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 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*				2. Issuer Name and Ticker or Trading Symbol MINERALS TECHNOLOGIES INC [MTX]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
PASQUALE MICHAEL F											lī		X Director	r		10% Ow	ner	
(Last)	(Firs	st) (I	Middle)	_ [_								_	Officer (below)	(give title		Other (s below)	pecify	
MINERALS TECHNOLOGIES INC.					3. Date of Earliest Transaction (Month/Day/Year) 01/02/2004													
405 LEXINGTON AVENUE				<u> </u>														
,					4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street)												- 1	,	ed by One	Repor	rting Person		
NEW YO	RK NY	1	0174											ed by More		One Report		
(City)	(Sta	ate) (2	Zip)															
		Tab	le I - Non-D	erivativ	e Se	curitie	s Ac	quired, D	isp	osed o	of, or Ben	eficiall	y Owned					
Date			Transactior ite onth/Day/Yo	Execution Date,		Code (Ins	Transaction Disposed Of (D) (Instr. 3, 4 Code (Instr. 5)				4 and Securities Beneficially Owned Follo		Form:	n: Direct I r Indirect I str. 4) (7. Nature of Indirect Beneficial Ownership			
						Code	, .	Amount	(A) or (D)	Price	Reported Transacti (Instr. 3 a				Instr. 4)			
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																	
1			, ,	-	Can			<u> </u>			1		1	1				
1. Title of Derivative Security (Instr. 3)	ve Conversion or Exercise Price of Derivative Security Date (Month/Day/Year) Month/Day/Year		of Deriva Securi Acquir (A) or Dispos of (D) (Instr.	Derivative Securities Acquired (A) or Disposed (Month/Day/Year) Underlying Derivative Securi (Instr. 3 and 4)					ecurity	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	is Silly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)				
				Code	v	(A)	(D)	Date Exercisable	Exp Dat	oiration te	Title	Amount or Number of Shares						
PHANTOM STOCK UNITS	\$0 ⁽¹⁾	01/02/2004	01/02/2004	A	V	16.25		(2)		(2)	COMMON STOCK	16.25	\$59.37	4,286.22	8 ⁽³⁾	D		

Explanation of Responses:

- 1. 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.
- 2. 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.
- 3. THE REPORTING PERSON ALSO DIRECTLY OWNS EMPLOYEE STOCK OPTIONS (I) TO PURCHASE 151 SHARES OF MTX COMMON STOCK AT \$39.53 PER SHARE WHICH BECAME EXERCISABLE IN THREE EQUAL ANNUAL INSTALLMENTS BEGINNING ON JANUARY 28, 2000 AND EXPIRING ON JANUARY 28, 2009 AND (II) TO PURCHASE 168 SHARES OF MTX COMMON STOCK AT \$46.625 PER SHARE WHICH BECAME EXERCISABLE IN THREE EQUAL ANNUAL INSTALLMENTS BEGINNING ON JANUARY 24, 2003 AND EXPIRING ON JANUARY 24, 2012.

Remarks:

VICTORIA LUKAUSKAS FOR MICHAEL F.

01/05/2004

PASQUALE

** 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.