

Top of the Form

tem	1 01	Entry in	o a Mat	erial Defin	itive Agreement.
шы	1.01	Enu v m	o a viau	eriai Deiiii	mive Agreement.

On September 1, 2009 the Board of Directors of Cliffs Natural Resources Inc. (the "Company") elected Janice K. Henry to the Board. Upon election, the Company entered into an Indemnification Agreement with Ms. Henry, the form of which is attached as Exhibit 10(a) to this Current Report on Form 8-K and is incorporated into this Item 1.01 by reference. The Indemnification Agreement provides that, to the extent permitted by Ohio law, the Company will indemnify Ms. Henry alle form for soroumn ptets Coatso, CoNao(aNagrt,	

NEWS RELEASE

Janice K. Henry Joins Cliffs Natural Resources Inc. Board of Directors

CLEVELAND—Sept. 2, 2009—Cliffs Natural Resources Inc. (NYSE: CLF) (Paris: CLF) today announced that Janice K. Henry, former senior vice president and chief financial officer of Martin Marietta Materials, Inc. (NYSE: MLM), was elected to Cliffs' board of directors.

Joseph A. Carrabba, chairman, president and chief executive officer of Cliffs, said, "Janice brings to our board over 20 years experience in basic materials, ms S ectors.