

Sedun Gregg James  
 Form 5  
 February 04, 2011

**FORM 5**

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

OMB APPROVAL  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

1. Name and Address of Reporting Person *			2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer	
Sedun Gregg James			GEOVIC MINING CORP. [TSX-GMC]		(Check all applicable)	
(Last)	(First)	(Middle)	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)		<input checked="" type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
			12/31/2010		<input type="checkbox"/> Officer (give title below)	<input type="checkbox"/> Other (specify below)
6015 ALMA ST			4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Reporting	
(Street)					(check applicable line)	
VANCOUVER, A1 V6N 1Y3					<input checked="" type="checkbox"/> Form Filed by One Reporting Person	
(City)					<input type="checkbox"/> Form Filed by More than One Reporting Person	
(State)					Person	
(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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				(A) or (D) Price			

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

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SEC 2270 (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	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	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)

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Derivative Security				Disposed of (D) (Instr. 3, 4, and 5)	Date		Expiration Date	Title	Amount	
					(A)	(D)				
Warrant to purchase common stock	\$ 2.25	02/04/2011 <sup>(1)</sup>	Â	D	Â	273,933	03/06/2007	03/06/2010	Common Stock	273
Warrant to purchase common stock	\$ 3.06	02/04/2011 <sup>(1)</sup>	Â	D	Â	425,834	04/27/2007	04/27/2010	Common Stock	425

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Sedun Gregg James 6015 ALMA ST VANCOUVER, A1 V6N 1Y3	Â X	Â	Â	Â

## Signatures

/s/ Shelia I. Short, Attorney-in-fact for Gregg Sedun  
Date: 02/04/2011

\*\*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) Warrants expired.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.