

NORTH AMERICAN PALLADIUM LTD  
Form 8-A12B  
December 10, 2007

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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 8-A**

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR (g) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

**NORTH AMERICAN PALLADIUM LTD.**

(Exact name of registrant as specified in its charter)

**Canada**

**Not Applicable**

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(State or other jurisdiction of  
incorporation or organization)

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(I.R.S. Employer  
Identification No.)

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**130 Adelaide Street West, Suite 2116,  
Toronto, Ontario, Canada**

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**M5H 3P5**

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(Address of principal executive offices)

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(Postal Code)

Securities to be registered pursuant to Section 12(b) of the Act:

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Title of each class  
to be registered

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Name of each exchange on which  
each class is to be registered

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**Common Share Purchase Warrants**

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**American Stock Exchange (AMEX)**

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), check the following box.

Securities Act registration statement file number to which this form relates (if applicable): 333-147126

Securities to be registered pursuant to Section 12(g) of the Act: None

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**INFORMATION REQUIRED IN REGISTRATION STATEMENT**

**Item 1. Description of Registrant's Securities to be Registered.**

The class of securities to be registered hereby is the common share purchase warrants (the "Warrants") of North American Palladium Ltd. (the "Registrant"). The description of the Warrants is incorporated by reference to the information appearing under "Description of the Warrants" in the Registrant's prospectus, which forms a part of the Registrant's Registration Statement on Form F-10 filed with the Commission on November 2, 2007 (File No. 333-147126) as amended and declared effective by the Commission on November 19, 2007, and under "Details of the Offering Warrants" in the prospectus supplement of the Registrant filed with the Commission pursuant to General Instruction II.L of Form F-10 on November 27, 2007.

**Item 2. Exhibits.**

99.1 Form of Warrant Indenture

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**SIGNATURE**

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

Date: December 10, 2007

**NORTH AMERICAN PALLADIUM LTD.**

By: /s/ TRENT C.A. MELL

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Name: Trent C.A. Mell

Title: VP, General Counsel and Corporate Secretary

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INFORMATION REQUIRED IN REGISTRATION STATEMENT

SIGNATURE