

Mehan Richard R.
Form 3
March 30, 2009

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 and Ticker or Trading Symbol	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
Â Mehan Richard R. (Last) (First) (Middle)	03/10/2009 (Month/Day/Year)	CLIFFS NATURAL RESOURCES INC. [CLF]		

LEVEL 12, THE QUADRANT,Â 1 WILLIAM STREET

(Street)

PERTH,Â C3Â 6000

(City) (State) (Zip)

(Check all applicable)

Director 10% Owner
 Officer Other
(give title below) (specify below)
SVP, Pres. & CEO Cliffs Asia-P

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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	18,604 ⁽¹⁾	D	Â

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 Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Retention Units 2007-2009	Â (2)	Â (2)	Common Shares	600	\$ (3)	D	Â
Retention Units 2008-2010	Â (4)	Â (4)	Common Shares	800	\$ (3)	D	Â
Retention Units 2009-2011	Â (5)	Â (5)	Common Shares	1,225	\$ (3)	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mehan Richard R. LEVEL 12, THE QUADRANT 1 WILLIAM STREET PERTH,Â C3Â 6000	Â	Â	Â SVP, Pres. & CEO Cliffs Asia-P	Â

Signatures

George W. Hawk, Jr. by Power of Attorney 03/30/2009

__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 number of securities held by the reporting person consists of 18,604 common shares previously acquired through the Cleveland-Cliffs Inc 1992 Incentive Equity Plan (as Amended and Restated May 13, 1997).
Retention Units granted to Reporting Person under the Cleveland-Cliffs Inc 2007 Incentive Equity Plan ("2007 Plan") covering the period of January 1, 2007 to December 31, 2009 (Retention Period). Retention units are paid out to the Reporting Person in cash based on the market value price of the Common Shares of the Issuer on the last day of the Retention Period.
 - (2) Retention Units granted to Reporting Person under the Cleveland-Cliffs Inc 2007 Incentive Equity Plan ("2007 Plan") covering the period of January 1, 2007 to December 31, 2009 (Retention Period). Retention units are paid out to the Reporting Person in cash based on the market value price of the Common Shares of the Issuer on the last day of the Retention Period.
 - (3) Convertible into Common Shares on a 1-for-1 basis.
Retention Units granted to Reporting Person under the 2007 Plan covering the period of January 1, 2008 to December 31, 2010 (Retention Period). Retention units are paid out to the Reporting Person in cash based on the market value price of the Common Shares of the Issuer on the last day of the Retention Period.
 - (4) Retention Units granted to Reporting Person under the 2007 Plan covering the period of January 1, 2008 to December 31, 2010 (Retention Period). Retention units are paid out to the Reporting Person in cash based on the market value price of the Common Shares of the Issuer on the last day of the Retention Period.
 - (5) Retention Units granted to Reporting Person under the 2007 Plan covering the period of January 1, 2009 to December 31, 2011 (Retention Period). Retention units are paid out to the Reporting Person in cash based on the market value price of the Common Shares of the Issuer on the last day of the Retention Period.

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.