

FORM 4

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

OMB APPROVAL

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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

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

(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) 09/16/2004			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		
1100 SUPERIOR AVENUE, 15TH FLOOR			4. If Amendment, Date Original Filed (Month/Day/Year)					
(Street)								
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	09/16/2004		M		26,667	A	\$ 64.9688	48,960	D	
Common Stock	09/16/2004		S		2,500	D	\$ 74.83	46,460	D	
Common Stock	09/16/2004		S		200	D	\$ 74.84	46,260	D	
Common Stock	09/16/2004		S		600	D	\$ 74.85	45,660	D	
Common Stock	09/16/2004		S		500	D	\$ 74.86	45,160	D	
Common Stock	09/16/2004		S		500	D	\$ 74.87	44,660	D	
Common Stock	09/16/2004		S		500	D	\$ 74.88	44,160	D	
Common Stock	09/16/2004		S		3,000	D	\$ 74.9	41,160	D	
Common Stock	09/16/2004		S		200	D	\$ 74.91	40,960	D	
Common Stock	09/16/2004		S		200	D	\$ 74.92	40,760	D	
Common Stock	09/16/2004		S		2,600	D	\$ 75	38,160	D	
Common Stock	09/16/2004		S		400	D	\$ 75.04	37,760	D	
Common Stock	09/16/2004		S		800	D	\$ 75.05	36,960	D	
Common Stock	09/16/2004		S		100	D	\$ 75.1	36,860	D	
Common Stock	09/16/2004		S		500	D	\$ 75.18	36,360	D	
Common Stock	09/16/2004		S		3,600	D	\$ 75.2	32,760	D	
Common Stock	09/16/2004		S		3,600	D	\$ 75.21	29,160	D	
Common Stock	09/16/2004		S		1,100	D	\$ 75.22	28,060	D	
Common Stock	09/16/2004		S		100	D	\$ 75.26	27,960	D	
Common Stock	09/16/2004		S		200	D	\$ 75.27	27,760	D	
Common Stock	09/16/2004		S		700	D	\$ 75.3	27,060	D	
Common Stock	09/16/2004		S		900	D	\$ 75.4	26,160	D	
Common Stock	09/16/2004		S		3,100	D	\$ 75.5	23,060	D	
Common Stock	09/16/2004		S		300	D	\$ 75.53	22,760	D	
Common Stock	09/16/2004		S		200	D	\$ 75.55	22,560	D	
Common Stock	09/16/2004		S		100	D	\$ 75.61	22,460	D	
Common Stock	09/16/2004		S		167	D	\$ 75.64	22,293	D	
Common Stock								35,841	I	By VNQDC (U)
Common Stock								8,861	I	By Wife

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number. SEC 1474 (9-02)

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	Title	Amount or Number of Shares						
Options (right-to-buy)	\$ 64.9688	09/16/2004		M			26,667	01/12/2003	01/12/2009	Common Shares	26,667	\$ 0	26,667	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	09/17/2004
<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) 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.

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