

GOLDEN STAR RESOURCES LTD
 Form 4
 March 23, 2010

FORM 4

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).

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 *
MARTINEAU MICHAEL

2. Issuer Name and Ticker or Trading Symbol
GOLDEN STAR RESOURCES LTD [GSS]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
03/23/2010

Director 10% Owner
 Officer (give title below) Other (specify below)

10901 WEST TOLLER DRIVE, SUITE 300

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

LITTLETON, CO 80127-6312

(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 Ownership (Instr. 4)				
				Code	V	Amount	(A) or (D)	Price			
Common Shares	03/23/2010		M		40,000	A		\$ 1.06 <u>(1)</u>	50,000	D	
Common Shares	03/23/2010		S		20,000	D		\$ 3.68 <u>(2)</u>	30,000	D	

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

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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)	Amount or Number of Shares
Common Share Options (Right to Buy)	\$ 1.06 ⁽¹⁾	03/23/2010		M	40,000	12/16/2008 12/16/2018	Common Shares	40,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MARTINEAU MICHAEL 10901 WEST TOLLER DRIVE SUITE 300 LITTLETON, CO 80127-6312	X			

Signatures

Roger Palmer for Michael P. Martineau/Pursuant to Power of Attorney 03/23/2010

**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) The exercise price is CD\$1.08; this is the US\$ equivalent on the date of the exercise (CD\$1.00 = US\$0.9825).

(2) The sale price is CD\$3.75; this is the US\$ equivalent on the date of the sale (CD\$1.00 = US\$0.9825)

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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