

# CLIFFS NATURAL RESOURCES INC.

Reported by  
**HAWK GEORGE W JR**

## FORM 5

(Annual Statement of Changes in Beneficial Ownership)

Filed 01/11/10 for the Period Ending 12/31/09

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 5

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

OMB APPROVAL  
OMB Number: 3235-0362  
Expires: February 28, 2011  
Estimated average burden  
hours per response... 1.0

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
 Form 3 Holdings Reported  
 Form 4 Transactions Reported

## ANNUAL 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>Hawk George W Jr</b>			<b>CLIFFS NATURAL RESOURCES INC. [CLF]</b>			<input type="checkbox"/> Director <span style="float:right"><input type="checkbox"/> 10% Owner</span> <input checked="" type="checkbox"/> <b>X</b> Officer (give title below) <span style="float:right"><input type="checkbox"/> Other (specify below)</span> <b>General Counsel &amp; Secretary</b>		
(Last)	(First)	(Middle)	3. Statement for Issuer's Fiscal Year Ended (MM/DD/YYYY)					
			<b>12/31/2009</b>					
200 PUBLIC SQUARE, SUITE 3300			4. If Amendment, Date Original Filed (MM/DD/YYYY)			6. Individual or Joint/Group Filing (Check Applicable Line)		
(Street)						<input checked="" type="checkbox"/> <b>X</b> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person		
CLEVELAND, OH 44114-2315								
(City)	(State)	(Zip)						

### 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)
				Amount	(A) or (D)	Price			
Common Stock							20301 <sup>(1)</sup>	D	

### Table II - Derivative Securities Acquired, Disposed of, or 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 (MM/DD/YYYY)		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 at End of Issuer's Fiscal Year (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

#### Explanation of Responses:

(1) The Board of Directors ("Board") of Cliffs Natural Resources Inc. (the "Company") declared a dividend of \$.0875 per share payable to shareholders of record on March 1, 2009 and December 1, 2009. The amount shown reflects 47 and 26 shares credited to the Reporting Person pursuant to the Company's Dividend Reinvestment and Stock Purchase Plan ("DRSP Plan") on the respective dates. The Board declared a dividend of \$.04 per share payable to shareholders of record on June 1, 2009 and September 1, 2009. The balance shown also reflects 19 and 21 shares credited to the Reporting Person pursuant to the Company's DRSP Plan on June 1, 2009 and September 1, 2009.

#### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
<b>Hawk George W Jr 200 PUBLIC SQUARE SUITE 3300</b>			<b>General Counsel &amp; Secretary</b>	

**Signatures**

**Traci L. Forrester by Power of Attorney**

**1/11/2010**

\*\* 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.

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.