

BORTECK GORDON  
Form 4  
February 13, 2007

**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 \*  
**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)  
  
405 LEXINGTON AVENUE  
  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
05/05/2005

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
**VICE PRESIDENT**

NEW YORK, NY 10174

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

(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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  | Code                           | V Amount (A) or (D) Price   |   |  |                                   |
| Common Stock                    | 05/05/2005                           |  | M                              | 1,600 A \$ 39.53  | 3,100   | D  |                                   |
| Common Stock                    | 05/05/2005                           |  | F                              | 939 D \$ 67.35  | 2,161   | D  |                                   |
| Common Stock                    |                                      |  |                                |   | 2,340 <sup>(1)</sup>  | I  | By 401(K) Plan                    |

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

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number.

**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)       | \$ 39.53   | 05/05/2005                           |  | M                              | 1,600   | (2) 01/28/2009   | Common Stock  | 1,600                         |
| Deferred Restricted Stock Units            | (3)  |                                      |  |                                |   | (4) (4)  | Common Stock  | (3)                           |

## Reporting Owners

| Reporting Owner Name / Address                               | Relationships |           |                |       |
|--|---------------|-----------|----------------|-------|
|  | Director      | 10% Owner | Officer        | Other |
| BORTECK GORDON<br>405 LEXINGTON AVENUE<br>NEW YORK, NY 10174 |               |           | VICE PRESIDENT |       |

## Signatures

Laszlo Serester for Gordon  
Borteck 02/13/2007

\*\*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 2,340 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 January 31, 2007.
- (2) The options vested in three annual equal installments beginning on January 28, 2000.
- (3) One-for-One.

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(4) Deferred Restricted Stock Units ("DRSU") vest three years from date of grant.

(5) Mr. Borteck has 8,700 DRSUs issued pursuant to the Company's 2001 Stock Award And Incentive Plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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