

BLAKE DAVID B  
Form 3  
March 09, 2010

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â BLAKE DAVID B		(Month/Day/Year)	CLIFFS NATURAL RESOURCES INC. [CLF]	
(Last)	(First)	(Middle)	03/09/2010	
1100 SUPERIOR AVENUE,Â SUITE 1500			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
CLEVELAND,Â OHÂ 44114			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)	<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			(give title below) (specify below)	<input type="checkbox"/> Form filed by More than One Reporting Person
			SVP, Oper. N. Amer. Iron Ore	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	9,124 <sup>(1)</sup>	D	Â
Common Stock	382 <sup>(2)</sup>	I	VNQDC <sup>(3)</sup>

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

SEC 1473 (7-02)

**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.**

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BLAKE DAVID B 1100 SUPERIOR AVENUE SUITE 1500 CLEVELAND, OH 44114	Â	Â	Â SVP, Oper. N. Amer. Iron Ore	Â

## Signatures

Traci L. Forrester by Power of Attorney  
03/09/2010

\_\_Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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) The total represents shares earned as Performance Shares (3,759 shares) and Restricted Stock Units (5,365 Units) granted and/or awarded to the the Reporting Person from the Cleveland-Cliffs Inc 1992 Incentive Equity Plan or the 2007 Incentive Equity Plan (as Amended and Restated December 31, 2008).
  - (2) The amount represents an exchange of all or a portion of the Reporting Person's cash bonus for Cliffs Natural Resources Inc. (Company) Common Shares on a deferred basis (Bonus Exchange and Match Shares) under the Company's 2005 Voluntary Nonqualified Deferred Compensation Plan (VNQDC).
  - (3) Held for the benefit of the Reporting Person by the Company's VNQDC.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.