

# 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 * <b>BRINZO JOHN S</b>		2. Issuer Name and Ticker or Trading Symbol <b>CLEVELAND CLIFFS INC [CLF]</b>		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <b>09/15/2006</b>		
1100 SUPERIOR AVENUE, 15TH FLOOR			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
(Street) <b>CLEVELAND, OH 44114</b>					
(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	09/15/2006		S		1,000	D	\$ 35.6	153,846	D	
Common Stock	09/15/2006		S		1,000	D	\$ 35.91	152,846	D	
Common Stock	09/15/2006		S		400	D	\$ 36.11	152,446	D	
Common Stock	09/15/2006		S		600	D	\$ 35.87	151,846	D	
Common Stock	09/15/2006		S		1,000	D	\$ 35.891	150,846	D	
Common Stock	09/15/2006		S		1,000	D	\$ 35.885	149,846	D	
Common Stock	09/15/2006		S		1,000	D	\$ 35.77	148,846	D	
Common Stock	09/15/2006		S		1,000	D	\$ 36.252	147,846	D	
Common Stock	09/15/2006		S		1,000	D	\$ 36.176	146,846	D	
Common Stock	09/15/2006		S		1,000	D	\$ 36	145,846	D	
Common Stock	09/15/2006		S		1,000	D	\$ 35.884	144,846	D	
Common Stock	09/18/2006		S		1,000	D	\$ 37.81	143,846	D	
Common Stock	09/18/2006		S		1,000	D	\$ 37.68	142,846	D	
Common Stock	09/18/2006		S		1,000	D	\$ 38.08	141,846	D	
Common Stock	09/18/2006		S		1,000	D	\$ 37.92	140,846	D	
Common Stock	09/18/2006		S		1,000	D	\$ 38.852	139,846	D	
Common Stock	09/18/2006		S		1,000	D	\$ 38.702	138,846	D	
Common Stock	09/18/2006		S		1,000	D	\$ 38.25	137,846	D	
Common Stock	09/18/2006		S		1,000	D	\$ 37.9	136,846	D	
Common Stock	09/18/2006		S		1,000	D	\$ 38.05	135,846	D	
Common Stock	09/18/2006		S		1,000	D	\$ 37.75	134,846	D	
Common Stock	09/18/2006		S <sup>(1)</sup>		5,000	D	\$ 38.2848	129,846	D	
Common Stock								44,136	I	By VNQDC <sup>(2)</sup>

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

**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)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		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					

## Reporting Owners

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

## Signatures

George W. Hawk, Jr. by Power of Attorney		09/19/2006
<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) Common shares sold pursuant to a 10b(5)-1 trading plan entered into August 25, 2005 and amended June 9, 2006.
- (2) Held for the benefit of the Reporting Person by the Cleveland-Cliffs Inc Voluntary Non-Qualified Deferred Compensation Plan (VNQDC).

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

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.