

Northgate Minerals CORP  
Form 6-K  
July 14, 2011

**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 July 2011  
Commission File Number: 001-06138  
Northgate Minerals Corporation  
(Translation of registrant's name into English)  
815 Hornby Street, Suite 406  
Vancouver, British Columbia  
Canada V6Z 2E6  
(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 if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether by furnishing the information contained in this Form, the registrant 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): 82-

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**EXHIBIT LIST**

| <b>Exhibit</b> | <b>Description</b>   |
|----------------|--|
| 99.1           | Press release dated July 13, 2011 (Northgate and Primero to Combine and Create A Leading Mid-Tier Gold Producer) |

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**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: July 13, 2011

**NORTHGATE MINERALS CORPORATION**

By: /s/ Jon Douglas

Name: Jon Douglas

Title: Chief Financial Officer