

Arsenault Denis C  
 Form 4  
 May 18, 2012

**FORM**

**4**

**UNITED STATES SECURITIES AND EXCHANGE  
 COMMISSION  
 Washington, D.C. 20549**

OMB APPROVAL  
 OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

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

**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 * Arsenault Denis C			2. Issuer Name and Ticker or Trading Symbol Thompson Creek Metals CO Inc. [TC]		5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)	
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)		<input checked="" type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
C/O THOMPSON CREEK METALS COMPANY INC., 26 WEST DRY CREEK CIRCLE, SUITE 810			05/16/2012		<input type="checkbox"/> Officer (give title below)	<input type="checkbox"/> Other (specify below)
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	
LITTLETON, CO 80120						
(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	(D)	Price
							\$
Common Stock	05/16/2012		P		53,000	A	3.77
							(1)
					145,336	D	

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

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SEC 1474 (9-02)

valid OMB control number.

**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)	8. Price of Derivative Security (Instr. 5)
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## Reporting Owners

Reporting Owner Name / Address	Relationships				Amount or Number of Shares
	Director	10% Owner	Officer	Other	
Arsenault Denis C C/O THOMPSON CREEK METALS COMPANY INC. 26 WEST DRY CREEK CIRCLE, SUITE 810 LITTLETON, CO 80120			X		

## Signatures

Morgan  
Walbridge 05/18/2012

\*\*Signature of Reporting Person Date

## Explanation of Responses:

- \* 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).

(1) Represents the conversion of \$3.81 Canadian dollars based on the Bank of Canada noon rate on May 16, 2012.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.