Hartnett Diane Margaret Form 4 January 13, 2010

Check this box

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

if no longer subject to Section 16. Form 4 or Form 5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b).

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person *

Hartnett Diane Margaret

(First) (Middle)

564 S. RACE STREET

DENVER, CO 80209

(Last)

Security

(Instr. 3)

(Street)

2. Issuer Name and Ticker or Trading

Symbol

GEOVIC MINING CORP. [TSX-GMC]

3. Date of Earliest Transaction

(Month/Day/Year) 01/11/2010

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify

below) below) Controller

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

(City) (State)

(Zip) 1. Title of

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

(A)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership Form: Direct (D) or Indirect Beneficial (I) (Instr. 4)

7. Nature of Indirect Ownership (Instr. 4)

Transaction(s) (Instr. 3 and 4)

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

Code V Amount (D) Price

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of Underlying Securities (Instr. 3 and 4)

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) Derivative or Disposed of Security (D) (Instr. 3, 4,

and 5)

Code V (A)

(D) Date Exercisable Expiration Date

Title Amoun or

Numbe of Shar

40,00

Option to

stock

purchase 01/11/2010 (1) common

01/11/2010 A 40,000 01/11/2010(2) 01/11/2020

Common Stock

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Hartnett Diane Margaret 564 S. RACE STREET

Controller

DENVER, CO 80209

Signatures

/s/ Diane A.

Hartnett 01/13/2010 **Signature of Date Reporting Person

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).
- Exercise price is Cdn\$0.90.
- (2) 40% of the options are exercisable on date of grant, 30% are exercisable on each of first two anniversaries of date of grant.

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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