Wilson Mark Arthur Form 4 December 16, 2009

| December 16 | 5, 2009 | | | | | | | |
|--|--|---|---|-------------------------------|--|---|--|--|
| FORM | OMB APPROVAL | | | | | | | |
| | OMB Number: | 3235-0287 | | | | | | |
| Check thi if no long | ar | Expires: | January 31, 2005 | | | | | |
| subject to Section 16 Form 4 or Form 5 obligation may conti | 6. Filed pursions Section 17(a) | change Act of 1934, Act of 1935 or Section of 1940 | Estimated average burden hours per response 0.5 | | | | | |
| 1(b). | | | | | | | | |
| (Print or Type R | Responses) | | | | | | | |
| 1. Name and A Wilson Marl | ddress of Reporting Pok Arthur | Symbol Thomp | er Name and Ticker or Trading | Issuer | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | |
| (I) | | [TC] | CE II T | D' | 100 | | | |
| METALS C | (First) (Mi PSON CREEK OMPANY, 26 WI K CIRCLE, SUIT | (Month/ 12/14/2 EST | of Earliest Transaction Day/Year) 2009 | X_ Officer (give below) | Director 10% Owner X Officer (give title Other (specify below) VP Sales & Marketing | | | |
| | (Street) | 4. If Am | endment, Date Original | 6. Individual or Jo | oint/Group Fili | ng(Check | | |
| LITTLETON | N, CO 80120 | Filed(Mo | onth/Day/Year) | | _X_ Form filed by One Reporting Person Form filed by More than One Reporting | | | |
| (City) | (State) (Z | Zip) Tak | ole I - Non-Derivative Securition | es Acquired, Disposed of | , or Beneficia | lly Owned | | |
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | | Code Disposed of (D) | Securities Beneficially Owned | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| Common | | | Code V Amount (D) | Price (msu. 5 and 4) | | | | |
| Shares | | | | 4,400 | D | | | |
| Common Shares | | | | 200 | I | Spouse | | |
| Common Shares | | | | 6,800 | I | IRA | | |
| Common Shares | | | | 300 | I | Spouse IRA | | |

400

I

Common Minor Shares children

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

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 control number.

SEC 1474

(9-02)

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. Transactic Code (Instr. 8) | TransactionDerivative Code Securities | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | |
|---|---|---|---|--|---------------------------------------|---------------------|--|------------------|---|--|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
| Option Grant | \$ 12.14 | 12/14/2009 | | A | 55,000 | <u>(1)</u> | 12/02/2014 | Common Shares | 55,000 | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Wilson Mark Arthur C/O THOMPSON CREEK METALS COMPANY 26 WEST DRY CREEK CIRCLE, SUITE 810 LITTLETON, CO 80120

VP Sales & Marketing

Signatures

/s/ Dale Huffman, Attorney-In-Fact

**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) Options vest one-third immediately, December 2, 2009; one-third on December 2, 2010 and one-third on December 2, 2011.

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.

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