FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

J.C. 20549	OMB APPROVAL

	OMB Number:	3235-0287							
Estimated average burden									
	haura nar raananaa.	0.5							

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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*  CHOLMONDELEY PAULA H						2. Issuer Name <b>and</b> Ticker or Trading Symbol  MINERALS TECHNOLOGIES INC [ MTX									5. Relationship of Reporting Person(s) (Check all applicable)  X Director 10				
(Last) (First) (Middle)					] 3. Date of Earliest Transaction (Month/Day/Year) 06/16/2010									_	r (give title		10% On Other (s below)		
(Street) NEW YO			10017 (Zip)		4. If Amendment, Date of Original Filed (Month/Day/Year)									Line)	Individual or Joint/Group Filing (Check Applicable lee)  X Form filed by One Reporting Person Form filed by More than One Reporting Person				
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3)  2. Transac Date (Month/Da					Execution ay/Year) if any			Deemed ecution Date, ny onth/Day/Year)		3. 4. Secur Transaction Dispose Code (Instr. 8) 5,		ities Acquired (A) o d Of (D) (Instr. 3, 4		or 1 and		es Fo ially (D) Following (I)		n: Direct or Indirect nstr. 4)	7. Nature of Indirect Beneficial Ownership
								Code	v	Amount	(A) or (D) Price		ice	Transac	Reported Transaction(s) Instr. 3 and 4)			(Instr. 4)	
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																		
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Da if any (Month/Day/	ate, Ti	4. Transacti Code (Ins 8)		on of		6. Date Exe Expiration I (Month/Day	Date		Amount of			8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	ly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership ct (Instr. 4)
				С	ode	v	(A)	(D)	Date Exercisable		xpiration ate	Title	Amo or Num of Share	ber					
Phantom Stock Units	(1)	06/16/2010			A		5.709		(2)		(2)	Common Stock	5.70	09	\$0	5,892.76	69	D	

## Explanation of Responses:

- 1. Each phantom stock unit is the economic equivalent of one share of Minerals Technologies Inc. Common Stock.
- 2. The phantom stock units were accrued under the Minerals Technologies Inc. Non-Funded Deferred Compensation and Unit Award Plan for Non-Employee Directors and are to be settled in cash upon the reporting person's termination of service as a director.

## Remarks:

Thomas J. Meek for Paula H. J. <u>06/17/2010</u> Cholmondeley

\*\* Signature of Reporting Person

Date

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

- $^{\star}$  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).

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

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 Number.