



NEWS RELEASE

Arizona Gold & Silver Discovers 10 Metre Epithermal Quartz Vein Within 35.37 Metre Mineralized Quartz Vein Breccia at Philadelphia Project, Arizona

Vancouver, British Columbia, August 14, 2025 – Arizona Gold & Silver Inc. (TSXV: AZS) (OTCQB:AZASF) announces further positive results from the on-going core drilling program at the Philadelphia Project in Arizona. Core hole PC25-156 has intersected approximately 10 metres (“m”) of unbrecciated banded and massive vein quartz within a 35.7m intercept of quartz vein and quartz vein breccia. This is the first time a drill hole has been deep enough to intersect intact vein with the classic epithermal vein textures typical of the high grade deposits known in the nearby Oatman mining camp, 10 kms south of the property. Furthermore the new drill intercept represents a 59% increase in true thickness over drill hole PC25-155 that cut the zone 60m up dip (see News Release dated August 6, 2025).



Crenulation banding in yellow and brown quartz

Greg Hahn, VP Exploration reports: *“This drill hole confirms our geological modelling. My understanding of this low sulphidation epithermal system predicted that with depth the system would be wider and potentially much higher grade as we penetrate the “boiling zone” of the system. We continue to see a decrease in bladed calcite and an increase in quartz replacement of bladed calcite.*

“In addition, the interior of the unbrecciated vein displays classic epithermal textures including finely layered banding of colloform layering and thin alternating compositional banding. Yellow quartz dominates the upper part of the intercept and green, gray, and brown quartz dominate the lower portion of the vein intercept. This is also a feature we have never witnessed in drill core before. In short we believe the vein system has the potential to rapidly open up into high-grade zones capable of delivering substantially increased grades.

Greg Hahn continues *“The intercept reported here is at +300m depth in the vein system and remains open down-dip. Assuming symmetry across the dip extent drilled our modeling predicts this vein will continue down dip for another +/- 300m at least. Demonstrating the continuity of this vein along a strike length of 1 kilometre would establish a very significant discovery.”*



Light green quartz replacing yellow quartz

True thickness of intercepts in PC25-156 are approximately 64% of drill thickness. Core from drill hole PC25-156 has been delivered to Skyline Labs in Tucson for sawing, sampling, sample preparation and assaying."

QA/QC

All core holes are HQ sized. All core samples are sawed in half as stipulated by the project geologist, with one half sampled at designated intervals for assaying and the other half preserved for further studies. Once sampled, the individual samples go through crushing, splitting, pulverizing and further splitting before a sample split is delivered for assaying. All core sawing, sample preparation and assaying are conducted by Skyline Laboratories, an ISO 9001 certified independent lab. Core was trucked to Skyline Labs in Tucson, Arizona. All material handling is done under a strict chain of custody protocol. Gold is determined by fire assay with an AA finish and silver is determined by four-acid digestion and ICP-MS methods within a 31-element suite. Samples returning greater than 5ppm gold are re-assayed with a gravimetric finish.

The Company maintains its own program of inserting Standard Reference material in the form of standards and blanks to the sampling stream, prior to being shipped to Skyline Labs in Tucson, Arizona, in addition to the independent QA/QC protocols of Skyline Labs.

Qualified Person

Gregory Hahn, VP-Exploration and a Certified Professional Geologist (#7122) 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.

About Arizona Gold & Silver Inc.

Arizona Gold & Silver Inc. is a leading exploration company focused on uncovering precious metal resources in Arizona and Nevada. With a commitment to sustainable practices and innovative exploration techniques, the company aims to drive value for stakeholders while prioritizing environmental stewardship. The flagship asset is the Philadelphia gold-silver property where the Company is drilling off an epithermal gold-silver system ahead of an initial resource calculation.

On behalf of the Board of Directors:

ARIZONA GOLD & SILVER INC.

Mike Stark, President and CEO, Director

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CAUTION CONCERNING FORWARD-LOOKING STATEMENTS

This news release includes certain forward-looking statements or information. All statements other than statements of historical fact included in this release are forward-looking statements that involve various risks and uncertainties. Forward-looking statements in this news release include statements in relation to the timing, cost and other aspects of the 2024 exploration program; the potential for development of the mineral resources; the potential mineralization and geological merits of the exploration properties; and other future plans, objectives or expectations of the Company. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from the Company's plans or expectations include the risk that actual results of current and planned exploration activities, including the results of the Company's 2025 drilling program(s) on its properties, will not be consistent with the Company's expectations; the geology, grade and continuity of any mineral deposits and the risk of unexpected variations in mineral resources, grade and/or recovery rates; fluctuating metals prices; possibility of accidents, equipment breakdowns and delays during exploration; exploration cost overruns or unanticipated costs and expenses; uncertainties involved in the interpretation of drilling results and geological tests; availability of capital and financing required to continue the Company's future exploration programs and preparation of geological reports and studies; delays in the preparation of geological reports and studies; the metallurgical characteristics of mineralization contained within the exploration properties are yet to be fully determined; general economic, market or business conditions; competition and loss of key employees; regulatory changes and restrictions including in relation to required permits for exploration activities (including drilling permits) and environmental liability; timeliness of government or regulatory approvals; and other risks detailed herein and from time to time in the filings made by the Company with securities regulators. In connection with the forward-looking information contained in this news release, the Company has made numerous assumptions, including that the Company's 2025 programs would proceed as planned and within budget. The Company expressly disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise, except as otherwise required by applicable securities legislation.
