FORM 4

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

OMB APPROVAL
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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).

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

1. Name and Address of Reporting Person * Miller Janet L			2. Issuer Name and Ticker or Trading Symbol CLEVELAND-CLIFFS INC. [CLF]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner					
(Last) (First) (Middle) 200 PUBLIC SQUARE, SUITE 3300				3. Date of Earliest Transaction (Month/Day/Year) 04/26/2022								r (give title belo		Other (specify b	elow)	
(Street) CLEVELAND, OH 44114				4. If Amendment, Date Original Filed(Month/Day/Year)							6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting PersonForm filed by More than One Reporting Person					
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially						Beneficially (Owned					
(Instr. 3) Date		2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year		(Instr. 8)		(1	(A) or Disposed of (D) (Instr. 3, 4 and 5)		of	d 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		ollowing	Ownership Form: Direct (D)	Beneficial Ownership	
						Co	ode	VA	Amoun	(A) or (D)	Price		or Indirect (I) (Instr. 4)		(I)	(Instr. 4)
Common	Shares		04/26/2022			A	4		5,271 1)	A	\$ 0	78,547.2	297		D	
				Derivative Se			1 quire	the for ed, Disp	m dis	plays a o	curre eficial	ntly valid		spond unle trol numbe		
Security	2. Conversion or Exercise Price of Derivative Security		3A. Deemed Execution Day Year) any	4. Transaction Code Year) (Instr. 8)		5. Number		and Expiration Date (Month/Day/Year)		7. T Ame Und Secu	ritle and ount of derlying urities tr. 3 and	Derivative Security	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4)	Ownersl Form of Derivati Security Direct (I or Indire	Beneficia Ownershi (Instr. 4)	
				Code	V	(A)	(D)	Date Exercis		Expiration Date	Title	Amount or Number of Shares				

Reporting Owners

D 4: 0 N 4	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
Miller Janet L 200 PUBLIC SQUARE SUITE 3300 CLEVELAND, OH 44114	X					

Signatures

/s/ James D. Graham by Power of Attorney	05/06/2022
**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 shares granted to the Reporting Person as the 2022 Director Restricted Shares pursuant to the Cleveland-Cliffs Inc. 2021 Nonemployee Directors' Compensation Plan.

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.