

# Tectonic Reports 27.9 g/t Au Rock Sample with Visible Gold Representing a Third Style of Gold Mineralization at Tibbs Gold Project

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Three distinct styles of gold mineralization now observed at Tibbs including Fort Knox-style intrusion-hosted sheeted gold-quartz veins

VANCOUVER, Dec. 21, 2020 - [Tectonic Metals Inc.](#) (TSX-V: TECT; OTCQB: TETOF) ("Tectonic" or the "Company") today announced mapping, prospecting, and sampling results from the Tibbs Gold Project ("Tibbs") including a 27.9 grams per tonne ("g/t Au") rock grab sample of granodiorite cut by sheeted quartz veins containing visible gold ("VG"). This material represents a new style of gold mineralization at Tibbs and is reminiscent of Fort Knox-style mineralization observed at the adjoining Star Resources (ASX: NST) Brink gold prospect ("Brink"), where historical 2013 diamond drilling returned 0.427 g/t Au over 1.3 metres ("m"). The Brink drill intercept is situated within a multi-kilometre mineralized trend that extends onto the Tibbs property. The property shares the same granodiorite host rock, sheeted gold-quartz vein mineralization, and gold-arsenic-bismuth-tungsten geochemical signature as the recently collected Tibbs rock grab samples. Three distinct styles of gold mineralization are now observed: 1) Pogo-style high-grade gold-quartz veining at the Gray Lead prospect; 2) Intrusion-hosted disseminated sulphides and gold-quartz-stibnite-arsenopyrite veining at the Michigan and Upper/Lower Trench prospects; and 3) Fort Knox-style intrusion-hosted sheeted gold-quartz-bismuthenite veins at the Jorts and Hilltop prospects.

Eric Buitenhuis, VP Exploration, commented, "While conducting our 2020 drilling program at Tibbs, a team of geologists was deployed to map and prospect our two newly acquired Native-Owned Carrie Creek blocks, contiguous with Tibbs to the south. Our prospecting results demonstrate a new style of mineralization and, significantly, a much greater distribution of gold mineralization than historically known or expected. The presence of Fort Knox-style sheeted veins at the newly expanded property represents a third style of intrusion-related gold mineralization on Tectonic's ground, confirming the presence of a well-developed mineralizing system and providing an additional avenue for exploration targeting."

## Tibbs Gold Property - Prospecting Highlights

- Prospecting at Tibbs focused on the two newly acquired Carrie Creek blocks, located to the immediate north and east of the original Tibbs Gold Project and situated on Native Owned Land belonging to Doyon, Limited, one of Alaska's largest Regional Corporations and the largest private landholder in the State of Alaska.
- A total of 115 rock grab samples were collected at Tibbs during the 2020 prospecting program.
- Tectonic's 2020 prospecting campaign identified the Jorts and Jeans Ridge prospects in the underexplored southwest of Tibbs. Rock grab samples at Jorts returned values from trace to 27.9 g/t Au, with fine grained (0.5-1mm) VG associated with bismuthenite in sheeted quartz veins cutting granodiorite (Click here for image).
- Grab samples from Jeans Ridge, located 1.3 km northeast of Jorts, returned values from trace to 2.5 g/t Au.
- Gold mineralization in rock grabs at Jorts and Jeans is associated with high levels of bismuth (trace to 513 parts per million ("ppm")) and tungsten (trace to >100ppm, overlimit).
- Mineralization at Jorts and Jeans extends along a ~4 km northeast trend and is on-trend with mineralization found at the southwest, which hosts Fort Knox-style gold-bearing sheeted quartz veins and veinlets.
- The prospecting program conducted this season represents the first exploration work completed at the two Carrie Creek blocks in over 20 years.

For additional information regarding the Tibbs property, please see details [here](#) and maps [here](#).

## Qualified Person & QA/QC

Tectonic's disclosure of a technical or scientific nature in this press release has been reviewed, verified and approved by Eric Buitenhuis, M.Sc., P.Geo., Tectonic's Vice President Exploration, who serves as a Qualified Person under the definition in NI 43-101.

The analytical work for the 2020 rock sampling program was performed by Bureau Veritas Laboratories ("BV"), an international

recognized and accredited analytical services provider, which is independent of Tectonic. All rock samples were prepared using procedure PRP70-250 (crush, split, and pulverize 250g to 200 mesh) at BV's Fairbanks, Alaska facility. Samples were then sent to the Vancouver, Canada, where they underwent analysis for gold by method FA430 (30-gram Fire Assay fusion with an atomic absorption finish (AAS)). Samples returning >10 g/t Au were re-analyzed using method FA530-Au (30g Fire Assay with an atomic absorption finish). Following this, a 15g pulp was sent to the Vancouver, British Columbia lab for an aqua regia Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-ES/MS) analysis for 36 elements using method AQ201. Quality Assurance and Quality Control procedures include the systematic insertion of blanks and standards into the sample string at a rate of approximately 1/10. Samples are placed in sealed bags and shipped directly to the BV preparation facility in Fairbanks, Alaska.

#### About Tectonic

[Tectonic Metals Inc.](#) is a mineral exploration company created and operated by an experienced and well-respected technical and financial team with a track record of wealth creation for shareholders. Key members of the Tectonic team were involved in the acquisition of Kaminak Gold Corporation, the company that raised C\$165 million to fund the acquisition, discovery and advancement of the Coffee Gold Project in the Yukon Territory through to the completion of a bankable feasibility study before selling the multi-million-ounce gold project to Goldcorp Inc. (now Newmont Goldcorp) for C\$520 million in 2016.

Tectonic is focused on the acquisition, exploration, discovery, and development of mineral resources from district-scale mineral deposits in politically stable jurisdictions that have the potential to host world-class orebodies.

Tectonic believes that responsible mineral exploration and development can positively impact the communities in which the company lives and operates and is committed to early and ongoing community engagement, best practices in environmental stewardship and the development of a strong safety culture. Whether at home or at work, the Tectonic team is grounded in the following core values: passion, integrity, patience, focus, perseverance, honesty, fairness, accountability, respect, and a growth mindset. The company works for its shareholders and is committed to creating value for them.

On behalf of [Tectonic Metals Inc.](#),

Tony Reda

President and Chief Executive Officer

For further information about Tectonic Metals Inc. or this news release, please visit our website at [www.tectonicmetals.com](http://www.tectonicmetals.com), contact Bill Stormont, Investor Relations, at toll-free 1.888.685.8558 or by email at [info@tectonicmetals.com](mailto:info@tectonicmetals.com).

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Certain information in this news release constitutes forward-looking information and statements under applicable securities laws. Any statements that are contained in this news release that are not statements of historical fact may be deemed to be forward-looking statements. Forward-looking statements are often identified by terms such as "may", "should", "anticipate", "expect", "intend" and similar expressions and include, but are not limited to, statements with respect to the potential for mineralization at Tectonic's projects, benefits of the acquisition of properties, and any future exploration activities. The company makes no representation or warranty regarding the accuracy or completeness of any historical data from prior exploration activities undertaken by others other than the company and has not taken any steps to verify, the adequacy, accuracy or completeness of the information provided herein and, under no circumstances, will be liable for any inaccuracies or omissions in any such information or data, any delays or errors in the transmission thereof, or any loss or direct, indirect, incidental, special or consequential damages caused by reliance on this information or the risks arising from the stock market.

Forward-looking information is not a guarantee of future performance and is based upon a number of estimates and assumptions made by management at the date the statements are made including, among others, assumptions about future prices of gold and silver, metal prices, currency exchange rates and interest rates, favourable operating conditions, political stability, obtaining government

