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

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

longer subject to Section 16. Form 4 or Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

	e Responses)														
1. Name and Address of Reporting Person * Smith Clifford T				2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner				
(Last) (First) (Middle) 200 PUBLIC SQUARE, SUITE 3300			3. Date of Earliest Transaction (Month/Day/Year) 01/12/2015						X Officer (give title below) Other (specify below) EVP, Seaborne Iron Ore						
(Street)				4. If Amendment, Date Original Filed(Month/Day/Year)						6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person _ Form filed by More than One Reporting Person					
CLEVELAND, OH 44114-2315 (City) (State) (Zip)				Table I - Non-Derivative Securities Acqu										s Acquir	
1.Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Yea	Execution Date,		3. Tra Code (Instr	ansaction e. r. 8)	4. Securities Acqui (A) or Disposed of (Instr. 3, 4 and 5)		ired 5 C	5. Amount of Securities Benefic Owned Following Reported Transaction(s) (Instr. 3 and 4)		ficially 6. O Fo D or (I	Ownership Form: Direct (D) or Indirect I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common S	Shares		01/12/2015				ode V	Amount 27,430 (1)	(D) A	Price \$ 0 8	31,852			Instr. 4)	
											espond unles	s tne form	displays a		
			Table II	- Deriva	ive Securiti	ies Ac	currer quired, Disp	tly valid O							
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	1111	3A. Deemed Execution Date, if	4. Transacti Code	5. Numbor of Deriv Securities Acquired or Disport of (D) (Instr. 3,	per ative es d (A) osed		oosed of, or sonvertible socisable and	Benefi ecurit	icially Ov ies) 7. Title ar	wned nd Amount of ng Securities		9. Number o Derivative Securities Beneficially Owned Following Reported	Owners Form of Derivati Security Direct (or Indire	Ownership (Instr. 4)
Derivative Security	Conversion or Exercise Price of Derivative	Date	3A. Deemed Execution Date, if any	4. Transacti Code	5. Numb on of Deriv Securitie Acquired or Dispo of (D)	nerrant per pative es d (A) psed , 4,	quired, Dispose, on the Exeron I	oosed of, or sonvertible socisable and	Benefi	icially Ovies) 7. Title ar Underlyir	wned nd Amount of ng Securities	Derivative Security	Derivative Securities Beneficially Owned Following	Owners Form of Derivati Security Direct (or Indire	nip of Indirect Beneficial Ownership (Instr. 4)

Reporting Owners

	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
Smith Clifford T 200 PUBLIC SQUARE SUITE 3300 CLEVELAND, OH 44114-2315			EVP, Seaborne Iron Ore			

Signatures

,	/s/ James D. Graham by Power of Attorney	01/14/2015
	**Signature of Reporting Person	Date

Explanation of Responses:

- 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 share units granted to the Reporting Person on January 12, 2015 from the Cliffs Natural Resources Inc. Amended and Restated 2012 Incentive Equity Plan. This great vests in three equal annual installments beginning as Property 21, 2015 grant vests in three equal annual installments beginning on December 31, 2015.

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.