

CLIFFS NATURAL RESOURCES INC.

Reported by
BRINZO JOHN S

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 08/03/05 for the Period Ending 08/01/05

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

FORM 4

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

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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,
Section 17(a) of the Public
Utility Holding Company Act of 1935 or Section 30(f) of the
Investment Company Act of 1940

1. Name and Address of Reporting Person * BRINZO JOHN S <small>(Last) (First) (Middle)</small> 1100 SUPERIOR AVENUE, 15TH FLOOR <small>(Street)</small> CLEVELAND, OH 44114 <small>(City) (State) (Zip)</small>	2. Issuer Name and Ticker or Trading Symbol CLEVELAND CLIFFS INC [CLF] 3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">8/1/2005</p>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director _____ 10% Owner <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) Chairman & CEO
4. If Amendment, Date Original Filed (MM/DD/YYYY)		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

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

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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	8/1/2005		M		15000	A	\$37.8984	114007	D	
Common Stock	8/1/2005		S		4300	D	\$74.40	109707	D	
Common Stock	8/1/2005		S		500	D	\$74.41	109207	D	
Common Stock	8/1/2005		S		400	D	\$74.43	108807	D	
Common Stock	8/1/2005		S		400	D	\$74.45	108407	D	
Common Stock	8/1/2005		S		300	D	\$74.48	108107	D	
Common Stock	8/1/2005		S		1700	D	\$74.49	106407	D	
Common Stock	8/1/2005		S		800	D	\$74.25	105607	D	
Common Stock	8/1/2005		S		600	D	\$74.51	105007	D	
Common Stock	8/1/2005		S		1700	D	\$74.52	103307	D	
Common Stock	8/1/2005		S		300	D	\$74.61	103007	D	
Common Stock	8/1/2005		S		100	D	\$74.68	102907	D	
Common Stock	8/1/2005		S		500	D	\$74.69	102407	D	
Common Stock	8/1/2005		S		3300	D	\$74.70	99107	D	
Common Stock	8/1/2005		S		100	D	\$74.73	99007	D	
Common Stock	8/2/2005		M		9000	A	\$37.8984	108007	D	
Common Stock	8/2/2005		S		1800	D	\$76.00	106207	D	

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1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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	8/2/2005		S		300	D	\$76.01	105907	D	
Common Stock	8/2/2005		S		100	D	\$76.05	105807	D	
Common Stock	8/2/2005		S		1400	D	\$76.06	104407	D	
Common Stock	8/2/2005		S		100	D	\$76.07	104307	D	
Common Stock	8/2/2005		S		800	D	\$76.09	103507	D	
Common Stock	8/2/2005		S		500	D	\$76.14	103007	D	
Common Stock	8/2/2005		S		2800	D	\$77.46	100207	D	
Common Stock	8/2/2005		S		1100	D	\$77.52	99107	D	
Common Stock	8/2/2005		S		100	D	\$77.64	99007	D	
Common Stock								71759 ⁽¹⁾	I	By VNQDC ⁽²⁾
Common Stock								17722	I	By Wife

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (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				
Options (right-to-buy)	\$37.8984 ⁽³⁾	8/1/2005		M		15000	1/12/2003	1/12/2009	Common Shares	15000	\$0.00	18334	D	
Options (right-to-buy)	\$37.8984 ⁽³⁾	8/2/2005		M		9000	1/12/2003	1/12/2009	Common Shares	9000	\$0.00	9334	D	

Explanation of Responses:

- (1) Balance shown reflects 27 shares acquired June 1, 2005 pursuant to the dividend reinvestment feature of the Voluntary Non-Qualified Deferred Compensation Plan ("VNQDC") to shareholders of record as of May 20, 2005.
- (2) Held for the benefit of the Reporting Person by the Cleveland-Cliffs Inc VNQDC.
- (3) Original conversion price of this stock option was 75.79688. A 2-for-1 stock split occurred on December 31, 2004. The current conversion price of 37.8984 reflects the effect of the stock split.

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

8/3/2005

Date

** Signature of 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).

** 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.

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