

**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**SCHEDULE 13G**

Under the Securities Exchange Act of 1934

Cleveland-Cliffs Inc  
(Name of Issuer)

Common Stock, \$0.25 par value  
(Title of Class of Securities)

185896107  
(CUSIP Number)

July 11, 2007  
(Date of Event Which Requires Filing of this Statement)

Check the following box to designate the rule pursuant to which the Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("18")  
or otherwise subject to the liabilities of that section of the Act.

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1. **Names of Reporting Persons**  
**I.R.S. Identification Nos. of above persons (entities only)**  
D. E. Shaw & Co., L.P.  
13-3695715

2. **Check the Appropriate Box if a Member of a Group (See Instructions)**  
(a)   
(b)

3. **SEC Use Only**

4. **Citizenship or Place of Organization**  
Delaware

<b>Number of Shares Beneficially Owned by Each Reporting Person With</b>	<b>5.</b>	<b>Sole Voting Power</b>
		-0-
	<b>6.</b>	<b>Shared Voting Power</b>
		2,077,284
	<b>7.</b>	<b>Sole Dispositive Power</b>
		-0-
	<b>8.</b>	<b>Shared Dispositive Power</b>
		2,077,284

9. **Aggregate Amount Beneficially Owned by Each Reporting Person**  
2,077,284

10. **Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)**

11. **Percent of Class Represented by Amount in Row (9)**  
5.1%

12. **Type of Reporting Person (See Instructions)**  
IA, PN

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**1. Names of Reporting Persons**

**I.R.S. Identification Nos. of above persons (entities only)**

David E. Shaw

**2. Check the Appropriate Box if a Member of a Group (See Instructions)**

(a)

(b)

**3. SEC Use Only**

**4. Citizenship or Place of Organization**

United States

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**Item 1.**

- (a) **Name of Issuer**  
Cleveland-Cliffs Inc
  
- (b) **Address of Issuer's Principal Executive Offices**  
1100 Superior Avenue  
Cleveland, OH 44114-2544

**Item 2.**

- (a) **Name of Person Filing**  
D. E. Shaw & Co., L.P.  
David E. Shaw
  
- (b) **Address of Principal Business Office or, if none, Residence**  
The business address for each reporting person is:  
120 W. 45<sup>th</sup> Street, Tower 45, 39<sup>th</sup> Floor  
New York, NY 10036
  
- (c) **Citizenship**  
D. E. Shaw & Co., L.P. is a limited partnership organized under the laws of the state of Delaware.  
David E. Shaw is a citizen of the United States of America.
  
- (d) **Title of Class of Securities**  
Common Stock, \$0.25 par value
  
- (e) **CUSIP Number**  
185896107

**Item 3. If this statement is filed pursuant to Rule 13d-1(b) or 13d-2(b) or (c), check whether the person filing is a:**

Not applicable

**Item 4. Ownership**

As of July 18, 2007:

(a) Amount beneficially owned:

D. E. Shaw & Co., L.P.:

~~2,077,290~~ 2,077,290 shares  
 This is composed of (i) 1,028,562 shares in the name of D. E. Shaw Oculus Portfolios, L.L.C., (ii) 36 shares in the name of D. E. Shaw Synoptic Portfolios 2, L.L.C., (iii) 656,686 shares in the name of D. E. Shaw Valence Portfolios, L.L.C., (iv) 389,100 shares that D. E. Shaw Valence Portfolios, L.L.C. has the right to acquire through the exercise of listed call options, and (v) 2,900 shares Shaw is owning

(b) Percent of class:

D. E. Shaw & Co., L.P.:	5.1%
David E. Shaw:	5.1%

(c) Number of shares to which the person has:

(i) Sole power to vote or to direct the vote:	
D. E. Shaw & Co., L.P.:	-0- shares
David E. Shaw:	-0- shares
(ii) Shared power to vote or to direct the vote:	
D. E. Shaw & Co., L.P.:	2,077,284 shares
David E. Shaw:	2,077,284 shares
(iii) Sole power to dispose or to direct the disposition of:	
D. E. Shaw & Co., L.P.:	-0- shares
David E. Shaw:	-0- shares
(iv) Shared power to dispose or to direct the disposition of:	
D. E. Shaw & Co., L.P.:	2,077,284 shares
David E. Shaw:	2,077,284 shares

David E. Shaw does not own any shares directly. By virtue of David E. Shaw's position as President and sole shareholder of D. E. Shaw & Co., Inc., which is the general partner of D. E. Shaw & Co., L.P., which in turn is the investment adviser of D. E. Shaw Oculus Portfolios, L.L.C. and D. E. Shaw Synoptic Portfolios 2, L.L.C., the managing member and investment adviser of D. E. Shaw Valence Portfolios, L.L.C., and the managing member of D. E. Shaw Investment Management, L.L.C., and by virtue of David E. Shaw's position as President and sole shareholder of D. E. Shaw & Co. II, Inc., which is the managing member of D. E. Shaw & Co., L.L.C., which in turn is the managing member of D. E. Shaw Oculus Portfolios, L.L.C. and D. E. Shaw Synoptic Portfolios 2, L.L.C., David E. Shaw may be deemed to have the shared power to vote or direct the vote of, and the shared power to dispose or direct the disposition of, the 2,077,284 shares as described above constituting 5.1% of the outstanding shares and, therefore, David E. Shaw may be deemed to be the beneficial owner of such shares. David E. Shaw disclaims beneficial ownership of such 2,077,284 shares.

**Item 5. Ownership of Five Percent or Less of a Class**

Not Applicable

**Item 6. Ownership of More than Five Percent on Behalf of Another Person.**

Not Applicable

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.**

Not Applicable

**Item 8. Identification and Classification of Members of the Group**

Not Applicable

**Item 9. Notice of Dissolution of Group**

Not Applicable

**Item 10. Certification**

By signing below, each of D. E. Shaw & Co., L.P. and David E. Shaw certify that, to the best of such reporting person's knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having such purposes or effect.

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**Exhibit 2**

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended, each of the undersigned Reporting Persons hereby agrees to the joint filing, along with all other such Reporting Persons, on behalf of each of them of a statement on Schedule 13G (including amendments thereto) with respect to the Common Stock, \$0.25 par value, of Cleveland-Cliffs Inc, and that this Agreement be included as an Exhibit to such joint filing. This Agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, each of the undersigned hereby executes th/iling

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