



# BENJAMIN HILL

MINING CORP

**FOR IMMEDIATE RELEASE**

**CSE: BNN**

OCTOBER 13, 2021

## **BENJAMIN HILL UPDATES ON INTERPRETATION OF GEOPHYSICAL SURVEY DATA SUGGESTING PRESENCE OF FERTILE PLUTONIC SOURCE**

**Vancouver, British Columbia (October 13, 2021) - Benjamin Hill Mining Corp. (CSE: BNN) (OTCBB: BNNHF) (“BHM” or the “Company”)** is pleased to report the recently mapped seven-kilometer-long epithermal mineralization trend present on the property is related to a well-defined magnetic anomaly.

The reprocessing of historical geomagnetic survey data has identified a magnetic anomaly that extends 12.5km in length by 4km in width and covers the western portion of the property. Figure 1 illustrates the location of the large magnetic high and plots the location of mineralized structures on the property.

Figure 2 is a regression plot of the magnetic survey. The map illustrates a series of outcropping bimodal dikes mapped on the property that intrude plutonic rocks and to a lesser extent, a sedimentary and siliciclastic sequence. Figure 2 also shows faults and lineaments that BHM geologists interpreted from the regression and from available aerial photography of the property.

Our hypothesis explains that the magnetic anomaly corresponds to a partially exhumed fertile pluton. We suggest the mineralization seen at surface was driven by the heat engine of a buried pluton providing hydrothermal fluids that formed mineralized tabular bodies enriched with Au, Ag, and Cu (i.e. veins and breccias), as well as fluids that caused hydrothermal alteration halos (phyllic, epidote-magnetite and argillic alteration) as seen on the property.

**Greg Bronson, President of Benjamin Hill Mining Corp states:** *“The addition of the geomagnetic survey to our knowledge base supports our thinking that the mineralization seen at surface may be related to a mineralized porphyry at depth”.*

### **About Benjamin Hill Mining Corp.**

Benjamin Hill Mining Corp. is a Canadian-listed junior gold exploration company focused on exploring and developing projects in Mexico. The Company’s Sonora Gold project covers 6,000 ha of highly prospective mineral concessions in the Caborca gold belt of Sonora, Mexico in close proximity to Magna Gold Corp’s San Francisco mine.

### **Qualified Person**

Greg Bronson, P.Geol, President and Director of the Company is a qualified person as defined by National Instrument 43-101 and has reviewed and approved the scientific and technical disclosure in this news release.

On behalf of the Board of Directors  
“Cole McClay”, CEO Benjamin Hill Mining Corp.  
info@benjaminhillmining.com

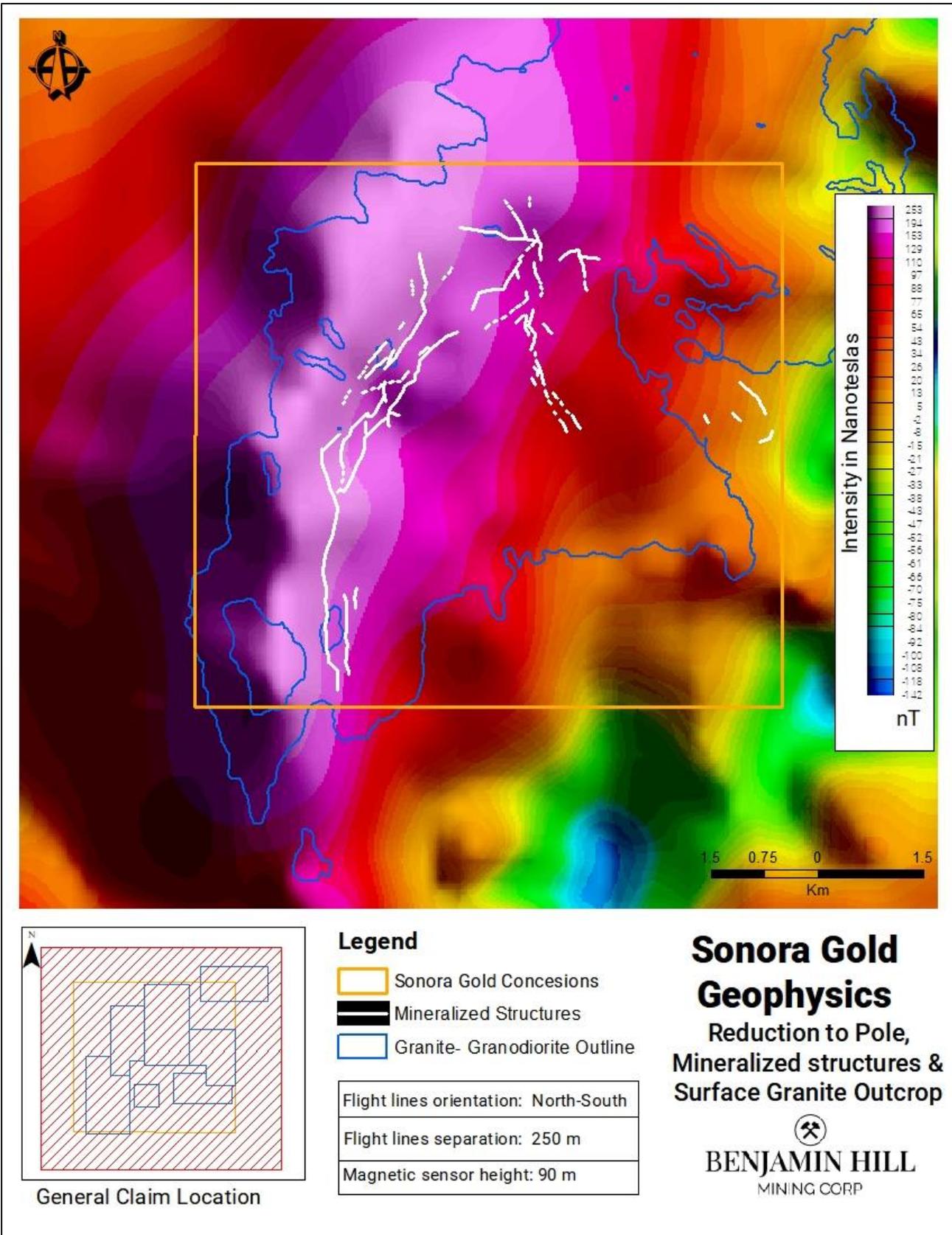


Figure 1. Residual Magnetic Field Map of the Sonora Gold Property

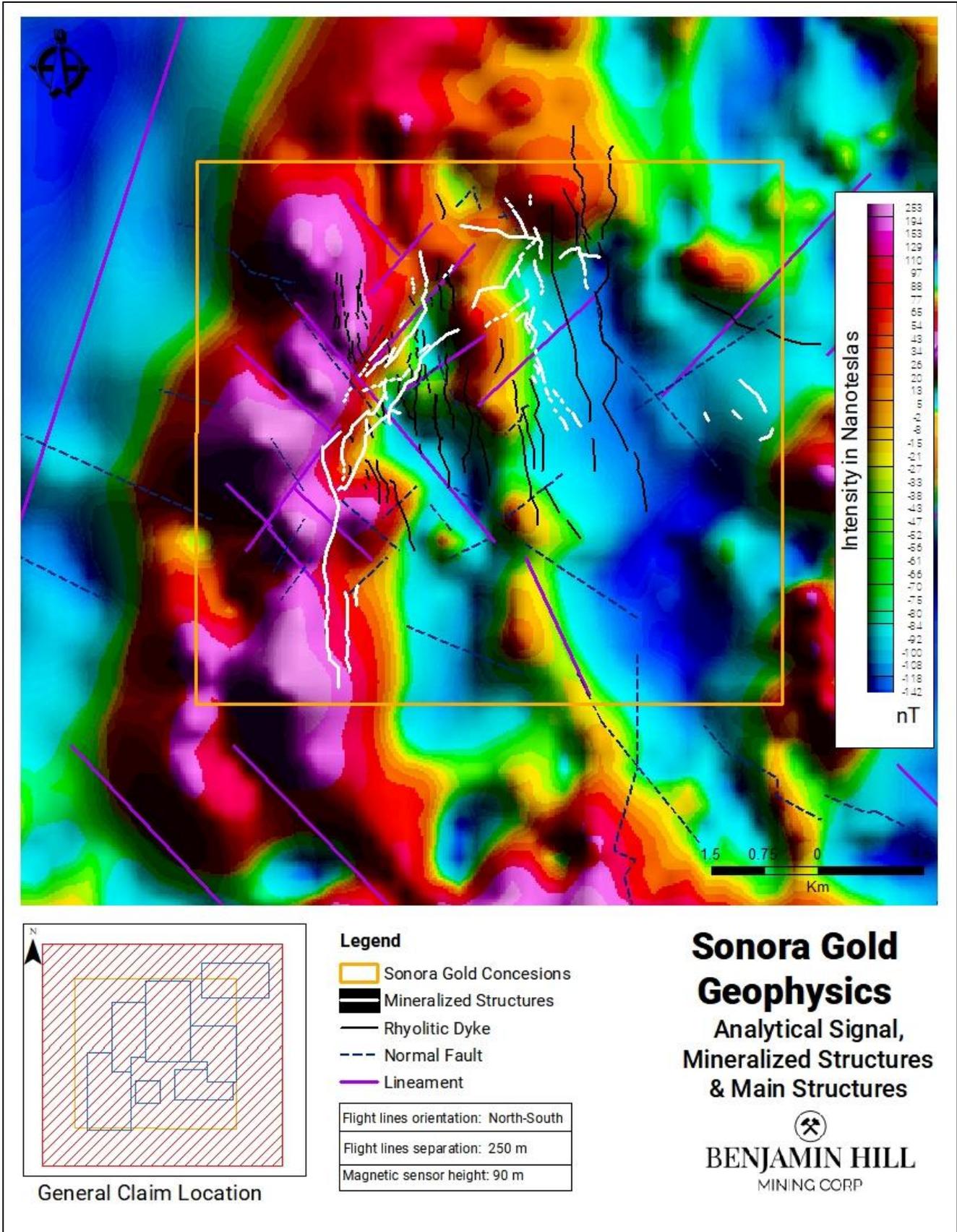


Figure 2. Regression Plot of Magnetic Survey Data

## **Forward Looking Statements**

Certain of the statements made and information contained herein may contain forward- looking information within the meaning of applicable Canadian securities laws. Forward-looking information includes, but is not limited to, information concerning the Company's intentions with respect to the development of its mineral properties. Forward-looking information is based on the views, opinions, intentions and estimates of management at the date the information is made, and is based on a number of assumptions and subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those anticipated or projected in the forward-looking information (including the actions of other parties who have agreed to do certain things and the approval of certain regulatory bodies). Many of these assumptions are based on factors and events that are not within the control of the Company and there is no assurance they will prove to be correct. There can be no assurance that forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. The Company undertakes no obligation to update forward-looking information if circumstances or management's estimates or opinions should change except as required by applicable securities laws, or to comment on analyses, expectations or statements made by third parties in respect of the Company, its financial or operating results or its securities. The reader is cautioned not to place undue reliance on forward-looking information. We seek safe harbour.