

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

SCHEDULE 14A

(RULE 14a-101)

INFORMATION REQUIRED IN
PROXY STATEMENT

SCHEDULE 14A INFORMATION

Proxy Statement Pursuant to Section 14(a) of the Securities
Exchange Act of 1934 (Amendment No. _____)

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

Preliminary Proxy Statement

Confidential, For Use of the Commission Only (as permitted by Rule 14a-6(e)(2))

Definitive Proxy Statement

Definitive Additional Materials

Soliciting Material Pursuant to §240.14a-12

CLIFFS NATURAL RESOURCES INC.

(Name of Registrant as Specified in its Charter)

(Name of Person(s) Filing Proxy Statement, if Other Than the Registrant)

Payment of Filing Fee (Check the appropriate box):

No fee required.

Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies: _____

(2) Aggregate number of securities to which transaction applies: _____

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11
(set forth the amount on which the filing fee is calculated and state how it was determined): _____

(4) Proposed maximum aggregate value of transaction: _____

(5) Total fee paid: _____

Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid: _____

(2) Form, Schedule or Registration Statement No.: _____

(3) Filing Party: _____

(4) Date Filed: _____

***** Exercise Your *Right to Vote* *****
**Important Notice Regarding the Availability of Proxy Materials for the
Shareholder Meeting to Be Held on April 27, 2016**

CLIFFS NATURAL RESOURCES INC.



CLIFFS NATURAL RESOURCES INC.
ATTN: ENV. CHIEF LEGAL OFFICER & SECRETARY
200 PUBLIC SQUARE, SUITE 3300
CLEVELAND, OH 44114-2375

Meeting Information

Meeting Type: Annual Meeting
For holders as of: February 29, 2016
Date: April 27, 2016 **Time:** 11:30 AM EDT
Location: North Point
901 Lakeside Avenue
Cleveland, Ohio 44114

You are receiving this communication because you hold shares in the company named above.

This is not a ballot. You cannot use this notice to vote these shares. This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. You may view the proxy materials online at www.proxyvote.com or easily request a paper copy (see reverse side).

We encourage you to access and review all of the important information contained in the proxy materials before voting.

See the reverse side of this notice to obtain proxy materials and voting instructions.

EO3221-P73472-267448

— **Before You Vote** —
How to Access the Proxy Materials

Proxy Materials Available to VIEW or RECEIVE:

NOTICE AND PROXY STATEMENT ANNUAL REPORT

How to View Online:

Have the information that is printed in the box marked by the arrow → [XXXX XXXX XXXX XXXX] (located on the following page) and visit: www.proxyvote.com.

How to Request and Receive a PAPER or E-MAIL Copy:

If you want to receive a paper or e-mail copy of these documents, you must request one. There is NO charge for requesting a copy. Please choose one of the following methods to make your request:

- 1) BY INTERNET: www.proxyvote.com
- 2) BY TELEPHONE: 1-800-579-1639
- 3) BY E-MAIL*: sendmaterial@proxyvote.com

* If requesting materials by e-mail, please send a blank e-mail with the information that is printed in the box marked by the arrow → [XXXX XXXX XXXX XXXX] (located on the following page) in the subject line.

Requests, instructions and other inquiries sent to this e-mail address will NOT be forwarded to your investment advisor. Please make the request as instructed above on or before April 13, 2016 to facilitate timely delivery.

— **How To Vote** —
Please Choose One of the Following Voting Methods

Vote In Person: Many shareholder meetings have attendance requirements including, but not limited to, the possession of an attendance ticket issued by the entity holding the meeting. Please check the meeting materials for any special requirements for meeting attendance. At the meeting, you will need to request a ballot to vote these shares.

Vote By Internet: To vote now by Internet, go to www.proxyvote.com. Have the information that is printed in the box marked by the arrow → [XXXX XXXX XXXX XXXX] (located on the following page) available and follow the instructions.

Vote By Mail: You can vote by mail by requesting a paper copy of the materials, which will include a proxy card.

E03222-P73472-267448

Voting Items

The Board of Directors recommends you vote **FOR** the following proposals:

1. Election of Directors

Nominees:

1a. J.T. Baldwin

1b. R.P. Fisher, Jr.

1c. L. Goncalves

1d. S.M. Green

1e. J.A. Rutkowski, Jr.

1f. J.S. Sawyer

1g. M.D. Siegal

1h. G. Stollar

1i. D.C. Taylor

2. Approval of the Cliffs Natural Resources Inc. Amended and Restated 2014 Nonemployee Directors' Compensation Plan;

3. Approval, on an advisory basis, of our named executive officers' compensation;

The Board of Directors recommends you vote AGAINST the following proposal:

4. Shareholder proposal regarding majority voting in director elections;

The Board of Directors recommends you vote FOR the following proposal:

5. The ratification of the appointment of Deloitte & Touche LLP as the independent registered public accounting firm of Cliffs to serve for the 2016 fiscal year;

NOTE: Such other business as may properly come before the meeting or any adjournment thereof.

E03223-P73472-267448

E03224-P73472-267448





Join your fellow
shareholders
and vote today!



Questions & Answers

Why am I receiving this Notice of Internet Availability?

Why did I receive this Notice Regarding the Availability of Proxy materials (Notice)?

In 2007, the SEC adopted new Notice and Access Proxy rules. Companies are now permitted to send the enclosed **Notice** instead of a full printed set of proxy materials.

The Notice and Access increases shareholder value and lowers your company's printing and mailing costs. It also reduces environmental impact and allows for faster notification of how to access proxy materials.

How do I view the proxy materials online?

Go to www.proxyvote.com and follow the instructions to view the materials. It is necessary to provide the information printed in the box marked by the arrow → located on the **Notice**.

What if I still prefer to receive a paper copy of the proxy materials?

Yes, you can easily request a paper copy at no cost. Refer to the "Before You Vote" section of the **Notice** for further instructions.

Can I request to receive my proxy materials for future meetings by e-mailing rather than receive a Notice?

Yes, you may request to receive proxy materials for all future meetings by e-mail. To do so, go to www.proxyvote.com or www.investordelivery.com and follow the electronic delivery enrollment instructions.

How can I vote my shares?

Refer to the "How to Vote" section of the **Notice** for further instructions.

You MAY NOT use your Notice to vote your shares, it is NOT a form for voting. If you send the **Notice** back your vote will not count.

For more information please visit,
www.sec.gov/spol/igh/proxymatters/e-proxy.shtml

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