SEC Form 4	
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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

	Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL										
OMB Number:	3235-0287									
Estimated average bur	den									
hours ner resnonse:	05									

1. Name and Address of Reporting Person* BORTECK GORDON			2. Issuer Name and Ticker or Trading Symbol <u>MINERALS TECHNOLOGIES INC</u> [MTX]		ationship of Reporting Person(s) to Issuer k all applicable) Director 10% Owner Officer (give title Other (specify below) below)		
(Last) (First) (Middle) MINERALS TECHNOLOGIES INC. 405 LEXINGTON AVENUE		. ,	3. Date of Earliest Transaction (Month/Day/Year) 10/31/2007		VICE PRESIDENT		
(Street) NEW YORK (City)	NY (State)	10174 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	vidual or Joint/Group Fili Form filed by One Re Form filed by More th Person	porting Person	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Table 1 - Non-Derivative Securities Acquireu, Disposed 01, 01 Beneniciany Owned												
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code (8)		4. Securities Disposed Of 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1150.4)		
Common Stock	10/31/2007		М		6,000	A	\$34.83	8,805	D			
Common Stock	10/31/2007		S		6,000	D	\$69.83	2,805	D			
Common Stock	10/31/2007		М		522	A	\$46.63	3,327	D			
Common Stock	10/31/2007		S		552	D	\$69.83	2,805	D			
Common Stock	10/31/2007		М		4,000	A	\$49.12	6,805	D			
Common Stock	10/31/2007		S		4,000	D	\$69.83	2,805	D			
Common Stock	10/31/2007		М		5,400	A	\$53.9	8,205	D			
Common Stock	10/31/2007		S		5,400	D	\$69.83	2,805	D			
Common Stock	10/31/2007		М		2,267	A	\$61.94	5,072	D			
Common Stock	10/31/2007		S		2,267	D	\$69.83	2,805	D			
Common Stock	10/31/2007		М		1,500	A	\$54.23	4,305	D			
Common Stock	10/31/2007		S		1,500	D	\$69.83	2,805	D			
Common Stock								976 ⁽¹⁾	I	By 401(K) Plan		

	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. Transa Code (8)		of Deri Sec Acq (A) o Disp of (I (Inst				Expiration Date Amount of (Month/Day/Year) Securities Underlying Derivative			ation Date Amount of		Amount of Der Securities Sec Underlying (Ins Derivative Security		8. Price of Derivative Security (Instr. 5)	vative derivative urity Securities	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares									
Employee Stock Option (Right to Buy)	\$34.83	10/31/2007		М			6,000	(2)	03/16/2011	Common Stock	6,000	\$0	24,222	D						
Employee Stock Option (Right to Buy)	\$46.63	10/31/2007		М			522	(3)	01/24/2012	Common Stock	522	\$0	23,700	D						

	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)	Transaction of Code (Instr. Do 8) Se At (A Di of (Ir		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		ction nstr. Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		xpiration Date Amount of Month/Day/Year) Securities Underlying Derivative		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		Amount of Securities Underlying Derivative Security		9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)																
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares																																						
Employee Stock Option (Right to Buy)	\$49.12	10/31/2007		М			4,000	(4)	07/01/2013	Common Stock	4,000	\$0	19,700	D																																			
Employee Stock Option (Right to Buy)	\$53.9	10/31/2007		М			5,400	(5)	02/25/2014	Common Stock	5,400	\$0	14,300	D																																			
Employee Stock Option (Right to Buy)	\$61.94	10/31/2007		М			2,267	(6)	02/23/2015	Common Stock	2,267	\$0	12,033	D																																			
Employee Stock Option (Right to Buy)	\$54.23	10/31/2007		М			1,500	(7)	02/22/2016	Common Stock	1,500	\$0	10,533	D																																			

Explanation of Responses:

1. Mr. Borteck has 976 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 October 31, 2007.

2. The options vested in three equal annual installments beginning on March 16, 2002.

3. The options vested in three equal annual installments beginning on January 24, 2003.

4. The options vested in three equal annual installments beginning on July 1, 2004.

5. The options vested in three equal annual installments beginning on February 25, 2005.

6. The options vested in two equal annual installments beginning on February 23, 2006.

7. The options vested on February 22, 2007.

Remarks:

Laszlo Serester for Gordon Borteck

11/01/2007

** Signature of Reporting Person Date

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

 \ast 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.

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