FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL									
OMB Number:	3235-0287								
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	Check this box if no longer subject to
١	Section 16. Form 4 or Form 5
J	obligations may continue. See
	Instruction 1(h)

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

					UI .	Secur) ii 30(ii) t	or tire	invesiment	Comp	party Act	01 1340									
1. Name and Address of Reporting Person* <u>CLARK ROBERT L</u>						2. Issuer Name and Ticker or Trading Symbol MINERALS TECHNOLOGIES INC 1									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
															X Director			10% Ov	vner		
-					- [(give title		Other (s	pecify		
(Last) (First) (Middle)						3. Date of Earliest Transaction (Month/Day/Year)									below			below)			
622 THIRD AVENUE							09/17/2010														
-					4. 11	f Ame	ndment,	Date	of Original F	iled (Month/D	ay/Year)	6	. Indiv	/idual or	Joint/Group	Filing	g (Check Ap	plicable		
(Street)									· ·	•				ine)		·					
NEW Y	ORK N	Y	10017											X		,		orting Perso			
					-										Form Perso		e thai	n One Repo	rting		
(City)	(S	tate)	(Zip)																		
		Tab	le I - Nor	n-Deriv	<i>r</i> ative	Sec	curitie	s Ac	quired, D	isn	osed o	of, or Be	nefici	allv	Owne	<u> </u>					
4 Tid	0						A. Deem			_					5. Amou		c 0	anakin i	7. Nature		
1. Title of Security (Instr. 3) 2. Transa Date						ecution	xecution Date,		3. 4. Securities Acquired (A) Transaction Disposed Of (D) (Instr. 3, 4				4 and Securitie		es For		rm: Direct	of Indirect			
(1)				(Month	/Day/Ye		r) if any (Month/Day/Yea			Code (Instr. 5)) 8)						ollowing	(D) or Indirect (I) (Instr. 4)	nstr. 4) (Beneficial Ownership		
									Code	V Amount		(A) or (D)		_	Reporte Transac			- '	(Instr. 4)		
									Code	<u> </u>	Amount	(D)	" Pric			and 4)					
		Т	able II -	Deriva	tive S	Secu	ırities	Acq	uired, Dis	spos	sed of	, or Ben	eficial	ly O	wned						
			((e.g., p	outs,	calls	s, warr	ants	s, options	, co	nverti	ble secu	urities)							
1. Title of	2.	3. Transaction	3A. Deeme Execution if any	Date, T	4.		n of I		6. Date Exer		ole and	7. Title and		8. Price o		9. Number			11. Nature		
Derivative Security	Conversion or Exercise	Date (Month/Day/Year)			Transa Code (Expiration Date (Month/Day/Year)			Amount of Securities Underlying Derivative Securi		Derivative Security		derivative Securities		Ownership Form:	Beneficial Ownership		
(Instr. 3)	Price of Derivative		(Month/Da		8)				,	(In	str. 5)			Beneficially Owned		Direct (D) or Indirect					
	Security								(Instr. 3 and 4)							Following Reported Transaction(s		(I) (Instr. 4)	(IIISU. 4)		
							(Instr. 3, 4 and 5)									(Instr. 4)					
				ŀ			1			Т			Amoun	ount							
													or Numbe								
								_	Date		piration		of								
					Code	٧	(A)	(D)	Exercisable	Dat	te	Title	Shares	_							
Phantom Stock Units	(1)	09/16/2010			A		0.945		(2)		(2)	Common Stock	0.945		\$0	1,067.54	18	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 Robert L. Clark

09/17/2010

** Signature of Reporting Person

Date

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

- * 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.

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