

BORTECK GORDON  
Form 4  
March 25, 2008

**FORM 4**

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

OMB APPROVAL

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**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 \*  
**BORTECK GORDON**

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)

3. Date of Earliest Transaction (Month/Day/Year)  
**03/25/2008**

\_\_\_\_ Director  
\_\_\_\_ Officer (give title below)  Other (specify below)  
**Former Vice President**

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

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**NEW YORK, NY 10174**

(City) (State) (Zip)

**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 Ownership (Instr. 4)	
				(A) or (D)	Price			
				Code	V	Amount		
Common Stock	03/25/2008		M	1,133	A	\$ 61.94	5,789	D
Common Stock	03/25/2008		S	1,133	D	\$ 63.23	4,656	D
Common Stock	03/25/2008		M	2,134	A	\$ 61.56	6,790	D
Common Stock	03/25/2008		S	2,134	D	\$ 63.23	4,656	D
Common Stock							147 <sup>(1)</sup>	I
								By 401(k) Plan

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

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(9-02)

**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 Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 61.94	03/25/2008		M	1,133	<u>(2)</u> 02/23/2015	Common Stock	1,133
Employee Stock Option (Right to Buy)	\$ 61.56	03/25/2008		M	2,134	<u>(3)</u> 02/28/2017	Common Stock	2,134

**Reporting Owners**

**Reporting Owner Name / Address**

**Relationships**

Director 10% Owner Officer Other

BORTECK GORDON  
MINERALS TECHNOLOGIES INC.  
405 LEXINGTON AVENUE  
NEW YORK, NY 10174

Former Vice President

**Signatures**

Laszlo Serester for Gordon  
Borteck

03/25/2008

\*\*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) Mr. Borteck has 147 shares of Minerals Technologies Inc. stock under the Company's 401(k) Plan. The information in this report is based on a Plan Statement dated as of February 22, 2008.
- (2) The options vested in three equal annual installments beginning on February 23, 2006.
- (3) The options vested on February 28, 2008.

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.