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## **Guyana Goldstrike Receives Interpretation Report of Airborne Geophysics Survey, Marudi Gold Project, Guyana**

February 28, 2019 – Vancouver, Canada – Guyana Goldstrike Inc. (the “**Company**” or “**Guyana Goldstrike**”) (TSXV:GYA, OTC:GYNAF, FSE:1ZT) is pleased to announce it has received the report on geophysical interpretation of the airborne magnetic and radiometric surveys on its Marudi Gold Project ("Marudi" or the "Property") located in the Guiana Gold Belt, Guyana, South America.

### **REPORT HIGHLIGHTS**

- **Direct measurement on drill core from previous campaigns correlates strongest magnetic susceptibility from quartzite-metachert, the primary host rock for mineralization**
- **3D magnetic inversion confirms direct spatial association of known Au mineralization at Mazoa Hill and Marudi North with strong magnetic responses**
- **Brownfields targets identified adjacent to and at depth at Mazoa Hill which could add to current mineral resource**
- **Less than 10% of the strike length of the Mazoa Hill magnetic horizon has been drilled, the remaining ~5km strike length is considered underexplored**
- **Magnetic anomalies along Toucan Ridge correlate to anomalous Au from surface trenching and offer additional drill targets**
- **Numerous greenfield targets based on magnetic responses exist, recommended for surface trenching or shallow drilling to upgrade**

*Mr. Peter Berdusco, President and CEO states, “The geophysics interpretation has greatly advanced our understanding of the controls on gold mineralization on the Marudi Gold Project and identifies priority targets to both expand the known mineral resource and discover new occurrences.”*

### **MAGNETICS AS FUNDAMENTAL EXPLORATION TECHNIQUE**

Magnetic and radiometric surveys are the norm in mineral exploration for basic geological mapping and drill target identification. Recent advances in interpretation include NASVD processing of radiometrics and calibration to elemental abundances, and most significantly 3D inversion of magnetics.

3D inversion of magnetics involves iteratively changing the physical properties (magnetic susceptibility) of each cell in a 3D matrix until the computed result matched the observed data. 3D inversion is computationally intensive, given the large number of matrix elements and the number of parameters,

which was time consuming and limited by the power of PCs, but is now available commercially from offsite Cloud computing technology.

The results of 3D magnetic inversion is a complete image of the subsurface distribution of magnetic susceptibility, which by measurement on representative rock samples can be directly related to the geology. The 3D picture is critical in understanding the geological controls on mineralization, especially in structurally complex areas.

On Marudi, it is well known from previous drilling the primary host rock for gold mineralization is quartzite-metachert. Thick vegetation cover and deep tropical weathering profile made surface geological mapping of limited value. The 3D inversion results have correlated mineralization in the Mazoa Hill and Marudi North occurrences directly to rock with high magnetic susceptibility, that are correlated by the physical property measurements on core to the quartzite-metachert host rock.

### DIRECT CORRELATION OF MINERALIZATION WITH MAGNETICS

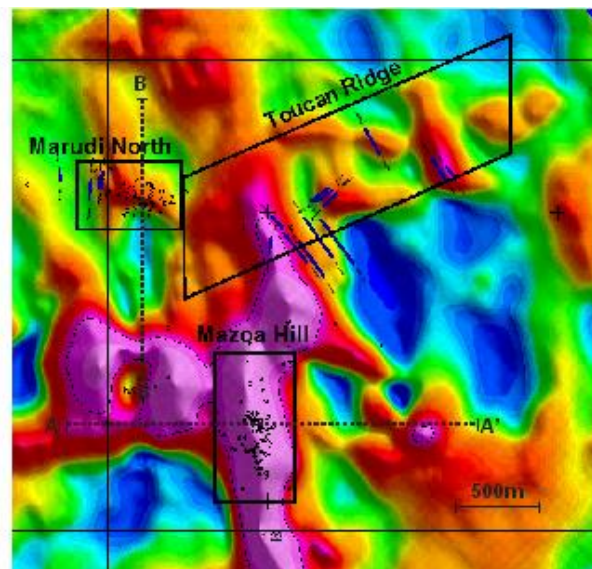
The geophysical survey confirms the direct correlation at large scale of mineralization at Mazoa Hill with a band of strong magnetic susceptibility.



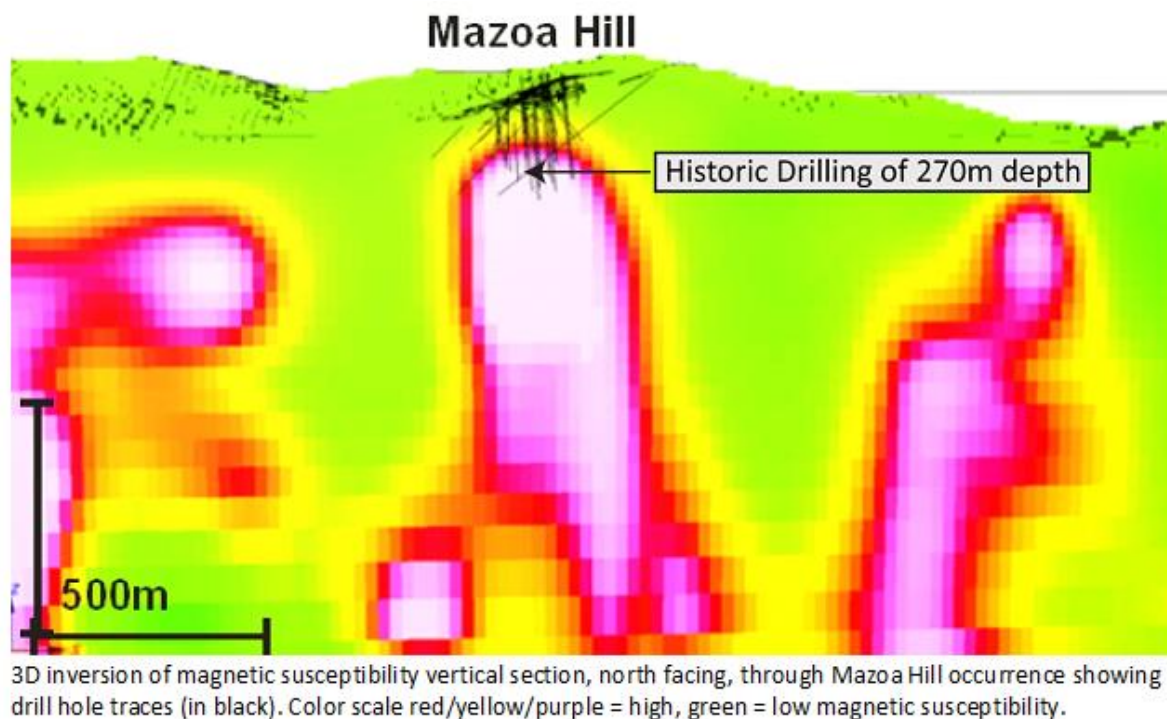
Quartzite-metachert from Trench TTR-18-17 – millimetre scale banding of magnetite within massive quartzite



BIF from Trench TTR-18-17 (interval 42.80-45.80m)—classic banded haematite-chert iron formation (BIF), haematite after magnetite in weathering profile



Apparent magnetic susceptibility map of Mazoa Hill, Marudi North occurrences and Toucan Ridge exploration area showing drill hole collars and surface trench location. Color scale red/purple = high, blue/green = low, magnetic susceptibility.



## EXPLORATION GOING FORWARD

Three types of geophysical targets have been identified for further investigation: along strike and deeper than the known mineralization (Mazoa Hill and Marudi North), to expand the known mineral resource; under the anomalous Au assay results from trenching at the Toucan Ridge exploration area; and numerous magnetic anomalies of similar character across the Property. The targets near the known mineralization from previous drilling and trenching are ready for the next stage of detailed modelling to optimize logistics and trajectories for drilling, whereas targets farther afield would require trenching or shallow drilling to rank prospective targets.

The geophysical interpretation report also recommends further analysis of multi-element ICP analyses on core as a vector to mineralization, relogging of core to differentiate banded iron formation (BIF) within the quartzite-metachert, and additional physical property measurements (density, radiometrics) on core, all to refine the exploration model.

## MINERAL RESOURCE ESTIMATE AT MAZOA HILL ZONE

The Mazoa Hill Zone contains the Company's current mineral resource estimate. The Toucan Ridge area is located approximately one kilometre north of the Mazoa Hill zone. Data analyzed suggests that the mineralized zone is open at depth and to the southeast. Mazoa Hill zone mineral resource estimates:

- 259,100 indicated gold ounces within 4,428,000 tonnes grading 1.80 g/t;
- 86,200 inferred gold ounces within 1,653,000 tonnes grading 1.60 g/t

For further information regarding the resource estimates, readers are encouraged to review the technical report "*Marudi Property Mazoa Hill Mineral Resource Estimate*", available under the Company's profile on SEDAR.

## **QUALIFIED PERSONS**

The independent Qualified Person responsible for preparing the report "*Interpretation Report, Airborne Geophysics, Marudi Gold Project, Guyana for Guyana Goldstrike Inc*" is Mr. S.R. McMullan, P.Geo. Mr. McMullan is a Qualified Person under the terms of National Instrument 43-101 for the purposes of this report and is independent of the Issuer.

Other scientific and technical information in this news release has been reviewed and approved by Mr. Locke B Goldsmith, M.Sc, P.Eng, P.Geo., Chief Geologist and Exploration Manager of Guyana Goldstrike Inc, a Qualified Person under the terms of National Instrument 43-101. Mr. Goldsmith is not independent of Guyana Goldstrike.

## **ABOUT MARUDI GOLD PROJECT**

The Company is developing the Marudi Gold Project located in Guyana, South America. The project has 18-year mining license in good standing, all-season road access, infrastructure in place, with an established camp serviced by employees, service buildings, and a full-time camp manager. The Property has three known gold bearing areas: the alluvial areas, the saprolite, and the underlying hard-rock.

There has been 42,000 metres of historic diamond drilling (141 holes) completed on the project by prior operators that have delineated two zones of mineralization: Mazoa Hill and Marudi North zones. The Company has recently completed a mineral resource estimate on the Mazoa Hill zone and discovered a third mineralized zone: Toucan Ridge. This zone was the current focus of the Company's 2018 trenching program. There exists excellent exploration upside for the further discovery of mineralized zones through the development of previously and newly identified mineralized bedrock targets on the project.

For information concerning the mineral resource estimate and the project, readers are encouraged to review "Technical Report: Marudi Property Mazoa Hill Mineral Resource Estimate", a technical report prepared for the Company by Global Mineral Resource Services and is available at [http://www.guyanagoldstrike.com/images/pdf/43101\\_Report\\_Guyana\\_Goldstrike\\_Mazoa\\_Hill\\_Zone\\_Jan\\_2018.pdf](http://www.guyanagoldstrike.com/images/pdf/43101_Report_Guyana_Goldstrike_Mazoa_Hill_Zone_Jan_2018.pdf) and under the Company's profile on SEDAR [www.sedar.com](http://www.sedar.com).

## **ABOUT GUYANA**

The Republic of Guyana is located in South America adjacent to Suriname. The country is English speaking and under British Common Law with a democratically-elected government. It has an established mining act and a rich history of gold production. In 2016, 690,000 ounces of gold was produced by operators mining in the country. The Fraser Institute's 2016 Annual Survey of Mining listed Guyana as the third best mining jurisdiction with regards to investment attractiveness in the Latin America and Caribbean Basin sub-group. The Guiana Shield is the geographic gold-hosting region, and is world-recognized as a premier gold region that is highly prospective, under-explored and has geological continuity with West Africa.\* In 2016, two mines in Guyana declared the commencement of commercial production: the Aurora deposit (Guyana Goldfields) and the Karouni deposit (Troy Resources).

\* Independent Technical and Environmental Review Karouni Gold Project - Guyana, Behre Dolbear Australia Pty Ltd, April 29, 2016

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On behalf of the Board of Directors of

**GUYANA GOLDSTRIKE INC.**

Peter Berdusco  
President and Chief Executive Officer

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