

# GOLDEN STAR RESOURCES LTD.

Reported by  
**DOYLE ROBERT E.**

## FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 04/16/13 for the Period Ending 04/15/13

|             |                             |
|-------------|-----------------------------|
| Telephone   | 416 583 3800                |
| CIK         | 0000903571                  |
| Symbol      | GSS                         |
| SIC Code    | 1040 - Gold And Silver Ores |
| Industry    | Gold & Silver               |
| Sector      | Basic Materials             |
| Fiscal Year | 12/31                       |

# 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  
or Section 30(h) of the Investment Company Act of 1940

|   |  |  |
|---|--|--|
| <b>1. Name and Address of Reporting Person *</b><br><br><b>Doyle Robert E.</b><br><br>(Last) (First) (Middle)<br><br><b>150 KING STREET WEST, SUN LIFE FINANCIAL TOWER, SUITE 1200</b><br><br>(Street)<br><br><b>TORONTO, A6 M5H1J9</b><br><br>(City) (State) (Zip) | <b>2. Issuer Name and Ticker or Trading Symbol</b><br><br><b>GOLDEN STAR RESOURCES LTD [ GSS ]</b> | <b>5. Relationship of Reporting Person(s) to Issuer (Check all applicable)</b><br><br><input checked="" type="checkbox"/> Director <span style="float:right">_____ 10% Owner</span><br>_____ Officer (give title below) <span style="float:right">_____ Other (specify below)</span> |
| <b>3. Date of Earliest Transaction (MM/DD/YYYY)</b><br><br><p align="center"><b>4/15/2013</b></p>   |  | <b>6. Individual or Joint/Group Filing (Check Applicable Line)</b><br><br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person  |
| <b>4. If Amendment, Date Original Filed (MM/DD/YYYY)</b>  |  |  |

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

| 1. Title of Security (Instr. 3) | 2. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. 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  | (A) or (D) | Price |   |  |   |

### Table II - Derivative Securities Beneficially Owned ( e.g. , puts, calls, warrants, options, convertible securities)

| 1. Title of Derivate Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. 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 |     | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) |                 | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|----------------|-----------------------------------|---------------------------|---|--|---|-----|---|-----------------|--|---|--|--|
|  |  |                |                                   | Code                      | V |  | (A)                                     | (D) | Date Exercisable  | Expiration Date |  |   |  |  |
| Deferred Share Units                     | (1)  | 4/15/2013      |                                   | A                         |   | 17847  | (2)                                     | (2) | Common Shares   | 17847           | \$1.54 (3)                                 | 108196  | D  |  |

#### Explanation of Responses:

- (1) The reporting person has received an exempt award of deferred share units ("DSUs" under Golden Star Resources Ltd.'s (the "Company") Deferred Share Unit Plan. Each DSU is the economic equivalent of one common share of the Company. The DSUs vested on the award date.
- (2) The DSUs will be settled in cash, common shares or a combination thereof following the reporting person's separation from service.
- (3) The number of DSUs allocated to the reporting person is calculated based on the volume-weighted average trading price of the Company's common shares on the NYSE MKT for the 20 trading days immediately preceding the award date, US\$1.5409.

#### Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| <b>Doyle Robert E.</b><br><b>150 KING STREET WEST</b><br><b>SUN LIFE FINANCIAL TOWER, SUITE 1200</b><br><b>TORONTO, A6 M5H1J9</b> | <b>X</b>      |           |         |       |

## Signatures

**Robert E. Doyle**

**4/16/2013**

\*\* Signature of Reporting Person

Date

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

\* 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).

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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