

MINERALS TECHNOLOGIES INC
 Form 4
 November 26, 2007

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 *
 BOURUET AUBERTOT ALAIN

(Last) (First) (Middle)

MINERALS TECHNOLOGIES INC., 405 LEXINGTON AVENUE

(Street)

NEW YORK, NY 10174

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
 11/21/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
 FORMER SENIOR VICE PRESIDENT

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 Following Reported Transaction(s) (Instr. 3 and 4)	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
Common Stock	11/21/2007		M			8,000	A	\$ 39.3	11,321	D	
Common Stock	11/21/2007		S			8,000	D	\$ 66.48	3,321	D	
Common Stock	11/21/2007		M			10,000	A	\$ 49.12	13,321	D	
Common Stock	11/21/2007		S			10,000	D	\$ 66.48	3,321	D	
Common Stock	11/21/2007		M			9,800	A	\$ 53.89	13,121	D	

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Common Stock	11/21/2007	S	9,800	D	\$ 66.48	3,321	D	
Common Stock	11/21/2007	M	4,334	A	\$ 61.94	7,655	D	
Common Stock	11/21/2007	S	4,334	D	\$ 66.48	3,321	D	
Common Stock	11/21/2007	M	2,900	A	\$ 54.23	6,221	D	
Common Stock	11/21/2007	S	2,900	D	\$ 66.48	3,321	D	
Common Stock						765 ⁽¹⁾	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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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)	
					V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 39.3	11/21/2007		M		8,000	⁽²⁾	01/23/2013	Common Stock	8,000
Employee Stock Option (Right to Buy)	\$ 49.12	11/21/2007		M		10,000	⁽³⁾	07/01/2013	Common Stock	10,000
Employee Stock Option (Right to Buy)	\$ 53.89	11/21/2007		M		9,800	⁽⁴⁾	02/25/2014	Common Stock	9,800

