

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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
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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]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) FORMER SENIOR VICE PRESIDENT
	3. Date of Earliest Transaction (Month/Day/Year) 11/21/2007	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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	
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

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	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
Employee Stock Option (Right to Buy)	\$39.3	11/21/2007		M			8,000	(2)	01/23/2013	Common Stock	8,000	\$66.48	46,300	D	
Employee Stock Option (Right to Buy)	\$49.12	11/21/2007		M			10,000	(3)	07/01/2013	Common Stock	10,000	\$66.48	36,300	D	
Employee Stock Option (Right to Buy)	\$53.89	11/21/2007		M			9,800	(4)	02/25/2014	Common Stock	9,800	\$66.48	26,500	D	

