

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

SCHEDULE 13G

**Under the Securities Exchange Act of 1934
(Amendment)***

CLEVELAND CLIFFS INC

(Name of Issuer)

Common Stock

(Title of Class of Securities)

185896107

(CUSIP Number)

December 31, 2003

(Date of Event Which Requires Filing of this Statement)

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

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

*The remainder of this cover ^yo^yh

183,696 **see Note 1**

Number of
Shares
Beneficially
Owned by
Each
Reporting
Person With

6. Shared Voting Power

0

7. Sole Dispositive Power

183,696 **see Note 1**

8. Shared Dispositive Power

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

183,696 **see Note 1**

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

N/A

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

1.78%

12. Type of Reporting Person (See Instructions)

IA

Item 1.

(a) Name of Issuer

CLEVELAND CLIFFS INC

(b) Address of Issuer's Principal Executive Offices

1100 Superior Ave E, Cleveland, OH 44115

All securities reported in this schedule are owned by advisory clients of Dimensional Fund Advisors Inc., no one of which, to the knowledge of Dimensional Fund Advisors, Inc., owns more than 5% of the class. Dimensional Fund Advisors Inc. disclaims beneficial ownership of all such securities.

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

N/A

Item 8. Identification and Classification of Members of the Group

N/A

Item 9. Notice of Dissolution of Group

N/A

Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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 that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DIMENSIONAL FUND ADVISORS INC.

February 6, 2004

Date

/s/ Catherine L. Newell

Signature

Vice President and Secretary

Title