

FRONTEER DEVELOPMENT GROUP INC  
Form 6-K  
March 01, 2010

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**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 **March, 2010**

Commission File Number: **001-32557**

**FRONTEER DEVELOPMENT GROUP INC.**

(Translation of registrant's name into English)

**Suite 1650, 1055 West Hastings Street**  
**Vancouver, British Columbia Canada V6E 2E9**

(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 [ x ] 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 [ X ]

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

Exhibits

99.1 News release dated March 1, 2010: Initial Northumberland metallurgical testing reports gold recoveries up to 87% for sulfide samples

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**SIGNATURES**

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.

**Fronteer Development Group Inc.**  
(Registrant)

Date: March 1, 2010

By: */s/ Sean Tetzlaff*

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Sean Tetzlaff  
Title: Chief Financial Officer & Corporate Secretary

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