FORM 4	4
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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 Pespo

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

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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

(Print or Type Responses)		1										
1. Name and Address of Reporting Per Boor William C	2. Issuer Name an CLIFFS NATU [CLF]			<i>c</i> .		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director						
200 PUBLIC SQUARE, SUIT	3. Date of Earliest 08/06/2014	Transactio	n (Me	onth/Day/	Year)	EVP Corp Dev & Chi						
(Street) CLEVELAND, OH 44114-231	4. If Amendment,	Date Origin	nal Fi	led(Month/	Day/Yea	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)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			Beneficially Owned Following Reported Transaction(s)	Ownership Form:	Beneficial		
		(Month/Day/Year)	Code	V	Amount	(A) or (D)	Price	(Instr. 3 and 4)	· · ·	0) Ownership ct (Instr. 4)		
Common Shares	08/06/2014		А		19,320 (1)	А	\$ 17.15	93,372.7724	D			
Common Shares	08/06/2014		D		6,430 (<u>2</u>)	D	\$ 17.15	86,942.7724	D			
Common Shares	08/06/2014		D		19,320 (<u>3</u>)	D	\$ 17.15	67,622.7724	D			
Common Shares								18,717.57	Ι	VNQDC (4)		

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

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.

SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

(<i>e.g.</i> , puts, calls, warrants, options, convertible securities)															
1. Title of	2.	3. Transaction	3A. Deemed	4.		5. (6. Date Exercisable		7. Title and		8. Price of	9. Number of	10.	11. Nature
Derivative	Conversion	Date	Execution Date, if	Transactio	on	Number		and Expirati	on Date	Amount of		Derivative	Derivative	Ownership	of Indirect
Security	or Exercise	(Month/Day/Year)	any	Code		of	*		/Year)	Underlying Security		Security	Securities	Form of	Beneficial
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)		· · · · · · · · · · · · · · · · · · ·		Securities (Instr. 5)		Beneficially	Derivative	Ownership			
	Derivative			1		Securities		(Instr. 3 and		Owned	Security:	(Instr. 4)			
	Security			1		Acquired				4)			Following	Direct (D)	
				1	(A) or		r						Reported	or Indirect	
				1	Disposed							Transaction(s)	(I)		
				1		of (D)							(Instr. 4)	(Instr. 4)	
				1		(Instr. 3,									
				1		4, and 5)									
											Amount				
								Data	Expiration		or				
								Date Exercisable		Title	Number				
								Exercisable	Date		of				
				Code	V	(A)	(D)				Shares				

Reporting Owners

	Relationships								
Reporting Owner Name / Address	Director	10% Owner	Officer	Other					
Boor William C 200 PUBLIC SQUARE SUITE 3300 CLEVELAND, OH 44114-2315			EVP Corp Dev & Chief Strat Off						

Signatures

/s/ James D. Graham by Power of Attorney

---Signature of Reporting Person

08/13/2014 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 a payout of performance shares at 100 percent target for the 2012-2014 and 2013-2015 performance periods which were deemed earned under the change in control provision of the Issuer's 2012 Incentive Equity Plan, as amended.
- (2) Reflects the number of restricted share units vested from the 2012-2014 and 2013-2015 grants under the Issuer's 2012 Incentive Equity Plan, as amended. The vested shares converted into a cash payment due to a trigger of the change in control provision of the Issuer's 2012 Incentive Equity Plan, as amended.
- (3) The performance shares were converted into a cash payment due to a trigger of the change in control provision of the Issuer's 2012 Incentive Equity Plan, as amended.
- (4) Held for the benefit of the Reporting Person by the Issuer's 2005 Voluntary Non-Qualified Deferred Compensation Plan ("VNQDC").

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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