

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

OMB APPROVAL
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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 or Section 30(h) of the Investment Company Act of 1940

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

(Print or Type Responses)

1. Name and Address of Reporting Person Eldridge Barry J		2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	
(Last) (First) (Middle) 200 PUBLIC SQUARE, STE. 3300		3. Date of Earliest Transaction (Month/Day/Year) 07/02/2012			
(Street) CLEVELAND, OH 44114		4. If Amendment, Date Original Filed(Month/Day/Year)		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	
(City) (State) (Zip)					

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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	06/01/2012		A	(1)	121.7285	A	\$ 49.29	17,737.0504 (2)	D	

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

SEC 1474 (9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Acquisition or Exercise Date (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Derivative Acquired or Disposed of (Instr. 3, 4 and 5)	6. Amount of Derivative Securities Acquired or Disposed of (Instr. 3, 4 and 5)	7. Price (Instr. 3, 4 and 5)	8. Derivative Acquired or Disposed of (Instr. 3, 4 and 5)	9. Derivative Acquired or Disposed of (Instr. 3, 4 and 5)	10. Derivative Acquired or Disposed of (Instr. 3, 4 and 5)	11. Derivative Acquired or Disposed of (Instr. 3, 4 and 5)	12. Derivative Acquired or Disposed of (Instr. 3, 4 and 5)
Derivative (D)											

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* 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).

Reflects number of Common Shares credited to the account of the Reporting Person in payment of the Reporting Person's required quarterly retainer for the third quarter (1) under the Cliffs Natural Resources Inc. Nonemployee Directors' Compensation Plan (the "Plan"). Full shares earned pursuant to the Plan in 2012 will be issued effective January 1, 2013.

(2) The Board of Directors of Cliffs Natural Resources Inc. declared dividends of \$0.625 per share, payable to all holders of record as of April 27, 2012. The amount shown reflects 105.4211 shares credited on June 1, 2012 to the . r fe