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

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported):

September 11, 2007

Cleveland-Cliffs Inc

(Exact name of registrant as specified in its charter)

Ohio

(State or other jurisdiction  
of incorporation)

1-8944

(Commission  
File Number)

34-1464672

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

1100 Superior Avenue, Cleveland, Ohio

(Address of principal executive offices)

44114-2589

(Zip Code)

Registrant's telephone number, including area code:

216-694-5700

Not Applicable

Former name or former address, if changed since last report

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.**

Cleveland-Cliffs Declares Dividend on Preferred Stock

CLEVELAND—Sept. 11, 2007—Cleveland-Cliffs Inc (NYSE: CLF) today announced that its Board of Directors has authorized a scheduled dividend payment on the Company's 3.25% Redeemable Cumulative Convertible Perpetual Preferred Stock. A cash payment of \$8.125 per share will be payable on October 15, 2007, to Preferred Stock shareholders of record on October 1, 2007.

To be added to Cleveland-Cliffs' e-mail distribution list, please click on the link below:  
<http://www.cpg-llc.com/clearsite/clf/emailoptin.html>

Cleveland-Cliffs Inc, headquartered in Cleveland, Ohio, is an international mining company, the largest producer of iron ore pellets in North America and a major supplier of metallurgical coal to the global steelmaking industry. The Company operates six iron ore mines in Michigan, Minnesota and Eastern Canada, and three coking coal mines in West Virginia and Alabama. Cliffs also owns 80 percent of Portman Limited, a large iron ore mining company in Australia, serving the Asian iron ore markets with direct-shipping fines and lump ore. In addition, the Company has a 30 percent interest in the Amapá Project, a Brazilian iron ore project, and a 45 percent economic interest in the Sonoma Project, an Australian coking and thermal coal project.

News releases and other information on the Company are available on the Internet at:  
<http://www.cleveland-cliffs.com>

SOURCE: Cleveland-Cliffs Inc

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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.

*September 12, 2007*

Cleveland-Cliffs Inc

By: *George W. Hawk, Jr.*

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*Name: George W. Hawk, Jr.*

*Title: General Counsel and Secretary*