

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL

OMB Number: 3235-0287  
Estimated average burden hours per response: 0.5

1. Name and Address of Reporting Person* <u>JOHNSON KRISTINA M</u>  (Last) (First) (Middle) <u>MINERALS TECHNOLOGIES INC.</u> <u>405 LEXINGTON AVENUE</u>  (Street) <u>NEW YORK NY 10174</u>  (City) (State) (Zip)	2. Issuer Name <b>and</b> Ticker or Trading Symbol <u>MINERALS TECHNOLOGIES INC [ MTX ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  <input checked="" type="checkbox"/> Director 10% Owner  Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>06/16/2000</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price		

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 Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
PHANTOM STOCK UNITS	(2)	06/16/2000	06/16/2000	A		0.272		(1)	(1)	COMMON STOCK	0.272	\$42.38	461.335	D	
PHANTOM STOCK UNITS	(2)	06/15/2001	06/15/2001	A		0.81		(1)	(1)	COMMON STOCK	0.81	\$41.13	1,333.312	D	
PHANTOM STOCK UNITS	(2)	03/14/2003	03/14/2003	A		1.476		(1)	(1)	COMMON STOCK	1.476	\$36.38	2,149.291	D	
PHANTOM STOCK UNITS	(2)	06/13/2003	06/13/2003	A		1.369		(1)	(1)	COMMON STOCK	1.369	\$49.26	2,698.16	D	
PHANTOM STOCK UNITS	(2)	09/18/2003	09/18/2003	A		1.334		(1)	(1)	COMMON STOCK	1.334	\$51.75	2,761.994	D	
PHANTOM STOCK UNITS	(2)	12/18/2003	12/18/2003	A		1.225		(1)	(1)	COMMON STOCK	1.225	\$58.68	2,855.719	D	
PHANTOM STOCK UNITS	(2)	03/15/2004	03/15/2004	A		2.641		(1)	(1)	COMMON STOCK	2.641	\$55.81	2,950.86	D	
PHANTOM STOCK UNITS	(2)	04/27/2004	04/27/2004	A		15		(1)	(1)	COMMON STOCK	15	\$60.4	2,998.36	D	

Explanation of Responses:

1. THE PHANTOM STOCK UNITS WERE ACCRUED UNDER THE MINERALS TECHNOLOGIES INC. NON-FUNDED DEFERRED COMPENSATION AND UNIT AWARD PLAN FOR NON-EMPLOYEE DIRECTOR'S AND ARE TO BE SETTLED IN CASH UPON THE REPORTING PERSON'S RETIREMENT.
2. EACH PHANTOM STOCK UNIT, WHEN REDEEMED, WILL HAVE THE VALUE OF ONE SHARE OF THE COMPANY'S COMMON STOCK ON THE FIRST BUSINESS DAY OF THE MONTH IN WHICH PAYMENT IS MADE.

Remarks:

LINDA A. BUGGELN FOR  
KRISTINA JOHNSON 06/09/2004

\*\* 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.

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.