
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

For the month of April 2017

Commission File Number 001-12284

GOLDEN STAR RESOURCES LTD.

(Translation of registrant's name into English)

150 King Street West
Suite 1200
Toronto, Ontario
M5H 1J9, Canada

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934. Yes No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): _____

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: April 20, 2017

GOLDEN STAR RESOURCES LTD.

By: /s/ André van Niekerk
André van Niekerk
Executive Vice President and
Chief Financial Officer

EXHIBIT INDEX

| <u>Exhibit No.</u> | <u>Description of Exhibit</u> |
|--------------------|---|
| 99.1 | Press Release dated April 20, 2017 - Golden Star First Quarter 2017 Results Conference Call |

Golden Star First Quarter 2017 Results Conference Call

TORONTO, April 20, 2017 /CNW/ - Golden Star Resources (NYSE MKT: GSS; TSX: GSC; GSE: GSR) ("Golden Star" or the "Company") will be releasing its results for the quarter ended March 31, 2017 after market close on May 3, 2017.

The Company will conduct a conference call and webcast to discuss these results on Thursday, May 4, 2017 at 9:00 am ET. The access details are as follows:

Toll Free (North America): +1 877 201 0168

Toronto Local and International: +1 647 788 4901

Webcast: www.gsr.com

A recording and webcast replay of the call will be available at www.gsr.com following the call.

Company Profile:

Golden Star is an established gold mining company that owns and operates the Wassa and Prestea mines situated on the prolific Ashanti Gold Belt in Ghana, West Africa. Listed on the NYSE MKT, the TSX, and the GSE, Golden Star is strategically focused on increasing operating margins and cash flow through the development of its two high grade, low cost underground mines both in conjunction with existing open pit operations. The Wassa Underground Gold Mine commenced commercial production in January 2017 and the Prestea Underground Gold Mine is expected to achieve commercial production in mid-2017. Gold production in 2017 is expected to be 255,000-280,000 ounces with cash operating costs of US\$780-860 per ounce.

SOURCE Golden Star Resources Ltd.

View original content: <http://www.newswire.ca/en/releases/archive/April2017/20/c2048.html>

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For further information: please visit www.gsr.com or contact: Katharine Sutton, Vice President, Investor Relations and Corporate Affairs, +1 416 583 3800, investor@gsr.com

CO: Golden Star Resources Ltd.

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