

CLIFFS NATURAL RESOURCES INC.

Reported by
BLAKE DAVID B

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 08/20/13 for the Period Ending 08/16/13

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

[] 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
 Estimated average burden hours per response... 0.5

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

1. Name and Address of Reporting Person * BLAKE DAVID B <small>(Last) (First) (Middle)</small> 200 PUBLIC SQUARE, SUITE 3300 <small>(Street)</small> CLEVELAND, OH 44114-2315 <small>(City) (State) (Zip)</small>	2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF] 3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">8/16/2013</p>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> X Officer (give title below) <input type="checkbox"/> Other (specify below) SVP, NAIO Operations 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> X 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 Shares	8/16/2013		S		3000.0000	D	\$23.0250 (1)	28375.0000	D	
Common Shares								782.9900 (2)	I	VNQDC (3)

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				

Explanation of Responses:

- (1) The price reported in column four is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$23.01 to \$23.04, inclusive. The Reporting Person undertakes to provide the Issuer, any security holder of the Issuer or the Staff of the Securities and Exchange Commission, upon request, with full information regarding the number of shares sold at each separate price with this range.
- (2) Balance shown reflects 7.003 shares acquired June 3, 2013 pursuant to the dividend reinvestment feature of the Issuer's 2005 Voluntary Non-Qualified Deferred Compensation Plan ("VNQDC").
- (3) Held for the benefit of the Reporting Person by the VNQDC.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BLAKE DAVID B 200 PUBLIC SQUARE SUITE 3300 CLEVELAND, OH 44114-2315			SVP, NAIO Operations	

Signatures

/s/ Carolyn Cheverine by Power of Attorney

8/20/2013

** 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.