

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

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**FORM 8-K**

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**CURRENT REPORT**

**PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

**Date of report (Date of earliest event reported): March 16, 2011**

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**Cliffs Natural Resources Inc.**

**(Exact Name of Registrant as Specified in Charter)**

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**Ohio**  
**(State or Other Jurisdiction  
of Incorporation)**

**1-8944**  
**(Commission  
File Number)**

**34-1464672**  
**(IRS Employer  
Identification No.)**

**200 Public Square, Suite 3300,  
Cleveland, Ohio**  
**(Address of Principal Executive Offices)**

**44114-2315**  
**(Zip Code)**

**Registrant's telephone number, including area code: (216) 694-5700**

**(Former Name or Former Address, if Changed Since Last Report)**

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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**Item 8.01. Other Events.**

Cliffs Natural Resources Inc. is filing herewith the following exhibit to its Registration Statement on Form S-3 (File No. 333-165376):

Consent of KPMG LLP.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits.

<b>Exhibit Number</b>	<b>Description</b>
23.1	Consent of KPMG LLP.

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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 hereunto duly authorized.

**CLIFFS NATURAL RESOURCES INC.**

By: /s/ Gina K. Gunning  
Name: Gina K. Gunning  
Title: General Counsel, Corporate Affairs and Secretary

Date: March 17, 2011

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**Exhibit Index**

<b>Exhibit Number</b>	<b>Description</b>
23.1	Consent of KPMG LLP.



**KPMG LLP**  
**Chartered Accountants**  
600 de Maisonneuve Blvd. West  
Suite 1500  
Tour KPMG  
Montréal (Québec) H3A 0A3

Telephone (514) 840-2100  
Fax (514) 840-2187  
Internet www.kpmg.ca

#### **AUDITORS' CONSENT**

The Board of Directors  
Consolidated Thompson Iron Mines Limited

We consent to the use of our report dated March 9, 2011 to the Board of Directors of Consolidated Thompson Iron Mines Limited with respect to the consolidated balance sheets of the Consolidated Thompson Iron Mines Limited as at December 31, 2010 and 2009 and the related consolidated statements of operations and comprehensive income, cash flows and shareholders' equity for each of the years in the three-year period ended December 31, 2010, included in the U.S. prospectus supplement of Cliffs Natural Resources Inc. dated March 16, 2011 relating to the sale and issue of senior notes due 2021 and 2040, and to the reference to our firm under the heading "Experts" in the U.S. prospectus supplement.

/s/ KPMG LLP

Chartered Accountants

Montréal, Canada  
March 16, 2011

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