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

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**FORM 6-K**

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

For the month of January 2018

Commission File Number 001-12284

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**GOLDEN STAR RESOURCES LTD.**

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(Translation of registrant's name into English)

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

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(Address of principal executive office)

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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): \_\_\_\_\_

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**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: January 23, 2018

**GOLDEN STAR RESOURCES LTD.**

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

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**EXHIBIT INDEX**

<u>Exhibit No.</u>	<u>Description of Exhibit</u>
<a href="#">99.1</a>	<a href="#">Press Release dated January 23, 2018 - Golden Star Fourth Quarter &amp; Full Year 2017 Results Conference Call</a>

## Golden Star Fourth Quarter & Full Year 2017 Results Conference Call

TORONTO, Jan. 23, 2018 /CNW/ - Golden Star Resources (NYSE American: GSS; TSX: GSC; GSE: GSR) ("Golden Star" or the "Company") will be releasing its fourth quarter and full year 2017 financial results after market close on February 20, 2018.

The Company will conduct a conference call and webcast to discuss these results on February 21, 2018 at 10:00 am ET. The access details are as follows:

Toll Free (North America): +1 833 231 8263  
Toronto Local and International: +1 647 689 4108  
Conference ID: 2696867  
Webcast: [www.gsr.com](http://www.gsr.com)

A recording and webcast replay of the call will be available at [www.gsr.com](http://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 in Ghana, West Africa. Listed on the NYSE American, the Toronto Stock Exchange and the Ghanaian Stock Exchange, Golden Star is focused on delivering strong margins and free cash flow from its two high grade, low cost underground mines. Gold production guidance for 2018 is 230,000-255,000 ounces at a cash operating cost per ounce of \$650-730. As the winner of the PDAC 2018 Environmental and Social Responsibility Award, Golden Star is committed to leaving a positive and sustainable legacy in its areas of operation.

SOURCE Golden Star Resources Ltd.

View original content: <http://www.newswire.ca/en/releases/archive/January2018/23/c5674.html>

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**For further information:** please visit [www.gsr.com](http://www.gsr.com) or contact: Katharine Sutton, Vice President, Investor Relations and Corporate Affairs, +1 416 583 3800, [investor@gsr.com](mailto:investor@gsr.com)

CO: Golden Star Resources Ltd.

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