

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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response...	0.5

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

**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

(Print or Type Responses)

1. Name and Address of Reporting Person * GREEN SUSAN MIRANDA 1 / D n <small>(Last) (First) (Middle)</small>			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)		
5917 RYLAND DRIVE <small>(Street)</small>			3. Date of Earliest Transaction (Month/Day/Year) 05/07/2013			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		
BETHESDA, MD 20817 <small>(City) (State) (Zip)</small>			4. If Amendment, Date Original Filed (Month/Day/Year) <b>05/07/2013</b>					

**Table I - Non-Derivative Securities Acquired**

Date of Acquisition	Transaction	Type of Transaction	Number of Shares	Value	Acquired	Disposed	Total	Ownership	Reporting Person

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Date of Acquisition	Transaction	Type of Transaction	Number of Shares	Value	Acquired	Disposed	Total	Ownership	Reporting Person


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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).

(1) Reflects the number of restricted shares granted to the Reporting Person as the Annual Equity Grant on May 7, 2013, the date of the Annual Meeting of Shareholders, pursuant to the Nonemployee Directors' Compensation Plan.

Note: File three copies of this Form, one of which must be manually signed.