

# CLIFFS NATURAL RESOURCES INC.

Reported by  
**RIEDERER RICHARD K**

## FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 07/05/07 for the Period Ending 07/02/07

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

# CLEVELAND CLIFFS INC

## FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 7/5/2007 For Period Ending 7/2/2007

Address	1100 SUPERIOR AVE 18TH FLR CLEVELAND, Ohio 44114
Telephone	216-694-5700
CIK	0000764065
Industry	Metal Mining
Sector	Basic Materials
Fiscal Year	12/31

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# FORM 4

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

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

OMB APPROVAL  
OMB Number: 3235-0287  
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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,  
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 *			2. Issuer Name and Ticker or Trading Symbol			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
<b>RIEDERER RICHARD K</b>			<b>CLEVELAND CLIFFS INC [ CLF ]</b>			<input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (MM/DD/YYYY)			<input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		
<b>S25 W35020 MANOR HOUSE RD.</b>			<b>7/2/2007</b>					
(Street)			4. If Amendment, Date Original Filed (MM/DD/YYYY)			6. Individual or Joint/Group Filing (Check Applicable Line)		
<b>OCONOMOWAC, WI 53066</b>						<input checked="" type="checkbox"/> Form filed by One Reporting Person		
(City) (State) (Zip)						<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			

**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				
Stock Units	(1)	7/2/2007		A	V	48.2812	(2)	(2)	Common Shares	48.2812	\$77.67	4715.3474 (3)	D	

**Explanation of Responses:**

- (1) Convertible into Common Shares on a 1-for-1 basis.
- (2) Reflects number of Common Shares underlying deferred compensation credited to the account of the Reporting Person in payment of the Reporting Person's Required Retainer under the Cleveland-Cliffs Inc Nonemployee Directors Compensation Plan. Each Stock Unit is generally distributable following termination of service as a Director.
- (3) On May 8, 2007, the Company declared a dividend of \$.125 per share, payable to all holders of record as of May 18, 2007 of common stock payable on June 1, 2007. The amount shown reflects 7.2805 shares credited to the Reporting Person June 29, 2007 pursuant to a dividend reinvestment election for deferred shares under the Plan.

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
<b>RIEDERER RICHARD K S25 W35020 MANOR HOUSE RD. OCONOMOWAC, WI 53066</b>	<b>X</b>			

**Signatures**

**George W. Hawk, Jr. by Power of Attorney**

**7/5/2007**

\*\* Signature of Reporting Person

Date

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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