

FORM 4

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

OMB APPROVAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person* BRINZO JOHN S			2. Issuer Name and Ticker or Trading Symbol CLEVELAND CLIFFS INC [CLF]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Chairman & CEO		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/04/2005					
1100 SUPERIOR AVENUE, 15TH FLOOR								
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
CLEVELAND, OH 44114								
(City) (State) (Zip)			Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned					

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code	V	Amount	(A) or (D)				Price
Common Stock	03/04/2005		A	(1)	45,996	A	\$ 0	90,582	D	
Common Stock	03/04/2005		F	(2)	14,695	D	\$ 78.75	75,887 (3)	D	
Common Stock								71,732 (4)	I	By VNQDC
Common Stock								17,722 (5)	I	By Wife

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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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 (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)				6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Retention Units 2002-2004	(6)	03/04/2005		D				(8)	(8)	Common Shares	15,000 (7)	\$ 51.93	0	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BRINZO JOHN S 1100 SUPERIOR AVENUE 15TH FLOOR CLEVELAND, OH 44114	X		Chairman & CEO	

Signatures

John S. Brinzo	03/07/2005
<small>**Signature of Reporting Person</small>	<small>Date</small>

Explanation of Responses:

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

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

- (1) Reflects payout in Common Stock of Performance Shares earned under the Cleveland-Cliffs Inc 1992 Equity Plan (as Amended and Restated as of May 13, 1997) as amended, for the 2002-2004 Performance Period.
- (2) Surrender of Performance Shares represented in footnote (1) in payment of the related tax liability incurred by the reporting person.
- (3) On December 31, 2004, the common stock of Cleveland-Cliffs Inc split 2-for-1, resulting in the reporting person's acquisition of 22,293 additional shares of common stock.
Held for the benefit of the Reporting Person by the Cleveland-Cliffs Inc Voluntary Non-Qualified Deferred Compensation Plan (VNQDC). The amount reflects a 2-for-1 stock split on
- (4) December 31, 2004 resulting in the reporting person's acquisition of 35,841 shares. Balance shown also includes 15 shares (30 shares post-stock split) acquired December 1, 2004 and 20 shares March 1, 2005 pursuant to the dividend reinvestment feature of the VNQDC.
- (5) On December 31, 2004, the common stock of Cleveland-Cliffs Inc split 2-for-1, resulting in the reporting person's acquisition of 8,861 additional shares of common stock.
- (6) Convertible into Common Shares on a 1-for-1 basis.
- (7) On December 31, 2004, the common stock of Cleveland-Cliffs Inc split 2-for-1, resulting in the reporting person's acquisition of 7,500 additional Retention Units in the 2002-2004 Performance Period.
- (8) Retention Units granted to Reporting Person under the Cleveland-Cliffs Inc Long-Term Incentive Program covering the period of January 1, 2002 to December 31, 2004 (Retention Period) were paid-out to Reporting Person in cash based on the market value prices of the Common Shares of the Issuer on the last day of the Retention Period.

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

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