

EXHIBIT 99.1 INCLUDED WITH THIS REPORT IS HEREBY INCORPORATED BY REFERENCE INTO THE REGISTRANT'S REGISTRATION STATEMENT ON FORM F-10 (FILE NO. 333-213985), AND TO BE A PART THEREOF FROM THE DATE ON WHICH THIS REPORT IS SUBMITTED, TO THE EXTENT NOT SUPERSEDED BY DOCUMENTS OR REPORTS SUBSEQUENTLY FILED OR FURNISHED.

| <u>Exhibit</u> | <u>Description</u> |
|----------------|---|
| <u>99.1</u> | Material Change Report dated January 24, 2017 |

FORM 51-102F3 MATERIAL CHANGE REPORT

ITEM 1. N AME AND A DDRESS OF C OMPANY

PLATINUM GROUP METALS LTD. (the "Company" or "Platinum Group") 788 – 550 Burrard Street Vancouver BC, V6C 2B5

Telephone: (604) 899-5450 Facsimile: (604) 484-4710

ITEM 2. D ATE OF M ATERIAL C HANGE

January 23, 2017

ITEM 3. NEWS RELEASE

A news release was disseminated on January 23, 2017 to the TSX as well as through various other approved public media and was SEDAR filed with the British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island and Newfoundland Securities Commissions.

ITEM 4. S UMMARY OF M ATERIAL C HANGE

(Vancouver, British Columbia) Platinum Group Metals Ltd. (PTM-TSX; PLG-NYSE MKT) ("Platinum Group" or the "Company") has announced today that it has entered into an agreement with a syndicate of underwriters led by BMO Capital Markets under which the underwriters have agreed to buy on a bought deal basis 17,125,000 common shares of the Company (the "Common Shares"), at a price of US\$1.46 per Common Share for gross proceeds of approximately US\$25 million (the "Offering"). The Company has granted the underwriters an option, exercisable at the offering price for a period of 30 days following the closing of the Offering, to purchase up to an additional 15% of the Offering to cover over-allotments, if any, and for market stabilization purposes. The Offering is expected to close on or about January 31, 2017 and is subject to customary closing conditions including, but not limited to, Toronto Stock Exchange and NYSE MKT approvals.

ITEM 5. F ULL D ESCRIPTION OF M ATERIAL C HANGE

(Vancouver/Johannesburg) Platinum Group Metals Ltd. (PTM-TSX; PLG-NYSE MKT) ("Platinum Group" or the "Company") has announced today that it has entered into an agreement with a syndicate of underwriters led by BMO Capital Markets under which the underwriters have agreed to buy on a bought deal basis 17,125,000 common shares of the Company (the "Common Shares"), at a price of US\$1.46 per Common Share for gross proceeds of approximately US\$25 million (the "Offering"). The Company has granted the underwriters an option, exercisable at the offering price for a period of 30 days following the closing of the Offering, to purchase up to an additional 15% of the Offering to cover over-allotments, if any, and for market stabilization purposes. The Offering is expected to close on or about January 31, 2017 and is subject to customary closing conditions including, but not limited to, Toronto Stock Exchange and NYSE MKT approvals.

The Company intends to use the net proceeds of the Offering (i) for underground development and production ramp-up of the Maseve Mine; (ii) for working capital during start-up; and (iii) for general corporate purposes.

The Offering is being made pursuant to an effective shelf registration statement previously filed with the U.S. Securities and Exchange Commission (the "SEC") and a corresponding Canadian base shelf prospectus filed with the securities regulatory authority in each of the provinces of Canada, except Quebec. A prospectus supplement relating to the Offering has been filed with the SEC and with the securities regulatory authority in each of the provinces of Canada, except Quebec.

A copy of the prospectus supplement and base shelf prospectus relating to the Offering in Canada may be obtained by contacting BMO Capital Markets, Brampton Distribution Centre C/O The Data Group of Companies, 9195 Torbram Road, Brampton, Ontario, L6S 6H2 or by telephone at (905) 791-3151 Ext 4312 or by email at torbramwarehouse@datagroup.ca. A copy of the prospectus supplement and base shelf prospectus relating to the Offering in the United States may be obtained by contacting BMO Capital Markets Corp., Attn: Equity Syndicate Department, 3 Times Square, 25th Floor, New York, NY 10036 (Attn: Equity Syndicate), or by telephone at (800) 414-3627 or by email at bmoprospectus@bmo.com.

This news release shall not constitute an offer to sell or the solicitation of an offer to buy, nor shall there be any sale of the Common Shares in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of that jurisdiction.

About Platinum Group Metals Ltd.

Platinum Group is based in Johannesburg, South Africa and Vancouver, Canada. The Company's business is currently focused on the operation of the Project 1 "Maseve" platinum mine and the exploration and feasibility engineering on the newly discovered Waterberg platinum and palladium deposit, where the Company is the operator of the Waterberg JV Project with JOGMEC and Mnombo.

For further information, please contact:

R. Michael Jones, President or Kris Begic, VP, Corporate Development Platinum Group Metals Ltd., Vancouver Tel: (604) 899-5450 / Toll Free: (866) 899-5450

The Toronto Stock Exchange and the NYSE MKT LLC have not reviewed and do not accept responsibility for the accuracy or adequacy of this news release, which has been prepared by management.

This press release contains forward-looking information within the meaning of Canadian securities laws and forward-looking statements within the meaning of U.S. securities laws (collectively "forward-looking statements"). Forward-looking statements are typically identified by words such as: believe, expect, anticipate, intend, estimate, plans, postulate and similar expressions, or are those, which, by their nature, refer to future events. All statements that are not statements of historical fact are forward-looking statements. Forward-looking statements in this press release include, without limitation, statements regarding the Offering, including the terms, potential completion and the use of proceeds of the Offering. Although the Company believes the forward-looking statements in this press release are reasonable, it can give no assurance that the expectations and assumptions in such statements will prove to be correct. The Company cautions investors that any forward-looking statements by the Company are not guarantees of future results or performance, and that actual results may differ materially from those in forward- looking statements as a result of various factors, including, but not limited to, that the Company may be unsuccessful in satisfying the conditions to closing of the Offering including, but not limited to, obtaining Toronto Stock Exchange and NYSE MKT approvals; that the Offering may not be completed on the terms and timeline indicated, or at all; that the Company's use of proceeds of the Offering may differ from those indicated; uncertainty of production, development plans and cost estimates for the Maseve Mine; additional financing requirements; the Company's ability to comply with the terms of its indebtedness; cash flow risks; risks of delays in the production ramp-up of Project 1; variations in market conditions; the nature, quality and quantity of any mineral deposits that may be located; metal prices; other prices and costs; currency exchange rates; the Company's ability to obtain any necessary permits, consents or authorizations required for its activities and to comply with applicable regulations; the Company's ability to produce minerals from its properties successfully or profitably, to continue its projected growth, or to be fully able to implement its business strategies; and other risk factors described in the Company's Form 40-F annual report, annual information form and other filings with the SEC and Canadian securities regulators, including the registration statement, base shelf prospectus and prospectus supplement relating to the Offering, which may be viewed at www.sec.gov and www.sedar.com, respectively. Any forward-looking statement speaks only as of the date on which it is made and, except as required by applicable securities laws, the Company disclaims any intent or obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise.

ITEM 6. D ATE OF R EPORT

January 24, 2017.