

Northstar Completes Diamond Drill Program at Miller Copper-Gold Property New 15.76 Metre Copper Zone Discovery

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Vancouver, January 9, 2025 - [Northstar Gold Corp.](#) (CSE: NSG) ("Northstar" or the "Company"), is pleased to announce the recent completion of a 7 hole, 1,465 metre diamond drill program at the Company's 100%-owned Miller Copper-Gold Property, situated 18 kilometres southeast of Kirkland Lake, Ontario. Wijiwaagan Drilling Limited Partnership, a partnership between Boart Longyear and Matachewan First Nation, conducted the program between November 23rd and December 12th, 2024.

Northstar drilling targeted near-surface copper-gold-silver volcanogenic massive sulphide (VMS) mineralization and associated EM, IP and magnetic geophysical anomalies over a 1,000 metre southeast strike extension of the historic, direct-shipping high-grade Cam Copper Mine (Please see Northstar News Release Dated May 16, 2024). In late November, 2023, Northstar drilling intersected a number of discrete high-grade VMS copper horizons at Cam Copper Mine, including 14.8% copper over 2.45 metres in Zone 2 (See Northstar News Release dated Nov. 23, 2023). The Company expects to begin reporting preliminary drill results by late January, 2025.

New 15.76 Metre Copper Zone Discovered 500 Metres Southeast of Cam Copper Mine (Fig. 1)

Northstar drill hole CC-07 discovered near surface, sub-seafloor replacement-style chalcopyrite mineralization in multiple horizons over a core length of 15.76 metres (47.24m to 63m), 500 metres southeast of Cam Copper Mine Zone 2. Chalcopyrite mineralization is observed to be associated with multiple gabbro intrusive contacts within a sequence of mafic to intermediate bedded tuffs. The CC-07 copper mineralization drill hole intercept occurs 45 metres below and 20 metres along strike from a recently sampled, historic 3 metre-wide surface trench with massive chalcopyrite and bornite mineralization assaying up to 17.9% copper and 16.2 g/t silver (Please see Northstar News Release dated July 18, 2024). This new copper zone remains completely open along strike and at depth.

While assay results from drill hole CC-07 are pending receipt, visual assessment of this important new style of copper mineralization south of Cam Copper Mine, on its own merit, warrants near-term follow-up and step-out drilling.

Figure 1 Miller Copper-Gold Property Cam Copper Trend Drill Hole Plan Map

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/6839/236529_0af33ee844a13ad6_002full.jpg

Additional 2024 Diamond Drill Program Observations

- Almost every drill hole in the 2024 program intersected multiple bands of massive to semi-massive sulphide or stringer-type sulphide mineralization proximal (or in direct contact) with pervasive sericite-altered layers of intrusive gabbro sills and mafic / intermediate tuffs. This implies gabbro intrusives are the likely metal and heat source for most of the observed VMS sulphide mineralization on the Miller Copper-Gold Property.

This newly recognized association between gabbro bodies of various dimensions and copper mineralization adds considerable geological potential to the Property, as gabbro intrusives are known to be expansive and prolific along strike and at depth, including areas higher in the metavolcanic sequence that have yet to be explored.

- Observations of chalcopyrite mineralization replacing magnetite in drill hole CC-07 is a common Besshi-type vent area / intrusive contact feature discovered in other locations globally. Examples include the world class Windy Craggy deposit in British Columbia, Shikoku Island deposit in Japan, and Outokumpu deposits in eastern Finland.
- Re-logging of 2023 Cam Copper Mine drill holes CC-01 to CC-04 confirms broad, thick areas of lensoidal gabbro bodies in the footwall of Zone 2 exhibit a strong positive correlation with grade x thickness of overlying copper-rich VMS lenses. The gabbro lenses appear to be expanding with depth, with the primary Zone 2 lens extending a minimum of 100 metres along strike to the southeast of DDH CC-03 (14.8% Cu over 2.45m). The Zone 2 horizon and the underlying 30-metre-wide gabbro body remain open in multiple directions.
- Documented 2023 and visual 2024 Cam Copper diamond drill results confirm the combination of detailed ground geophysical surveys, prospecting and trenching is an effective means to define near-surface VMS and replacement-style copper drill targets and discoveries at the Miller Copper-Gold Property. Follow-up exploration will include detailed magnetic surveying, detailed MMI geochemical surveying and additional drilling in 2025.

Qualified Person

Elizabeth Vida, P.Geo., is a Qualified Person as defined by National Instrument 43-101. Ms. Vida has reviewed the technical information in this news release and approves the written disclosure contained herein.

About Northstar

Northstar's primary exploration focus is to advance and expand the near-surface, Allied Gold Zone bulk-tonnage gold-telluride deposit and more recently discovered VMS copper mineral deposits on the Company's flagship, 100%-owned Miller Copper-Gold Property. The Company's strategy is to develop a material (+1M ounce gold / high-grade copper) mineral resource base to supplement a nearby mining operation or support stand-alone mining operations at the Property.

Recently Signed Gold and Copper MOUs

Northstar recently signed two MOUs to advance the Company's Miller Intrusive Complex gold and Cam Copper Zone 2 VMS copper exploration and development projects, respectively, at the Miller Copper-Gold Property. On September 19th, 2024, Northstar announced signing a MOU with China-based Hunan Nonferrous with intentions to possibly secure a minority stake in the Miller Intrusive Complex gold deposits by funding up to 10,000 meters of expansion diamond drilling. Due to unforeseen visitor visa complications, Hunan technical representatives are now positioning to obtain Canadian visitor visas for an early spring, 2025 due diligence property visit. This visit is a requirement to establish a Cooperative Agreement providing for collaborative exploration and development of the Miller Intrusive Complex gold targets (Please see Northstar- Hunan MOU News Release dated September 19, 2024).

On October 3rd, 2024, Northstar announced it had signed a MOU with Novamera Inc., setting terms for Novamera to secure the necessary financing to Surgically Mine™ high-grade copper at Cam Copper Mine, subject to the definition and permitting of an economic deposit. This includes a multi-staged program (the "Surgical Mining™ Program") to test and extract material from the copper-rich, near vertical Zone 2 VMS horizon. (Please see Northstar-Novamera MOU News Release dated October 3, 2024). In late 2024, Northstar commissioned Chris Keech of CGK Consulting Services Inc., to develop a geological block model to provide the basis for Novamera's Stage 1 mining estimation Scoping Study. The results of this study are expected next month.

Other Properties

Northstar has 3 additional 100%-owned exploration projects in northern Ontario, including the 1,150 ha Rosegrove Property, situated 0.5 km from the Miller Property, the 4,650 ha Bryce Gold Property (includes the recently optioned Britcanna Lease), an intrusive-gold / PME VMS project located along the projected east extension of the Ridout Break, and the Temagami-Milestone Cu-Ni-Co Critical Minerals Property located

in Strathcona Township. Northstar is seeking exploration partners to advance all 3 properties.

On behalf of the Board of Directors,

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President, CEO and Director
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Cautionary Note Regarding Forward-Looking Statements

All statements, other than statements of historical fact, contained in this news release constitute "forward-looking information" within the meaning of applicable Canadian securities laws and "forward-looking statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 (referred to herein as "forward-looking statements"). Forward-looking statements include, but are not limited to, disclosure regarding the completion of the Offering and potential gross proceeds to be raised pursuant thereto, the receipt of all applicable regulatory approvals, the prospective nature of the Company's property interests, exploration plans and expected results, conditions or financial performance that is based on assumptions about future economic conditions and courses of action; planned use of proceeds, expenditures and budgets and the execution thereof. Generally, these forward-looking statements can be identified by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate" or "believes", or the negative connotation thereof or variations of such words and phrases or state that certain actions, events or results, "may", "could", "would", "will", "might" or "will be taken", "occur" or "be achieved" or the negative connotation thereof.

All forward-looking statements are based on various assumptions, including, without limitation, the expectations and beliefs of management, the receipt of applicable regulatory approvals, availability of financing, the assumed long-term price of gold, that the current exploration and other objectives concerning its mineral projects can be achieved and that its other corporate activities will proceed as expected; that the current price and demand for gold will be sustained or will improve; the continuity of the price of gold and other metals, economic and political conditions and operations; the prospective nature of the Company's properties, availability of financing, and that general business and economic conditions will not change in a materially adverse manner.

Forward-looking statements are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of NSG to be materially different from those expressed or implied by such forward-looking statements, including but not limited to: risks and uncertainties related to the completion of the Offering as presently proposed or at all, the failure to obtain all applicable regulatory approvals; actual results of current exploration activities; environmental risks; future prices of gold; operating risks; accidents, labour issues and other risks of the mining industry; delays in obtaining government approvals or financing; and other risks and uncertainties. These risks and uncertainties are not, and should not be construed as being, exhaustive.

Although NSG has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. In addition, forward-looking statements are provided solely for the purpose of providing information about management's current expectations and plans and allowing investors and others to get a better understanding of our operating environment. Accordingly, readers should not place undue reliance on forward-looking statements.

Forward-looking statements in this news release are made as of the date hereof and NSG assume no obligation to update any forward-looking statements, except as required by applicable laws.

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