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

OMB APPRO	OVAL
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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

(Print or Type	e Responses)																
1. Name and Address of Reporting Person * Fedor Terry G.				2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF]							[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, United States Iron Ore				
(Street) CLEVELAND, OH 44114-2315				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				
(City)		(State)	(Zip)				Tab	le I - No	n-Der	ivative Sec	curitie	es Acquire	d, Disposed of	, or Benefic	ially Owned		
1.Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Yea	2A. Deemed Execution Date, i any (Month/Day/Year		Date, if	(Instr. 8)		(.	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		of (D) O	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		C F I	Ownership orm: Oirect (D)	7. Nature of Indirect Beneficial Ownership	
							C	Code	v	Amount	(A) or (D)	Price	Price		(or Indirect (Instr. 4) (Instr. 4)	
Common	Shares		01/12/2015					A		7,430	A	\$ 0 5	7,811		I)	
			Table I					cu cquired,	urrent Dispo	y valid O	MB c	ontrol nu		s the form	displays a		
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	Conversion Date Execution or Exercise (Month/Day/Year) Price of Derivative (Month/Day/Year)		4. 5. Num Transaction of Deri Code Securit			Expiration Date (Month/Day/Year) (In posed 3, 4,			7. Title and Underlying	Title and Amount of nderlying Securities nstr. 3 and 4)		9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s	Form of Derivative Security: Direct (D) or Indirect	(Instr. 4)		
				Code	v	(A)	(D)	Date Exercis	sable	Expiratio Date	on ,	Title	Amount or Number of Shares		(Instr. 4)	(Instr. 4)	

Reporting Owners

	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
Fedor Terry G. 200 PUBLIC SQUARE SUITE 3300 CLEVELAND, OH 44114-2315			EVP, United States 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.