

CLIFFS NATURAL RESOURCES INC.

Reported by
MORLEY JOHN C

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 02/21/03 for the Period Ending 02/21/03

Address	200 PUBLIC SQUARE STE. 3300 CLEVELAND, OH 44114-2315
Telephone	216-694-5700
CIK	0000764065
Symbol	CLF
SIC Code	1000 - Metal Mining
Industry	Metal Mining
Sector	Basic Materials
Fiscal Year	12/31

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**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549**

FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

**Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935
or Section 30(h) of the Investment Company Act of 1940**

Check this box if no longer

subject to Section 16.
Form 4 or Form 5
obligations may continue.
See Instruction 1(b)

1. Name and Address of Reporting Person* <i>(Last, First, Middle)</i> Morley, John C. <hr/> 31095 Chagrin Blvd. Suite 210N <hr/> <p align="center"><i>(Street)</i></p> Pepper Pike, OH 44124 <hr/> <p><i>(City) (State) (Zip)</i></p>	2. Issuer Name and Ticker or Trading Symbol Cleveland-Cliffs (CLF) <hr/> 4. Statement for <i>(Month/Day/Year)</i> February 21, 2003 <hr/> 6. Relationship of Reporting Person(s) to Issuer <i>(Check All Applicable)</i> <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <i>(give title below)</i> <input type="checkbox"/> Other <i>(specify below)</i>	3. I.R.S. Identification Number of Reporting Person, if an entity <i>(Voluntary)</i> <hr/> 5. If Amendment, Date of Original <i>(Month/Day/Year)</i> <hr/> 7. Individual or Joint/Group Filing <i>(Check Applicable Line)</i> <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see instruction 4(b)(v).

Table I — Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security <i>(Instr. 3)</i>	2. Transaction Date <i>(Month/Day/Year)</i>	2a. Deemed Execution Date, if any. <i>(Month/Day/Year)</i>	3. Transaction Code <i>(Instr. 8)</i>	4. Securities Acquired (A) or Disposed of (D) <i>(Instr. 3, 4 and 5)</i>	5. Amount of Securities Beneficially Owned Following Reported Transactions(s) <i>(Instr. 3 and 4)</i>	6. Ownership Form: Direct (D) or Indirect (I) <i>(Instr. 4)</i>	7. Nature of Indirect Beneficial Ownership <i>(Instr. 4)</i>
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(A)

Code	V	Amount	or (D)	Price
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**Table II — Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g. , puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security <i>(Instr. 3)</i>	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date <i>(Month/Day/Year)</i>	3a. Deemed Execution Date, if any <i>(Month/Day/Year)</i>	4. Transaction Code <i>(Instr. 8)</i>		5. Number of Derivative Securities Acquired (A) or Disposed of (D) <i>(Instr. 3, 4 and 5)</i>	
				Code	V	(A)	(D)
Stock Units	1-for-1	2/21/03		A(1)		50,378	

Table II — Derivative Securities Acquired, Disposed of, or Beneficially Owned — Continued
(e.g. , puts, calls, warrants, options, convertible securities)

6. Date Exercisable and Expiration Date <i>(Month/Day/Year)</i>	7. Title and Amount of Underlying Securities <i>(Instr. 3 and 4)</i>	8. Price of Derivative Security <i>(Instr. 5)</i>	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) <i>(Instr. 4)</i>	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) <i>(Instr. 4)</i>	11. Nature of Indirect Beneficial Ownership <i>(Instr. 4)</i>	
Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
(1)	(1)	Common Shares	50,377.8	\$19.85	20,370.1577	(D)

Explanation of Responses:

(1) Reflects number of Common Shares underlying deferred compensation credited to the account of the Reporting Person in payment of 100% of the Reporting Person's Meeting Fees under the Cleveland-Cliffs Inc Nonemployee Directors Compensation Plan. Each Stock Unit is generally distributable following termination of service as a Director.

/s/ John E. Lenhard; Attorney-in-Fact for
 John C. Morley

February 21, 2003

**Signature of Reporting Person

Date

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned hereby constitutes and appoints John E. Lenhard, Franklin L. Hartman, Emery W. Smith, and R. Todd Johnson, and each of them, as the true and lawful attorney or attorneys-in-fact, with full power of substitution and revocation, for the undersigned and in the name, place and stead of the undersigned, in any and all capacities, to execute, on behalf of the undersigned, any and all statements or reports under Section 16 of the Securities Act of 1934, as amended, with respect to the beneficial ownership of shares of Common Stock, par value \$1.00 per share, of Cleveland-Cliffs Inc (the "Company"), including, without limitation, all initial statements of beneficial ownership on Form 3, all statements of changes of beneficial ownership on Form 4 and all annual statements of beneficial ownership on Form 5 and any and all other documents that may be required, from time to time, to be filed with the Securities and Exchange Commission, to execute any and all amendments or supplements to any such statements or forms, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting to said attorney or attorneys-in-fact, and each of them, full power and authority to do so and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as the undersigned might or could do in person, hereby ratifying and confirming all that said attorney or attorneys-in-fact or any of them or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of the 11th day of July, 1995.

/s/ John C. Morley

John C. Morley
Director