Tectonic Metals Completes Record Drill Program at Flat, Advances Five Pillars of Growth Toward Major 2027 Milestones

Multiple Growth Catalysts Ahead with Maiden Mineral Resource Estimate, Preliminary Economic Assessment, Resource Expansion, High-Grade Black Creek Discovery and Emerging District-Scale Targets

VANCOUVER, B.C., November 17, 2026 – Tectonic Metals Inc. ("**Tectonic**" or the "**Company**") (**TSX-V: TECT; OTCQX: TETOF**) is pleased to announce the completion of its largest field program to date with **a record 31,000 metres ("m") in 170 holes drilled during the 2026 season** at the Company's flagship 99,840-acre Flat Gold Project ("Flat") in southwest Alaska, U.S.

The record program, representing a 70% increase in metres drilled year-over-year, comprised 55 diamond and 115 reverse circulation ("RC") holes to support Tectonic's five strategic pillars set at the outset of 2026. Through targeted drilling and exploration, technical studies, site readiness, and close collaboration with local partners and stakeholders, the Company made significant progress across all areas designed to drive shareholder value and position Flat for a transformational 2027:

1. Chicken Mountain expansion and growth
2. District-scale regional discovery and drilling
3. Maiden Mineral Resource Estimate ("MRE") targeted for Q1 2027
4. Project de-risking and infrastructure expansion
5. Preliminary Economic Assessment ("PEA") targeted for Q2 2027

Maggie Layman, Vice President, Exploration, commented:

"2026 has been a defining year for Tectonic and our flagship Flat Gold Project with a record 31,000 m drilled in 170 holes, putting us on track to deliver our maiden Mineral Resource Estimate and Preliminary Economic Assessment in 2027. Our exploration efforts have also increased our geological understanding of a significant gold system, intersecting high-grade gold at Chicken Mountain, Alpha Bowl and Black Creek, while generating new targets across the Flat district.

"Beyond drilling, we demonstrated our builders' mindset, investing heavily in infrastructure and upgrades to our camp, roads, airstrip and equipment. These improvements will strengthen our operational capacity, support longer field seasons and lay the groundwork for eventual year-round operations in Alaska."

"None of this would have been possible without our team's steadfast commitment to health, safety and environmental responsibility. We are incredibly proud of what we accomplished and are grateful for the hard work and dedication of our employees, contractors, Doyon and local partners, whose collective efforts made this year a success."

Advancing the 2026 Five Pillars of Growth

1. Chicken Mountain Expansion and Growth Drilling

Chicken Mountain was the primary focus of the 2026 drill program, accounting for the majority of the 31,000 m drilled across 170 holes, primarily dedicated to resource delineation and expansion ahead of the planned maiden MRE. The program also included step-outs along strike, width and depth, as well as targeted drilling to expand higher-grade corridors and evaluate potential starter pits:

- **Defined footprint:** Drilling has defined continuous mineralization extending 3.3 kilometres ("km") along strike, 700 m in width and to a vertical depth of 300 m. The system remains open in all directions (see Figures 1 and 2).
- **Newly recognized style of mineralization:** Drilling at the Adit Zone, a priority gold-bearing corridor at Chicken Mountain, identified mineralization associated with previously unrecognized hydrothermal breccias and intrusive contacts. This has expanded Tectonic's understanding of the controls on mineralization, with assays pending for follow-up holes drilled at 100 m spacing to test the breccia's extent.
- **High-grade corridors for future starter pit evaluation:** A near-surface intercept at Alpha Bowl, the northern extension of Chicken Mountain, returned 2.41 grams per tonne gold ("g/t Au") over 59.44 m including 11.82 g/t Au over 10.67 m (see press release dated October 15, 2026). The hole ended in mineralization, leaving the intersection open for follow-up drilling. Together with higher-grade intervals and at- or near-surface mineralization at Adit Zone, results to date support further evaluation of potential starter-pit opportunities across both areas.

2. District Scale Regional Discovery and Drilling

Drilling conducted during the year also provided evidence of a second gold system within the Flat district. Together with a comprehensive regional soil sampling program, this work will help define future drill targets and further expand the Company's exploration pipeline:

- **Black Creek high-grade discovery with significant untested potential:** Drilling from the 2025 and 2026 programs intersected gold mineralization in 17 of 18 holes at Black Creek, highlighted by CMR26-159, which returned 5.61 g/t Au over 41.15 m (see press release dated November 2, 2026). Over 85% of Black Creek's 1,500 m x 700 m gold-in-soil anomaly remains untested and is situated within a larger 1.5 km x 2.5 km geophysical anomaly interpreted to represent an intrusive centre. Black Creek has become a high-priority target, with additional drilling planned to evaluate its potential to host a mineral resource at Flat.
- **Regional exploration opportunity:** A regional soil sampling program was carried out across Black Creek, Caribou, Jam, Horseshoe, and Chicken Mountain South and East (see Figure 3). Results from pending assays will be integrated with geological and geophysical datasets to refine interpretations and advance high-priority targets toward drill readiness in 2027.

3. Maiden Mineral Resource Estimate (Q1 2027)

Compilation of all technical datasets has been completed and approximately 50,000 m of the Company's total drilling at Chicken Mountain is expected for inclusion in the upcoming maiden MRE. Work is progressing across two key fronts:

- **Geological modelling:** The structural, lithological and geochemical data collected in 2026 have significantly advanced the understanding of the mineralization's geometry, continuity and controls, which will inform resource domains and grade continuity, as well as highlight opportunities for future resource growth.
- **Independent Qualified Person ("QP") retained:** The Company has engaged an independent QP to oversee and author the MRE, with a formal site visit completed and resource modelling work progressing on schedule.

4. Project De-risking and Infrastructure Expansion

Tectonic continues to systematically advance Flat from exploration toward district-scale development, investing in infrastructure, environmental programs and early permitting aimed at reducing risk and increasing operational efficiency:

- **Permitting:** Continued proactive regulatory and stakeholder engagement activities to support future exploration and development.
- **Environmental programs:** Advanced baseline studies, including fish and wildlife monitoring, environmental data collection and regulatory planning.
- **Infrastructure expansion:** Made significant investments in camp and site infrastructure to support expanded field activities and position the project for eventual year-round operations. The Company utilized the airstrip located directly on the property to mobilize heavy machinery for road access improvements and acquired fuel trucks for on-site fuel supply. These investments will improve operational efficiency, streamline site logistics and help reduce operating costs going forward. A brand-new camp was also built alongside the existing facilities, expanding overall capacity to support a larger workforce and accommodate the anticipated growth in future project activities.

5. Preliminary Economic Assessment (Q2 2027)

Tectonic's 2026 field program was designed not only to support the Company's maiden MRE, but also to advance the Flat Gold Project toward its first PEA, targeted for Q2 2027. Throughout the season, the Company advanced and completed several key technical studies in support of these initiatives:

- **Geotechnical studies:** Completed two geotechnical drill holes to advance pit slope design, hydrogeological characterization and preliminary mine planning. Initial Acid Base Accounting ("ABA") and waste rock characterization work was also initiated.
- **Metallurgical testing:** Advanced the Company's 15-column heap leach test program, evaluating coarser crush sizes and potential run-of-mine ("ROM") processing scenarios. The program builds on previously reported gold recoveries of 96% and 91% from 0.75-inch (3/4") crushed material (see press release dated September 19, 2024).
- **Study initiation:** The Company is finalizing the engagement of an independent consulting team to prepare for the PEA.

Partnership with Doyon

Tectonic continued to work closely with Doyon, Limited ("Doyon"), an Alaska Native Regional Corporation and principal landowner at Flat, as well as a major shareholder of the Company. This partnership remains central to Tectonic's commitment to responsible exploration, local participation and long-term value creation in the region.

Local participation was a focus throughout the 2026 field season, with approximately 25% of the field workforce identifying as Alaska Native, including Doyon shareholders.

Through regular engagement, collaboration, and shared project objectives, Tectonic and Doyon continue to work together to advance Flat in a manner that supports both project success and long-term regional benefits.

Multiple Milestones and Catalysts Ahead

During 2026, Tectonic expanded its team across multiple disciplines, strengthening expertise in exploration, operations, permitting, stakeholder engagement and corporate leadership, enabling the Company to successfully deliver a program of this scale while maintaining a disciplined and focused approach to project advancement. With field operations now concluded, the Company is anticipating a large volume of technical data to support a series of near-term milestones and catalysts through the first half of 2027:

- **Robust assay pipeline ahead:** With roughly 25,000 m of drilling from over 120 holes currently pending assays, a steady stream of results is expected through the end of the year and into early 2027.
- **Metallurgical results:** Test results from 15 heap leach columns at Chicken Mountain are expected by the end of November.
- **Resource and economic studies:** A maiden MRE targeted for Q1 2027, followed by a PEA targeted for Q2 2027.
- **District expansion:** Regional soil sampling, geological mapping and other datasets will be integrated to refine and prioritize targets across the Flat district.
- **2027 planning:** Exploration and project advancement plans are currently underway for the 2027 field season.

Multimedia and Videos

- Watch Tectonic's year-end video highlighting the 2026 season at Flat here.
- View supplemental maps and figures here.

Figure 1: 2026 Collar Locations at Chicken Mountain

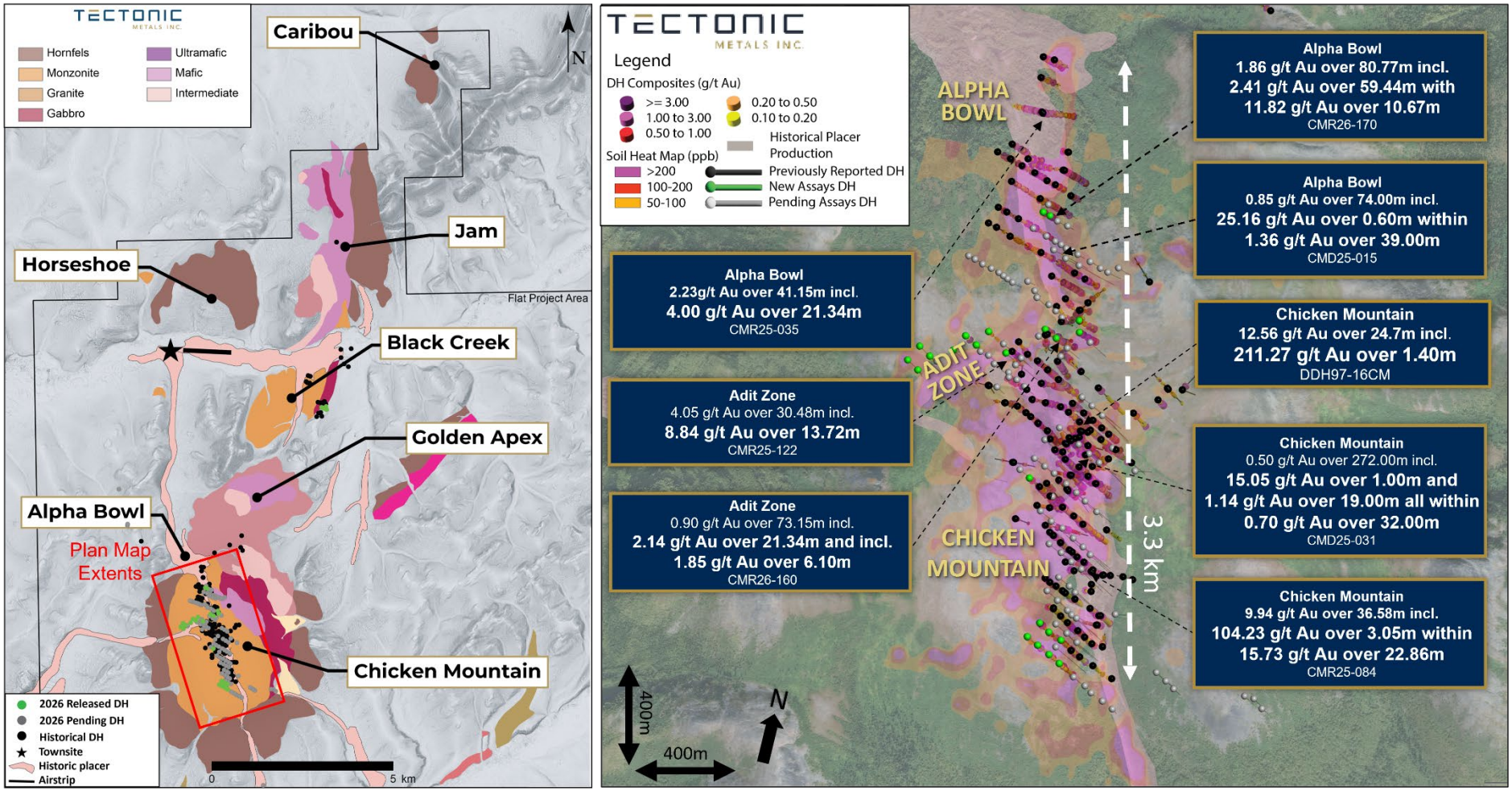
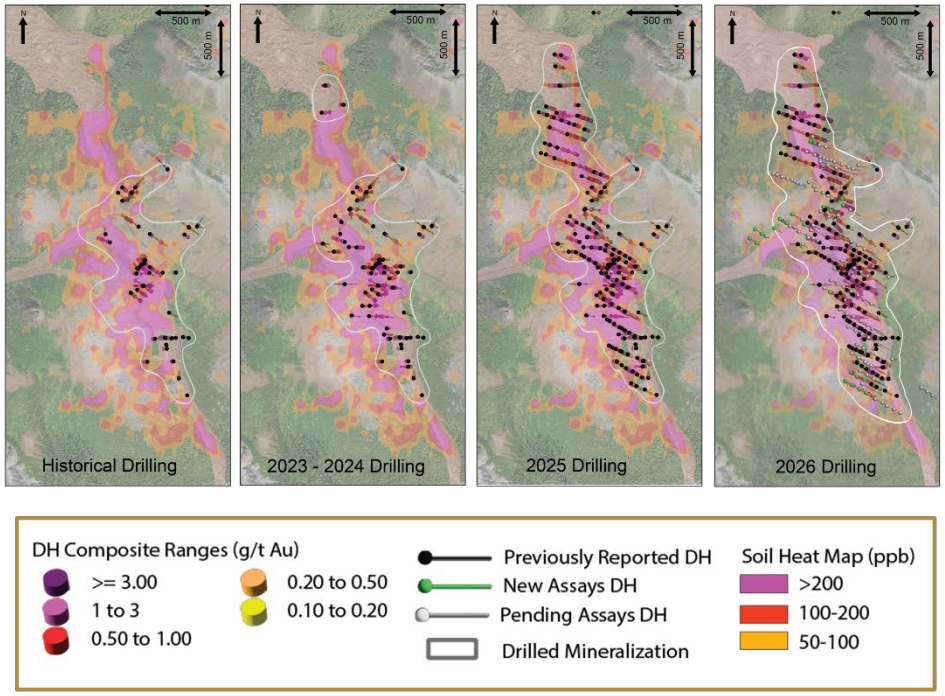


Figure 2: Tectonic Metals Drilling Through Time Plan View and Long Section



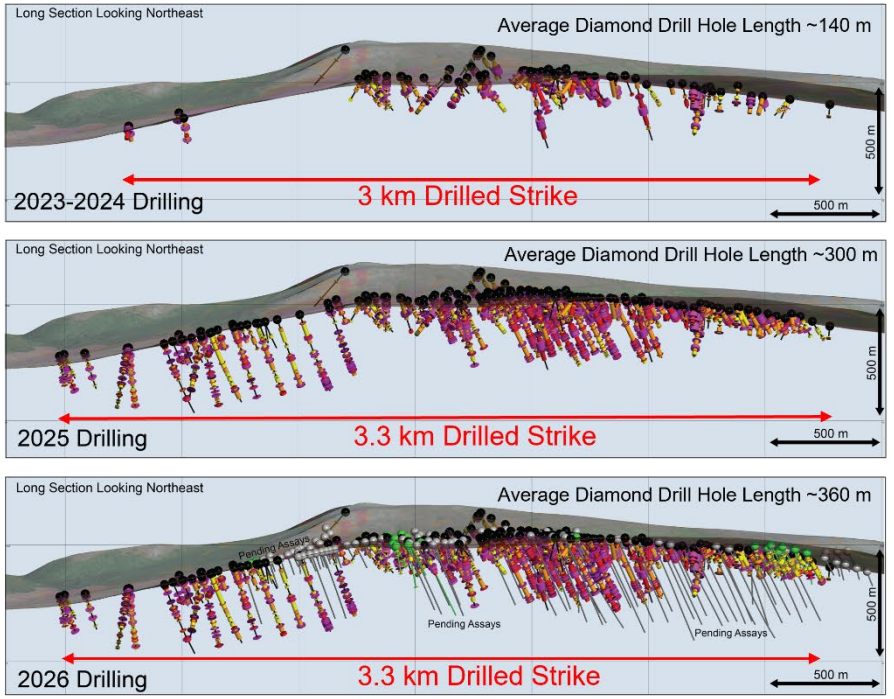
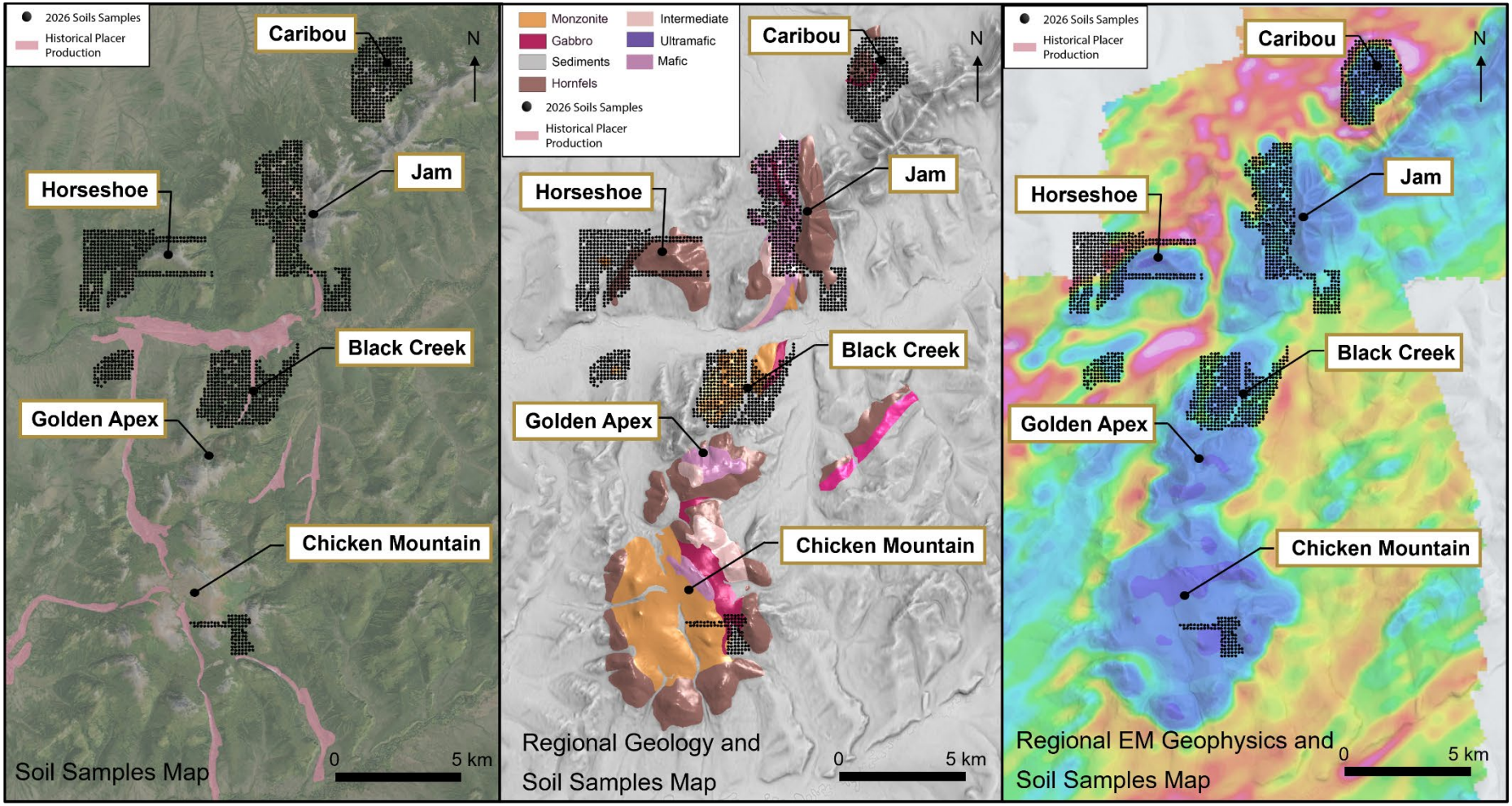


Figure 3: Soil Sample Location Map



Qualified Person
Tectonic Metals' disclosure of technical or scientific information in this press release has been reviewed, verified and approved by Peter Kleespies, M.Sc., P.Geo., Chief Geological Officer, who is a Qualified Person in accordance with Canadian regulatory requirements set out in National Instrument 43-101.

Analytical work for the 2026 Flat project drilling program was performed by ALS Global ("ALS"), an internationally recognized and accredited laboratory independent of Tectonic. On-site, core and reverse circulation samples were sealed in security-tagged bags and shipped under strict chain-of-custody protocols to the Lynden Transport logistics operator in Anchorage, Alaska, for delivery to ALS facilities in Vancouver, British Columbia.

Upon arrival at the laboratory, samples were dried, crushed to 2 mm and riffle split into nominal 500-gram subsample aliquots (prep codes CRU-31, SPL-32a). One portion was analyzed for gold using PhotonAssay™ (ALS code Au-PA01). PhotonAssay™ uses high-energy X-rays to determine gold content from a large sample aliquot, typically 500 g of crushed material. The method is non-destructive and is particularly suited to gold systems where larger sample aliquots may improve representativity. If additional nominal 500-gram PhotonAssay™ analysis splits are conducted for a given sample, results from all splits are combined on a weighted-average basis. A second portion was pulverized such that 85% of the sample passed 75 µm (PUL-31) and was analyzed by four-acid digestion with ICP-MS finish for 48 elements (ME-MS61), along with aqua regia digestion with ICP-MS finish for trace levels of mercury (Hg-MS42).

Quality assurance and quality control (QA/QC) protocols included the insertion of certified reference material every 20 samples, blank samples at a rate of one in every 25 samples and field duplicate samples (split from the original 1.5 m for RC or core sample intervals) every 25 samples. All QA/QC results returned values within acceptable limits.

About Tectonic Metals Inc.
Tectonic Metals Inc. is a mineral exploration company focused on exploring and developing its flagship Flat Gold Project in southwestern Alaska, covering 99,840 acres of predominantly Native-owned land belonging to Doyon, Limited, a leading Alaska Native Regional Corporation and one of Tectonic's largest shareholders. The current focus is on advancing the Chicken Mountain target, one of six multi-kilometre-scale intrusion zones at the Flat Gold Project, towards the Company's maiden Mineral Resource Estimate in Q1 2027 and Preliminary Economic Assessment in Q2 2027.

Founded by key members of the Kaminak Gold team behind the discovery and advancement of the Coffee Gold Project, which was acquired by Goldcorp for $520 million in 2016, Tectonic brings a proven track record in exploration, project advancement, capital markets and value creation. Collectively, the team has helped identify more than 40 million ounces of gold, advanced 20 projects through to feasibility, permitted 25 projects, completed over $6 billion in mergers and acquisitions and raised more than $6 billion in capital.

Tectonic's mission is to be a shift in the game: working for our shareholders and the communities where we operate, putting people first, playing big and staying true to our word every step of the way.

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 or contact: Keren Yun, Vice President, Investor Relations
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Cautionary Note Regarding Forward-Looking Statements, Historical Information and Visual Observations

This news release contains "forward-looking statements" and "forward-looking information" (collectively, "forward-looking statements") within the meaning of applicable Canadian securities laws. All statements herein that are not statements of historical fact may be deemed to be forward-looking statements. Forward-looking statements are often, but not always, identified by words such as "may," "will," "should," "anticipate," "believe," "expect," "intend," "plan," "estimate," "potential," "target," or similar terminology, or that events or conditions "may" or "will" occur.

Forward-looking statements in this release include, but are not limited to, statements regarding: the potential for mineralization at Tectonic's projects; the nature, scope and timing of future exploration activities and programs; the timing and completion of the Company's maiden Mineral Resource Estimate and Preliminary Economic Assessment; the timing and receipt of pending assay results from the 2026 exploration program; the timing and results of metallurgical testing; the interpretation of geological observations; the possible size or scale of mineralized systems; the receipt of regulatory approvals, and the anticipated benefits of current and future exploration programs.

This release may also refer to historical information, including results from past exploration activities and placer production figures. Any such historical information has not been independently verified by Tectonic, may not be reliable, and should not be relied upon as current, NI 43-101 compliant data.

In addition, this release may contain detailed geological notes, and descriptive observations such as alteration styles, mineralogy and visible gold. These observations are preliminary in nature, may not be representative of the entire interval or system, and should not be relied upon as a guarantee of mineralized assay results or as the basis for any investment decision. Investors and readers are cautioned that visual estimates, core photographs, and geological descriptions are not substitutes for laboratory assay results and do not demonstrate the economic viability of any mineral deposit.

Forward-looking statements are not guarantees of future performance. They are based on a number of assumptions made as of the date such statements are provided, including, among others: assumptions regarding future gold and other metal prices; currency exchange and interest rates; favourable operating and political conditions; timely receipt of permits and regulatory approvals; availability of labour, equipment, and services; stability of financial and capital markets; availability of financing on acceptable terms; accuracy of exploration data and geological models; and the ability to successfully advance planned exploration programs. Many of these assumptions are beyond the control of Tectonic and may prove to be incorrect.

Forward-looking statements are subject to known and unknown risks, uncertainties, and other factors that may cause actual results, performance, or achievements to differ materially from those expressed or implied. These risks include, without limitation: risks inherent to mineral exploration and development; volatility of commodity prices; changes in laws, regulations, and policies; delays or inability to obtain required approvals and permits; availability of financing; general economic, political, and market conditions; labour disputes and shortages; equipment and supply risks; environmental and social risks; competition; inaccuracies in exploration results or geological interpretations; and other risks detailed from time to time in the Company's continuous disclosure filings.

Although management believes the expectations expressed in such forward-looking statements are reasonable as of the date made, there can be no assurance they will prove to be correct. Readers are cautioned not to place undue reliance on forward-looking statements, historical information, or preliminary visual geological observations. Actual results and future events may differ materially from those anticipated. All forward-looking statements contained in this news release are expressly qualified by this cautionary statement. Tectonic disclaims any intention or obligation to update or revise forward-looking statements, whether as a result of new information, future events, or otherwise, except as required by applicable securities laws.

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