Blue Star Acquires Another High-Potential Gold Target Area: Avalliq Property with Abundant High-Grade Gold Prospects

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Vancouver, June 10, 2025 - <u>Blue Star Gold Corp.</u> (TSXV: BAU) (OTCQB: BAUFF) (FSE: 5WP0) ("Blue Star" or the "Company"), a leading explorer in Canada's North, is excited to announce the expansion of the Roma Project through the staking of a significant new property, the Avalliq property, located in the West Kitikmeot Region of Nunavut. This property is particularly compelling due to its quality gold prospects and strategic location, being less than two kilometres east of the proposed Grays Bay Road, which could significantly enhance future access and infrastructure development for the property (Figure 2).

Highlights

- MOV prospect is very similar to the Roma Main target with historical trenching outlining a 2-metre-wide vein over 100 metres of strike; vein width samples average 8.4 grams per tonne gold (g/t Au)
- Silver Bullet prospect visible gold; grab samples to 186.1 g/t Au; historical drill intercept 1.0 metre @ 13.4 g/t Au
- Black Ice prospect channel samples up to 11.4 g/t Au (11,370 ppb)
- Cygnet Northern prospect +10 g/t Au grab samples at surface
- The last known work in the area occurred more than 20 years ago (2005), when the average gold price was ~USD\$450/oz. versus the current gold price of +USD\$3,300/oz.
- Near drill-ready targets identified for follow-up exploration program

"The expansion of our Roma Project with the staking of the Avalliq property adds a new, highly prospective and target-rich area to our exploration pipeline," said Grant Ewing, CEO of Blue Star, "The high-grade gold grabs at surface, historically trenched high-grade MOV target, and numerous untested geophysical anomalies, suggest that we have added substantial discovery potential to our land position in the High Lake Belt. Furthermore, the proximity to the proposed road, less than two kilometres to the west, improves the accessibility of this property and positions us well for future development. We are looking forward to advancing this property to evaluate its full potential."

Discussion of the Avalliq Property

The newly staked Avalliq property encompasses four significant gold prospects, including MOV, Silver Bullet, Cygnet Northern and Black Ice as discussed below. Rock units on the property include mafic to intermediate and intermediate to felsic volcanic units intruded by synvolcanic gabbro on the west and turbidites on the east. Both units are truncated in the north by a large granitoid body. Known gold showings are hosted in a dacitic to felsic volcanic rock package in a general northeast trend and in shallow dipping quartz veins hosted in diorite-granodiorite intrusive units. The latter style of mineralisation is very similar to Blue Star's Roma Main target. Blue Stars Avalliq property covers 1,111.9 hectares of prospective ground. (Figure 1).

Historical Work

The Avalliq property encompasses the northern portion of the historical BHP Cygnet Claims and the Echo Bay Mining Grumpy Claims. In 1984 Echo Bay discovered an auriferous quartz vein (the MOV vein, Plate 1) which led to detailed mapping, and a geochemical and geophysical work program, culminating in a

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trench-based resource estimation and a recommendation to drill that was never implemented (AR083662). BHP Minerals Canada carried out reconnaissance traverses in the area in 1986, 1987, and 1989. This initial work was documented by BHP in 1991 (AR083662) and consisted initially of reconnaissance traverses followed by grid establishment for mapping, mag-VLF and prospecting.

Plate 1: Field Photographs of Silver Bullet (left) and MOV Prospect (right); Hammer is 40 cm in Length.

To view an enhanced version of this graphic, please visit: https://images.newsfilecorp.com/files/2421/255010_56c72fda44970b1d_001full.jpg

Work by BHP in 1993 and 1994 (AR083412) successfully identified two additional auriferous zones - Silver Bullet and Black Ice which are ~750 metres apart and lie along a northeast-trending shear structure that has been traced for ~3 kilometres. The MOV vein lies along a sub-parallel structure ~2.5 kilometres northeast of Silver Bullet (Figure 1).

The Silver Bullet zone is characterized by shear-hosted quartz vein in dacite/intermediate volcanics, traced over an 80-metre strike (Plate 1). Visible gold was noted in the vein which ranges from 0.5 - 1.5 metres in width. Chip samples returned grades from 1.43 g/t to 123 g/t Au over widths of 0.15 - 1.0 metre. One drill hole was completed into the Silver Bullet vein in 1995, resulting in 13.4 g/t Au over 1.04 metres. This result was never followed up with a subsequent program.

The Black Ice zone consists of several parallel to subparallel shear-hosted quartz veins with a strike length of 180 metres. Channel sampling completed by BHP returned grades ranging from 79 ppb to 11.4 g/t Au over widths of less than 0.5 metres. Four drill holes in 1995 tested the Black Ice structure with the best intercept of 13.7 g/t Au over 0.76 metres.

The Cygnet Northern prospect is defined by BHP sampling from 1989-1991 (AR083662) which returned 52% of the samples >1 g/t Au and 10% of the samples >10 g/t Au in an apparent northeast trend; inferred to be the northern extension of the Cygnet trend to the southwest. Samples were collected as grabs and chip samples across altered dacite and quartz carbonate veins associated with arsenopyrite and galena.

In 2004 Pure Gold Minerals reported on a Fugro 'Resolve' airborne electromagnetic survey, ground geophysical surveys (UTEM), sampling and detailed mapping of select prospects (AR084667, AR084864). In total 170 rock samples including 114 chip and channel samples were collected. Approximately 25% of the samples contained highly anomalous concentrations of gold from 1 g/t to a high of 186.1 g/t. The highest grades were returned from the Silver Bullet vein.

Recent Work

Blue Star's work consisted of data compilation in 2022 and 2023; ground truthing of known showings and magnetic survey interpretation on the Cygnet claims to the south in 2023; and prospecting the magnetics interpretation and a field visit to the MOV, Black Ice and Silver Bullet prospects in 2024; no field follow-up has yet been undertaken on the Cygnet Northern zone. The 2024 samples confirmed historical grades at the MOV, Silver Bullet, and Black Ice showings. Historical showings were as described by previous operators with some sample markers still in place at the MOV trench area, and at the Black Ice and Silver Bullet prospects.

Next Steps

Blue Star is committed to advancing this exciting target-rich property. Initial work programs would include SkyTEM airborne electromagnetics and magnetics surveys, detailed stratigraphic and alteration mapping, and sampling select areas to advance the prospects to drill-ready targets for subsequent work programs.

Historical sampling is documented within the references and appears to follow industry standards as

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accepted at the time of the work; no review of the historical sampling was completed by the Blue Star Qualified Person. Blue Star samples are grab samples, which are selective by definition, and were delivered under chain of custody to ALS Geochemistry in Yellowknife, NT for sample preparation which are then forwarded to ALS Canada Inc. in North Vancouver, BC for final analysis. Samples are prepared using code PREP-31 (crushing and pulverising) and analysed using codes Au-AA26 (50-gram fire assay with atomic absorption finish) and ME-MS61 (48 element four acid digestion with ICP-MS finish). Over limits for non-gold elements are ore grade four acid digestion with ICP-AES finish. The QAQC program for prospecting consists of regular insertion of certified reference materials (CRMs) resulting in a one in 20 sample insertion rate.

Darren Lindsay, P. Geo. and Vice President Exploration for Blue Star, is a Qualified Person under National Instrument 43-101 ("NI 43-101") and has reviewed and approved the technical information contained in this news release.

Figure 1: Known Target Areas on Avalliq Property; Surface Grabs and Mineralisation Trends.

To view an enhanced version of this graphic, please visit: https://images.newsfilecorp.com/files/2421/255010_56c72fda44970b1d_002full.jpg

Figure 2: Location Map of Avallig Property on Blue Star's Roma Project.

To view an enhanced version of this graphic, please visit: https://images.newsfilecorp.com/files/2421/255010_56c72fda44970b1d_003full.jpg

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About Blue Star Gold Corp.

Blue Star is a mineral exploration and development company focused in Nunavut, Canada. Blue Star's landholdings total 300 square kilometres of highly prospective and underexplored mineral properties in the High Lake Greenstone Belt. The Company owns the Ulu Gold Project, comprised of the Ulu Mining Lease and Hood River Property, and the Roma Project. A significant high-grade gold resource exists at the Flood Zone deposit (Ulu Mining Lease), and numerous high-potential exploration targets (gold and critical minerals) occur throughout the Company's extensive landholdings, providing Blue Star with excellent resource growth potential. The site of the future deep-water port at Grays Bay is 40 - 100 km to the north of the properties, and the proposed route corridor for the all-weather Grays Bay Road passes close by the Roma and Ulu Gold Projects.

Blue Star is listed on the TSX Venture Exchange under the symbol: BAU, the U.S. OTCQB Venture Market under the symbol: BAUFF, and on the Frankfurt Exchange under the symbol: 5WP0. For information on the Company and its projects, please visit our website: www.bluestargold.ca.

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Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are based only on our current beliefs, expectations, and assumptions regarding the future of our business, plans and strategies, projections, anticipated events and trends, the economy, and other future conditions. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks, and changes in circumstances that are difficult to predict and many of which are outside of our control. Our actual results and financial condition may differ materially from those indicated in the forward-looking statements. Therefore, you should not rely on any of these forward-looking statements. Important factors that could cause our actual results and financial condition to differ materially from those indicated in the forward-looking statements include, among others, the following: economic and financial conditions, including volatility in interest and exchange rates, commodity and equity prices and the value of financial assets, strategic actions, including acquisitions and dispositions and our success in integrating acquired businesses into our operations, developments and changes in laws and regulations, including increased regulation of the mining industry through legislative action and revised rules and standards applied by the regulatory bodies in Nunavut, changes in the price of fuel and other key materials and disruptions in supply chains for these materials, closures or slowdowns and changes in labour costs and labour difficulties, including stoppages affecting either our operations or our suppliers' abilities to deliver goods and services to us, as well as natural events such as severe weather, fires, floods and earthquakes or man-made or other disruptions of our equipment, and inaccuracies in estimates of mineral resources and/or reserves on our mineral properties.

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