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* PASQUALE MICHAEL F					2. Issuer Name and Ticker or Trading Symbol MINERALS TECHNOLOGIES INC [MTX							(Che	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
-			e. i ii .	_]									Officer below)	r (give title		10% Ow Other (s below)		
(Last) (First) (Middle) MINERALS TECHNOLOGIES INC. 405 LEXINGTON AVENUE					3. Date of Earliest Transaction (Month/Day/Year) 07/01/2005													
(Street) NEW YORK NY 10174			0174	4. 1	4. If Amendment, Date of Original Filed (Month/Day/Year)							Line	ndividual or Joint/Group Filing (Check Applicable a) X Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(Sta	ite) (2	Zip)															
		Tab	e I - Non-De	rivative	e Se	curitie	es Ac	quired, D	Disp	osed	of, or Ben	eficiall	y Owned					
1. Title of Security (Instr. 3) 2. Transar Date (Month/Date)					Execution Date,			Code (In	Transaction Disposed Of (D) (Instr. 3, 4 Code (Instr. 5)			d (A) or 7. 3, 4 and	5. Amoun Securities Beneficia Owned Fo	s Foo Illy (D) ollowing (I) (Form:	Direct I Indirect E tr. 4)	7. Nature of Indirect Beneficial Ownership	
								Code	v	Amount	(A) or (D)	Price	Transacti (Instr. 3 a	on(s)			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	n Date e (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year	Code (Transaction Code (Instr.		mber rative rities ired r osed) : 3, 4	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 derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	lly	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)		
				Code	v	(A)	(D)	Date Exercisable	Ex	piration te	Title	Amount or Number of Shares						
PHANTOM STOCK UNITS	\$0 ⁽¹⁾	07/01/2005	07/01/2005	A	v	60.7		(2)		(2)	COMMON STOCK	60.7	\$61.78	5,777.96	1 ⁽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

2. THE PHANTOM STOCK UNITS REPRESENT DIVIDENDS 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. PASQUALE

07/05/2005

** 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.