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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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (Section 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (Section 240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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This Current Report on Form 8-K/A (the "Amendment") is being filed as an amendment to the Current Report on Form 8-K filed by Cliffs Natural Resources Inc. (the "Company") on April 27, 2017 (the "Original Form 8-K"). The Original Form 8-K was filed with the U.S. Securities and Exchange Commission to report the results of the matters submitted to a vote of the shareholders at the Company's Annual Meeting of Shareholders, held on April 25, 2017 (the "Annual Meeting"). The sole purpose of this Amendment is to update disclosures made under Item 5.07, Submission of Matters to a Vote of Security Holders in the Original Form 8-K. Except as set forth herein, no other modifications have been made.

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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.

Date: August 14, 2017

By: /s/ James D. Graham

Name: James D. Graham

Title: Executive Vice President, Chief Legal Officer & Secretary