

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* <u>Schut Johannes C</u>			2. Issuer Name and Ticker or Trading Symbol <u>MINERALS TECHNOLOGIES INC [MTX]</u>		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Vice President</u>	
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>05/17/2013</u>		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person	
622 THIRD AVENUE			4. If Amendment, Date of Original Filed (Month/Day/Year)			
(Street) <u>NEW YORK NY 10017</u>						
(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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	05/17/2013		M		4,000	A	\$32.965	6,663	D	
Common Stock	05/17/2013		F		3,492 ⁽¹²⁾	D	\$42.81 ⁽⁷⁾	3,171	D	
Common Stock	05/17/2013		M		1,800	A	\$29.665	4,971	D	
Common Stock	05/17/2013		F		1,495 ⁽¹²⁾	D	\$42.8	3,476	D	
Common Stock	05/17/2013		M		2,000	A	\$32.305	5,476	D	
Common Stock	05/17/2013		F		1,731 ⁽¹²⁾	D	\$42.8	3,745	D	
Common Stock	05/17/2013		M		3,880	A	\$24.56	7,625	D	
Common Stock	05/17/2013		F		2,967 ⁽¹²⁾	D	\$42.6	4,658	D	
Common Stock	05/17/2013		M		2,224	A	\$32.2275	6,882	D	
Common Stock	05/17/2013		F		1,922 ⁽¹²⁾	D	\$42.759 ⁽⁸⁾	4,960	D	
Common Stock	05/17/2013		M		1,852	A	\$31.365	6,812	D	
Common Stock	05/17/2013		F		1,579 ⁽¹²⁾	D	\$42.79 ⁽⁹⁾	5,233	D	
Common Stock	05/20/2013		M		2,904	A	\$32.03	8,137	D	
Common Stock	05/20/2013		F		2,501 ⁽¹²⁾	D	\$42.77 ⁽¹⁰⁾	5,636	D	
Common Stock								408	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
Stock Option	\$32.965	05/17/2013		M		4,000		(1)	04/23/2018	Common Stock	4,000	\$0	31,784	D	
Stock Option	\$29.665	05/17/2013		M		1,800		(2)	04/26/2016	Common Stock	1,800	\$0	29,984	D	
Stock Option	\$32.305	05/17/2013		M		2,000		(3)	04/25/2017	Common Stock	2,000	\$0	27,984	D	
Stock Option	\$24.56	05/17/2013		M		3,880		(4)	01/27/2020	Common Stock	3,880	\$0	24,104	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)	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
Stock Option	\$32.2275	05/17/2013		M			2,224	(5)	01/26/2021	Common Stock	2,224	\$0	21,880	D	
Stock Option	\$31.365	05/17/2013		M			1,852	(6)	03/26/2021	Common Stock	1,852	\$0	20,028	D	
Stock Option	\$32.03	05/20/2013		M			2,904	(11)	05/20/2013	Common Stock	2,904	\$0	17,124	D	

Explanation of Responses:

1. The options vested in three equal annual installments beginning on April 23, 2009.
2. The options vested in three equal annual installments beginning on April 26, 2007.
3. The options vested in three equal annual installments beginning on April 25, 2008.
4. The options vested in three equal annual installments beginning on January 27, 2011.
5. The options vested in three equal annual installments beginning on January 26, 2012.
6. The options vested in three equal annual installments beginning on March 16, 2012.
7. Weighted average price representing high of \$42.88 and low of \$42.80.
8. Weighted average price representing high of \$42.815 and low of \$42.71.
9. Weighted average price representing high of \$42.82 and low of \$42.7701.
10. Weighted average price representing high of \$42.81 and low of \$42.75.
11. The options vested in three equal annual installments beginning on January 25, 2013.
12. Reflects shares sold to pay required withholding taxes and costs of option award and the balance of shares are retained by the officer.

Thomas Meek for Johannes Schut 05/21/2013

** Signature of Reporting Person Date

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

* 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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