

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF
SECURITIESFiled pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Schut Johannes C</u>	2. Date of Event Requiring Statement (Month/Day/Year) 03/16/2011	3. Issuer Name and Ticker or Trading Symbol <u>MINERALS TECHNOLOGIES INC [MTX]</u>	
		4. 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>	5. If Amendment, Date of Original Filed (Month/Day/Year) 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
(Last) (First) (Middle) 622 THIRD AVENUE (Street) NEW YORK NY 10017 (City) (State) (Zip)			

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	2,434	D	

Table II - Derivative Securities Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Deferred Restricted Stock Units (DRSUs)	(1)	(1)	Common Stock	333	(2)	D
Deferred Restricted Stock Units (DRSUs)	(3)	(3)	Common Stock	466	(2)	D
Deferred Restricted Stock Units (DRSUs)	(4)	(4)	Common Stock	753	(2)	D
Deferred Restricted Stock Units (DRSUs)	(5)	(5)	Common Stock	953	(2)	D
Deferred Restricted Stock Units (DRSUs)	(6)	(6)	Common Stock	1,300	(2)	D
Employee Stock Option (Right to Buy)	(7)	04/26/2016	Common Stock	900	59.33	D
Employee Stock Option (Right to Buy)	(8)	04/25/2017	Common Stock	1,000	64.61	D
Employee Stock Option (Right to Buy)	(9)	04/23/2018	Common Stock	2,000	65.93	D
Employee Stock Option (Right to Buy)	(10)	01/28/2019	Common Stock	2,400	39.71	D
Employee Stock Option (Right to Buy)	(11)	01/27/2020	Common Stock	1,940	49.12	D
Employee Stock Option (Right to Buy)	(12)	01/26/2021	Common Stock	1,668	64.455	D
Employee Stock Option (Right to Buy)	(13)	03/16/2021	Common Stock	1,388	62.73	D

Explanation of Responses:

- The DRSU's were granted on April 23, 2008 and vest in three equal installments beginning on April 23, 2009.
- Each DRSU is the economic equivalent of one share of Mineral Technologies Inc. Common Stock.
- The DRSU's were granted on January 28, 2009 and vest in three equal installments beginning on January 28, 2010.
- The DRSU's were granted on January 27, 2010 and vest in three equal installments beginning on January 27, 2011.
- The DRSU's were granted on January 26, 2011 and vest in three equal installments beginning on January 26, 2012.
- The DRSU's were granted on March 16, 2011 and vest in three equal installments beginning on March 16, 2012.
- The options vest in three equal annual installments beginning on April 26, 2007
- The options vest in three equal annual installments beginning on April 25, 2008
- The options vest in three equal annual installments beginning on April 23, 2009
- The options vest in three equal annual installments beginning on January 28, 2010.
- The options vest in three equal annual installments beginning on January 27, 2011.
- The options vest in three equal annual installments beginning on January 26, 2012
- The options vest in three equal annual installments beginning on March 16, 2012

By: Thomas J. Meek for
Johannes C. Schut

03/23/2011

** 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 5 (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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.