

GOLDEN STAR RESOURCES LTD.

FORM 6-K (Report of Foreign Issuer)

Filed 01/12/15 for the Period Ending 01/12/15

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

**UNITED STATES
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 2015 .

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.

GOLDEN STAR RESOURCES LTD.

Date: January 12, 2015

(signed) Andre van Niekerk

Andre van Niekerk
Executive Vice President and Chief Financial Officer

EXHIBIT INDEX

Exhibit No.	Description of Exhibit
99.1	Press Release of Golden Star Resources Ltd. dated January 12, 2015

Exhibit 99.1

Golden Star achieves 2014 Production Guidance, Provides Guidance for 2015

Toronto, ON - January 12, 2015 - Golden Star today announces 2014 fourth quarter and full year production results for its Bogoso and Wassa mines.

The Company sold 260,788 ounces of gold in 2014, in line with the Company's revised guidance. In the fourth quarter of 2014, Golden Star produced and sold 72,085 ounces of gold, which was a 19% increase on the prior quarter. Of this, 25,831 ounces of gold were from Wassa and 46,254 ounces were from Bogoso. For the full year 2014, Wassa's gold sales were 112,831 ounces and Bogoso's were 147,957 ounces.

The Company closed 2014 with a cash and cash equivalents balance of US\$39 million. This was after the drawdown of US\$10 million in cash from the Ecobank loan and the payment of US\$1.4 million for equipment required for the development of an underground operation at Wassa.

2015 full year production and financial guidance is as follows:

	Wassa	Bogoso	Combined
Production (K Oz.)	105 - 120	145 - 155	250 - 275
Cash operating costs per oz. (US\$)	850 - 990	870 - 960	860 - 980
All in Sustaining costs per oz. (US\$)			1,030 - 1,160
Sustaining capital expenditure (US\$ millions)	14	3	17
Development capital expenditure (US\$ millions)	27	13	39
Total capital expenditure (US\$ millions)	41	15	56

Prior to the year end, Wassa received the necessary permits to commence construction of the exploration decline. This decline will facilitate definition drilling and a bulk sample of the higher grade ore below the Wassa Main pit. Should the Feasibility Study on a combined open pit and underground mining operation at Wassa have a favourable outcome and the necessary underground mining permits be received, this decline will form the primary access to the underground operation. Work on the Feasibility Study is ongoing and the results are expected to be announced at the end of the first quarter 2015.

Orders were placed in December for the underground mining equipment. This equipment is expected on site within the first quarter of 2015 which will allow for construction of the decline to start in April 2015.

Commenting on this operational performance, President and CEO Sam Coetzer said:

"Through the determination of our management and personnel, I am pleased to announce that Golden Star has met its revised production guidance for 2014. This was achieved despite the numerous interruptions to our power supply over the year. The improvement in production in the fourth quarter is very encouraging as was obtaining the necessary permits to commence construction of the Wassa underground mine. Looking ahead to 2015, I believe our strategy is bearing fruit as we anticipate a reduction in both cash operating and all in sustaining costs per ounce. The achievement of these savings, combined with the development of our brownfield projects at Wassa and Prestea, should set the path for Golden Star to be transformed into a lower cost producer by 2016."

Golden Star expects to release its full year 2014 Financial Results on February 19, 2015.



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, Prestea and Bogoso gold mines in Ghana. Golden Star has Mineral Reserves of 3.9 million ounces and 6.0 million ounces in Measured and Indicated Mineral Resources. In 2014, Golden Star produced 261,000 ounces of gold and is expected to produce 250,000 - 275,000 ounces in 2015. The Company is pursuing brownfield development projects at its Wassa and Prestea mines that are expected to transform these mines into lower cost producers from 2016 onwards. As such, Golden Star offers investors leveraged exposure to the gold price in a stable African mining jurisdiction with significant development upside potential.

For further information regarding Golden Star’s Mineral Reserves and Mineral Resources, see Golden Star’s Annual Information Form for the year ended December 31, 2013, available on SEDAR at www.sedar.com.

For further information, please visit www.gsr.com or contact:

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Source: Golden Star Resources Ltd.