

**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>PASQUALE MICHAEL F</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 and 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>01/01/1999</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	
6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> 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. 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
PHANTOM STOCK UNITS	\$0 <sup>(1)</sup>	01/01/1999	01/01/1999	A		12.5		(2)	(2)	COMMON STOCK	12.5	\$40.94	985.686	D	
PHANTOM STOCK UNITS	(1)	01/28/1999	01/28/1999	A		25		(2)	(2)	COMMON STOCK	25	\$39.56	1,010.686	D	
PHANTOM STOCK UNITS	(1)	06/17/1999	06/17/1999	A		0.942		(2)	(2)	COMMON STOCK	0.942	\$55.31	1,465.006	D	
PHANTOM STOCK UNITS	(1)	06/16/2000	06/16/2000	A		1.556		(2)	(2)	COMMON STOCK	1.556	\$42.38	2,035.516	D	
PHANTOM STOCK UNITS	(1)	06/15/2001	06/15/2001	A		2.01		(2)	(2)	COMMON STOCK	2.01	\$41.13	2,708.184	D	
PHANTOM STOCK UNITS	(1)	03/14/2003	03/14/2003	A		2.938		(2)	(2)	COMMON STOCK	2.938	\$36.38	3,677.668	D	
PHANTOM STOCK UNITS	(1)	06/13/2003	06/13/2003	A		2.446		(2)	(2)	COMMON STOCK	2.446	\$49.26	4,236.364	D	
PHANTOM STOCK UNITS	(1)	09/18/2003	09/18/2003	A		2.35		(2)	(2)	COMMON STOCK	2.35	\$51.75	4,279.964	D	
PHANTOM STOCK UNITS	(1)	12/18/2003	12/18/2003	A		2.117		(2)	(2)	COMMON STOCK	2.117	\$58.68	4,348.331	D	
PHANTOM STOCK UNITS	(1)	03/15/2004	03/15/2004	A		4.493		(2)	(2)	COMMON STOCK	4.493	\$55.81	4,419.074	D	
PHANTOM STOCK UNITS	(1)	04/27/2004	04/27/2004	A		25		(2)	(2)	COMMON STOCK	25	\$60.4	4,460.324	D	

**Explanation of Responses:**

- 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.
- 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.

**Remarks:**

LINDA A. BUGGELN FOR  
MICHAEL F. PASQUALE

06/08/2004

\*\* 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.**