

CLIFFS NATURAL RESOURCES INC.

Reported by
TRETHERWEY JAMES A

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 03/17/03 for the Period Ending 03/13/03

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> Trethewey, James, A.	2. Issuer Name and Ticker or Trading Symbol Cleveland-Cliffs Inc (CLF)	3. I.R.S. Identification Number of Reporting Person, if an entity <i>(Voluntary)</i>
1100 Superior Avenue 15th Floor <i>(Street)</i>	03/13/2003	4. Statement for Month/Day/Year
Cleveland, OH 44114 <i>(City) (State) (Zip)</i>	5. If Amendment, Date of Original <i>(Month/Day/Year)</i>	6. Relationship of Reporting Person(s) to Issuer <i>(Check All Applicable)</i> <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <i>(give title below)</i> <input type="checkbox"/> Other <i>(specify below)</i> Senior V.P. Bus Dev
		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

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>				
			Code	V	Amount	(A) or (D)	Price				
Common Stock	03/13/2003		F(1)		457	(D)	\$20.05	16,334	(D)		
Common Stock								2,126	(2)	(I)	By VNQDC (2)

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)

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		

Explanation of Responses:

- (1) Surrender of shares in payment of tax liability incurred on March 13, 2003, the date of restricted stock vesting to the Reporting Person.
- (2) Held for the benefit of the Reporting Person by the Cleveland-Cliffs Inc Voluntary Non-Qualified Deferred Compensation Plan (VNQDC).

/s/ James A. Trethewey

3/17/2003

 **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.

