

MINERALS TECHNOLOGIES INC  
 Form 4/A  
 December 14, 2006

**FORM 4**

UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

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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).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**GOLUB STEVEN J**

2. Issuer Name and Ticker or Trading Symbol  
**MINERALS TECHNOLOGIES INC [MTX]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
**MINERALS TECHNOLOGIES INC., 405 LEXINGTON AVENUE**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**09/27/2006**

Director  10% Owner  
 Officer (give title below)  Other (specify below)

**NEW YORK, NY 10174**

4. If Amendment, Date Original Filed(Month/Day/Year)  
**09/28/2006**

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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 Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)		
				(A) or (D)	Code	V	Amount	(D)	Price

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

**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 control number.**

SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number of Derivative	6. Date Exercisable and Expiration Date	7. Title and Amount of Underlying Securities
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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)	(Instr. 3 and 4)				
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
PHANTOM STOCK UNITS	\$ 0 <sup>(1)</sup>	09/27/2006	A		37.474 <sup>(2)</sup>		<sup>(3)</sup>	<sup>(3)</sup>	COMMON STOCK	37.474

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GOLUB STEVEN J MINERALS TECHNOLOGIES INC. 405 LEXINGTON AVENUE NEW YORK, NY 10174	X			

## Signatures

LASZLO SERESTER FOR STEVEN J. GOLUB 12/14/2006

Signature of Reporting Person Date

## Explanation of Responses:

- \* 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).
- (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.  
  
ON SEPTEMBER 27, 2006, THE REPORTING PERSON MISTAKENLY REPORTED THE AWARD OF 56.211 PHANTOM STOCK UNITS WHEN IN FACT, THE REPORTING PERSON WAS AWARDED ONLY 37.474 PHANTOM STOCK UNITS. AS OF SEPTEMBER 27, 2006, THE REPORTING PERSON HAS BEEN AWARDED A TOTAL OF ONLY 12,444.65 PHANTOM STOCK UNITS.
  - (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 TO PURCHASE (I) 143 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) 155 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.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.