

# American Pacific Identifies New Geological Anomalies Revealed in Underground Workings in Advance of Drill Program at Madison Copper-Gold Project

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[American Pacific Mining Corp.](#) (CSE: USGD) (OTCQX: USGDF) (FSE: 1QC1) ("American Pacific", or the "Company") is pleased to announce a compelling new geological observation from ongoing exploration work at its Madison Copper-Gold Project ("Madison" or the "Project") in Montana resulting in the successful application of a "fugitive calcite" black-light technique in newly revealed underground workings, which has contributed to an increased understanding of the mineralizing system at Madison. Recent fieldwork has taken advantage of a short seasonal window of greater underground access made possible by lower water levels revealing an additional 150 feet of newly exposed ramp access.

American Pacific's geological team has successfully deployed ultraviolet (black-light) scanning to search for "fugitive calcite" a technique learned from renowned exploration geologist Dr. Peter Megaw. Under black light, certain calcite populations fluoresce, providing a powerful discriminator within a sea of visually similar non-fluorescent veins. At Madison, this work has already identified at least one distinct population of fluorescing veins (see Image 2) among numerous non-glowing vein sets. When these veins are plotted on stereonet, they offer an additional layer of structural information that can further refine vectors toward both porphyry and carbonite replacement deposit ("CRD") targets. This supports the working hypothesis that Madison may host a cluster of porphyries-multiple sources rather than a single "textbook" center-and provides a new toolset to help unravel this unique mineralizing system.

"The use of ultraviolet lights to detect fugitive calcite is a skill learned while working underground in Utah with Dr. Megaw," commented Managing Director of Exploration, Eric Saderholm. "The fluorescence in the calcite indicates the presence of trace amounts of manganese and lead, both of which are indicators of carbonate replacement that can be associated with skarn, CRD and the presence of distal porphyry mineralization. Fugitive calcite represents "exhaust" proximal to where sulfide mineralization has formed containing stronger metal concentrations. It is a simple and inexpensive, yet highly effective tool for this type of mineral exploration."

Image 1. Fugitive Calcite being illuminated by ultraviolet (black-light) (left); and Fugitive Calcite being illuminated by ultraviolet (black-light) in the newly exposed area of Madison's underground (right)

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

[https://images.newsfilecorp.com/files/10322/287783\\_eefce6b444c5e9ba\\_001full.jpg](https://images.newsfilecorp.com/files/10322/287783_eefce6b444c5e9ba_001full.jpg)

American Pacific will provide further updates as additional data are collected, interpreted and integrated into the broader Madison exploration model.

## Qualified Person

The scientific and technical content of this press release has been reviewed, prepared and approved by Eric Saderholm, P.Geo., and Managing Director of Exploration for American Pacific who is a "Qualified Person" as defined by NI 43-101.

About American Pacific Mining Corp.

American Pacific Mining Corp. is a precious and base metals explorer and developer focused on

opportunities in the Western United States. The Company's flagship asset is the 100%-owned past-producing Madison Copper-Gold Project in Montana. For the Madison transaction, American Pacific was selected as a finalist in both 2021 and 2022 for 'Deal of the Year' at the S&P Global Platts Metals Awards, an annual program that recognizes exemplary accomplishments in 16 performance categories. Through a 2025 transaction with Vizsla Copper, American Pacific has established a major equity position milestone upside exposure to the advanced exploration stage Palmer Copper-Zinc VMS Project in Alaska. Also, in American Pacific's portfolio are several high-grade, precious metals projects located in key mining districts in Nevada, some on which the Company intends to transact. The Company's mission is to provide shareholders discovery and exploration upside exposure across its portfolio through partnerships, spin-outs and direct exploration.

American Pacific is incorporated pursuant to the laws of British Columbia and its head office is located at Suite 910 - 510 Burrard Street Vancouver, BC, V6C 3A8.

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Full disclosure can be found in our NI 43-101 Technical Report for the Madison Project at [www.americanpacificmining.com](http://www.americanpacificmining.com).

The Canadian Securities Exchange has neither approved nor disapproved the contents of this news release.

## FORWARD-LOOKING STATEMENTS

This news release includes certain statements and information that constitute forward-looking information within the meaning of applicable Canadian securities laws. All statements in this news release, other than statements of historical facts, are forward-looking statements. Such forward-looking statements and forward-looking information specifically include, but are not limited to, statements that relate to the completion of the transaction, and timely receipt of all necessary approvals.

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