
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 January 2016

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: January 15, 2016

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 January 15, 2016 - Golden Star Announces Filing of Feasibility Study for Prestea Underground Mine

Golden Star Announces Filing of Feasibility Study for Prestea Underground Mine

TORONTO, Jan. 15, 2016 /CNW/ - Golden Star today announces that it has filed a technical report, prepared in accordance with Canada's National Instrument 43-101, for a Feasibility Study on the development of an underground mining operation at its Prestea Mine site in Ghana.

Golden Star originally announced the findings of this Feasibility Study on December 1, 2015.

The technical report, entitled "NI 43-101 Technical Report on a Feasibility Study of the Prestea Underground Gold Project in Ghana", was prepared by SRK Consulting (Canada) Ltd., under the supervision of Yao Hua (Benny) Zhang MEng., P.Eng. of SRK Consulting (Canada) Limited, an independent Qualified Person pursuant to National Instrument 43-101.

This technical report can be accessed under the Company's profile at www.sedar.com and on the Company's website at www.gsr.com.

COMPANY PROFILE

Golden Star Resources (NYSE MKT: GSS; TSX: GSC; GSE: GSR) ("Golden Star" or the "Company") is an established gold mining company that holds a 90% interest in the Wassa and Prestea gold mines in Ghana. As of December 31, 2014 Golden Star had Mineral Reserves of 1.9 million ounces and 6.6 million ounces in Measured and Indicated Mineral Resources. The Company is developing two brownfield projects at Wassa and Prestea mines which are expected to transform Golden Star into a lower cost producer. As such, the Company offers investors leveraged exposure to the gold price in a stable African mining jurisdiction with significant development upside potential.

TECHNICAL INFORMATION

The technical contents of this press release have been reviewed and approved by Dr. Martin Raffield, P. Eng., a Qualified Person pursuant to National Instrument 43-101. Dr. Raffield is Senior Vice President Technical Services for Golden Star.

SOURCE Golden Star Resources Ltd.

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For further information: For further information on the Company, please visit www.gsr.com or contact: Bruce Higson-Smith, Senior Vice President Corporate Strategy, +1 416 583 3800, investor@gsr.com

CO: Golden Star Resources Ltd.

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