

Tectonic Metals Drills 4.05 G/T AU Over 30.48 Meters, Including 8.84 G/T AU Over 13.72 Metres at Flat Gold Project, Alaska

Chicken Mountain's Adit Zone Delivers Near-Surface High-Grade Gold with Expansion Potential

Assay Results Pending from 103 Additional Drill Holes Across Chicken Mountain, Alpha Bowl, Golden Apex, Black Creek and Jam Intrusion Targets

VANCOUVER, BC / [ACCESS Newswire](#) / December 22, 2025 / Tectonic Metals Inc. ("Tectonic" or the "Company") (TSX-V:TECT)(OTCQB:TETOF) today announced additional assay results from 11 drill holes completed during the 2025 drill campaign at Chicken Mountain and the Adit Zone, located within the Company's flagship ~99,800 acre Flat Gold Project ("Flat") in Southwest Alaska.

The 11 drill holes (9 reverse circulation ("RC") and 2 diamond core) reported herein represent approximately 1,460 m of drilling from the Company's 18,373 m, 125-hole, 2025 drill program across the Flat Gold Project. All drill holes intersected gold mineralization, with 10 of the 11 holes ending in mineralization, maintaining Tectonic's 100% drill-hit success rate at Flat.

The RC fence of drilling announced today intersects a **550-metre-wide mineralized section** that remains open in all directions highlighting the potential of the Adit Zone.

Assay results from 103 additional drill holes are currently pending and expected to be reported in Q1 2026. Tectonic will provide further updates as results are received and interpreted.

Please watch a video highlighting the scale and potential of the Adit Zone: [Click Here to View Video](#)

ADIT ZONE DELIVERS NEAR-SURFACE HIGH-GRADE GOLD

The Adit Zone represents a high-priority, 2 kilometre ("kms") long gold target within the Chicken Mountain intrusion. The zone is defined by a strong gold-in-soil anomaly coincident with a magnetic low, a geophysical signature commonly associated with hydrothermal alteration and gold mineralization at the Flat Project and in Reduced Intrusion-Related Gold Systems ("RIRGS").

The significance of the Adit Zone is further reinforced by its position flanked by three past-producing placer gold creeks - Happy Creek, Idaho Bench, and Slate Creek - which together produced approximately 206,400 ounces of placer gold*. This historical placer production is interpreted to have been shed from the Adit Zone's primary bedrock gold source (see Figure 1).

Highlighting the emerging potential of this zone, drill hole CMR25-121 intersected:

- **4.05 g/t Au over 30.48 metres**, including **8.84 g/t Au over 13.72 metres**
- Starting from 53.34 metres hole length and ending in mineralization

Peter Kleespies, M.Sc., P.Geo., Vice President of Exploration, commented:

"These results showcase the strength of the Chicken Mountain intrusion gold system. We are seeing a compelling combination of near-surface high-grade mineralization at the Adit Zone alongside broad, continuous zones of bulk-tonnage mineralization at Chicken Mountain. What's remarkable is that every time we test the limits of the system, whether along strike or at depth, we continue to intersect significant gold mineralization."

DRILL HIGHLIGHTS - CHICKEN MOUNTAIN'S ADIT ZONE

CMR25-121

- **38.10 g/t Au over 3.05 m**, within **8.84 g/t Au over 13.72 m**, within **4.05 g/t Au over 30.48 m**
- Reverse circulation drill hole ending in mineralization 1.88 g/t Au over 3.05 m; total hole length 103.63 m (refer to Table 1)

CMR25-110

- **2.30 g/t Au over 3.05 m**, and
1.10 g/t Au over 9.14 m , all within
0.44 g/t Au over 80.77 m
- Reverse circulation drill hole ending in mineralization 0.50 g/t Au over 6.10 m, total hole length 112.78 m (refer to Table 1)

KEY TAKEAWAYS

1. Adit Structure: A High-Priority, High-Grade Structural Corridor

- Located at a major structural contact between the Chicken Mountain (medium-grained monzonite) and Alpha Bowl zones (coarse-grained monzonite)
- Tectonic's current geological model identifies Adit as a key structural zone that was active during gold deposition, making it a prime location for the accumulation of higher-grade structures
- Defined by a 2 km geophysical and gold-in-soil trend flanked by historically mined placer gold drainages
- Current and historic drilling confirms mineralization over a 1 km strike length and to a depth of 200 m, with the system remaining open in all directions
- Current and historic drilling and trenching have yielded higher-grade results near the surface
- Upcoming drilling is designed to expand the known mineralization at Chicken Mountain toward the Northeast and Northwest, bridging the gap toward Alpha Bowl
- These results confirm the presence of near-surface high-grade gold mineralization within a broader bulk-tonnage intrusive-hosted system, supporting the potential for high-grade starter pit scenarios within an open-pit development framework.

2. Bulk-Tonnage, Open-Pit, with Emerging Higher Grade Starter Pit Potential and Vertically Extensive Gold System is in Play

- The RC fence drilling announced today intersected a 550-metre-wide mineralized section that remains open in all directions (See Figure 4 and video above)
- 3 km of mineralized strike length starting at surface (Chicken Mountain to Alpha Bowl, including the Adit Zone)
- Chicken Mountain continues to demonstrate scale and continuity - drilling continues to define a strong, large gold system both along strike, width and depth with consistent grade and thickness.

3. 100% Drill-Hit Success Rate Continues at Chicken Mountain

- 107 of 107 holes drilled to date and each drill hole has intersected gold mineralization
- 63 of 107 holes ended in gold mineralization
- Mineralization remains open at depth and is only constrained by drilled depth - not geology

4. Accelerating Toward Resource Definition

- Chicken Mountain is emerging as the primary path toward a maiden resource estimate at Flat

5. Geological Characteristics Consistent with RIRGS Models

- Alteration, geometry, and grade distribution are consistent with Reduced Intrusion-Related Gold System (RIRGS) models, including notable similarities to Kinross Gold Corporation (TSX: K, NYSE: KGC) Fort Knox Mine in Alaska

6. Heap Leaching Processing Potential - A Competitive Advantage

- Latest assay results continue to intersect oxidized to partially oxidized quartz monzonite consistent with lithologies used in prior Flat metallurgical test work, further reinforcing the heap-leach processing potential

7. A summary of the results for the 9 RC holes is presented in Table 1 and a summary of the two core results are presented in Table 2. Data pertaining to locations of drill holes included in the announcement are presented in Table 3.

To learn more about the 2025 Drill Programs, click here: [Tectonic Metals Delivers Record 18,372 Metres Across 125 Drill Holes at Flat Gold Project, Alaska](#)

[Click here to view drill plan maps and images](#) . Select images below:

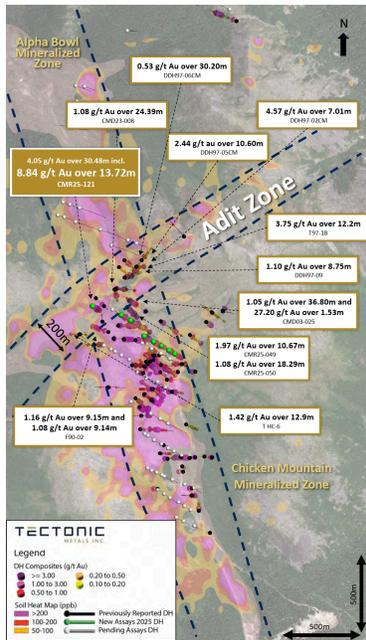


Figure 4: Cross Section C-C' showing the Adit Structure Long Section looking Northwest:
https://www.tectonicmetals.com/_resources/news/nr-20251222-Figure4.png

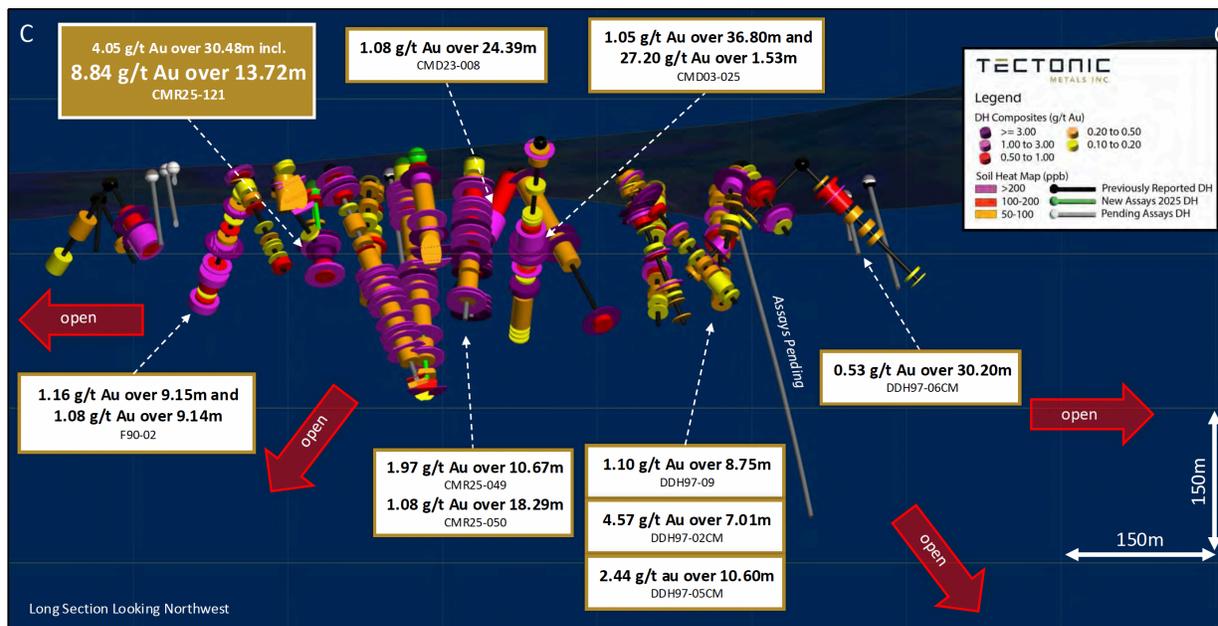


Table 1. Summary of Adit Zone Chicken Mountain RC Drill Assay Results*

Hole No.	From (m)	To (m)	Length (m)	Au g/t
CMR25-107	25.91	44.20	18.29	1.08
<i>including</i>	25.91	28.96	3.05	5.14
	57.91	70.10	12.19	1.00

<i>including</i>	57.91	64.01	6.10	1.87
	79.25	103.63	24.38	0.31
<i>including</i>	79.25	88.39	9.14	0.56
	128.02	132.59	4.57	0.36
CMR25-108	1.52	3.05	1.52	1.26
	38.10	44.20	6.10	0.61
	73.15	79.25	6.10	0.59
	83.82	91.44	7.62	0.42
CMR25-110	16.76	25.91	9.14	0.53
	32.00	112.78	80.77	0.44
<i>including</i>	33.53	36.58	3.05	2.30
<i>and including</i>	91.44	100.58	9.14	1.10
<i>and including</i>	106.68	112.78	6.10	0.50
CMR25-111	12.19	13.72	1.52	0.72
	18.29	22.86	4.57	1.42
	28.96	99.06	70.10	0.40
<i>including</i>	28.96	41.15	12.19	0.57
<i>and including</i>	54.86	64.01	9.14	0.51
<i>and including</i>	79.25	88.39	9.14	0.63
CMR25-113	3.05	28.96	25.91	0.45
<i>including</i>	4.57	7.62	3.05	0.69
<i>and including</i>	18.29	22.86	4.57	0.83
	33.53	108.20	74.68	0.24
<i>including</i>	41.15	48.77	7.62	0.68
<i>with</i>	45.72	47.24	1.52	2.45
<i>including</i>	103.63	106.68	3.05	0.80
CMR25-116	3.05	25.90	22.86	0.20
<i>including</i>	12.19	21.33	9.14	0.29
	30.48	65.52	35.04	0.29
<i>including</i>	32.00	36.57	4.57	1.11
CMR25-119	1.52	10.67	9.14	0.43
	19.81	103.63	83.82	0.34
<i>including</i>	38.10	53.34	15.24	0.59
<i>with</i>	44.20	53.34	9.14	0.81
<i>including</i>	65.53	73.15	7.62	0.50
<i>including</i>	89.92	103.63	13.72	0.53
CMR25-121	12.19	16.76	4.57	0.51
	53.34	83.82	30.48	4.05

<i>including</i>	60.96	74.68	13.72	8.84
<i>with</i>	60.96	64.01	3.05	38.10
	88.39	103.63	15.24	0.53
<i>including</i>	94.49	103.63	9.14	0.83
<i>with</i>	100.58	103.63	3.05	1.87
CMR25-122	45.72	47.24	1.52	0.74
	54.86	59.44	4.57	0.51

*All reported intercepts are reported as downhole lengths, as insufficient data exists to determine true widths. Select composites utilizing 0.10, 0.30 or 0.50 g/t Au cut-off with a maximum 3.1m continuous (two sample) below the cut-off inclusion.

Table 2. Summary of Adit Zone Chicken Mountain Core Drill Assay Results*

Hole ID	From (m)	To (m)	Length (m)	Au g/t
CMD25-022	20.00	33.00	13.00	0.44
<i>including</i>	21.00	28.00	7.00	0.54
	39.00	46.00	7.00	0.33
	51.00	54.00	3.00	0.84
	58.00	100.00	42.00	0.20
<i>including</i>	62.00	63.00	1.00	2.50
	109.00	198.00	89.00	0.38
<i>including</i>	111.00	115.00	4.00	0.47
<i>and including</i>	121.00	125.00	4.00	0.63
<i>and including</i>	130.00	140.00	10.00	0.91
<i>and including</i>	144.00	157.00	13.00	0.57
<i>and including</i>	166.00	175.00	9.00	0.48
<i>and including</i>	195.00	198.00	3.00	0.72
	205.00	227.00	22.00	0.35
<i>including</i>	218.00	224.00	6.00	0.96
	249.00	256.00	7.00	0.88
CMD25-024	12.00	14.00	2.00	0.71
	24.00	32.00	8.00	2.35
<i>including</i>	24.00	25.00	1.00	16.99
	37.00	121.00	84.00	0.31
<i>including</i>	45.00	47.00	2.00	0.74
<i>and including</i>	60.00	62.00	2.00	0.50
<i>and including</i>	73.00	76.00	3.00	0.85
<i>and including</i>	91.00	93.00	2.00	1.84
<i>and including</i>	100.00	102.00	2.00	0.45
<i>and including</i>	107.00	108.00	1.00	4.46
<i>and including</i>	116.00	121.00	5.00	0.66
	234.00	281.64	47.64	0.25
<i>including</i>	255.00	259.00	4.00	0.42
<i>and including</i>	274.00	281.64	7.64	0.52
<i>and including</i>	274.00	281.64	7.64	0.52

*All reported intercepts are reported as downhole lengths, as insufficient data exists to determine true widths. Select composites utilizing 0.10, 0.30 or 0.50 g/t Au cut-off with a maximum 3.1m continuous below cut-off inclusion.

Table 3. Details of Phase One Adit Zone Drill Holes at Chicken Mountain

Hole No.	Type	Azimuth (o)	Dip (o)	Length (m)	UTM E	UTM N	Prospect	Purpose
CMD25-022	DDH	120	-55	270.21	552379	6917584	Chicken Mountain	Exploration
CMD25-024	DDH	120	-55	281.64	552444	6917545	Chicken Mountain	Exploration
CMD25-107	RC	120	-55	134.10	552540	6917434	Chicken Mountain	Exploration
CMR25-108	RC	120	-75	91.44	552540	6917434	Chicken Mountain	Exploration
CMR25-110	RC	120	-55	112.80	552607	6917395	Chicken Mountain	Exploration
CMR25-111	RC	120	-75	99.10	552607	6917395	Chicken Mountain	Exploration
CMR25-113	RC	120	-55	108.20	552662	6917366	Chicken Mountain	Exploration
CMR25-116	RC	120	-55	93.00	552715	6917335	Chicken Mountain	Exploration
CMR25-119	RC	120	-55	103.63	552757	6917309	Chicken Mountain	Exploration
CMR25-121	RC	120	-55	103.63	552176	6917646	Adit	Exploration
CMR25-122	RC	120	-75	61.00	552176	6917647	Adit	Exploration

To Learn More About Tectonic Metals:

Visit <https://www.tectonicmetals.com/about/>

View our 2025 [Fact Sheet](#) or [Corporate Presentation](#)

Tectonic invites you to take a [virtual tour](#) of our Flat Gold Project with both the CEO of Tectonic and one of Alaska's largest for-profit Native Regional Corporations, Doyon Ltd.

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Footnotes and References:

1. Placer production figures from "[Mineral Occurrence and Development Potential Report, Locatable and Salable Minerals, Bering Sea-Western Interior Resource Management Plan, BLM-Alaska](#)"

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., Vice President of Exploration, who is a Qualified Person in accordance with Canadian regulatory requirements set out in National Instrument 43-101.

The analytical work for the 2025 Flat drilling program was performed by MSA Labs (MSA) an internationally recognized and accredited analytical services provider, which is independent of Tectonic. All core and RC samples were submitted to MSA's Fairbanks, Alaska facility. Certain sample shipments were shipped to MSA's Prince George, British Columbia facility to expedite analysis times. At either lab the entire sample was dried, crushed to 2mm and riffle split into nominal 500 g subsample jars for analysis (prep code CRU-CPA). Sample split jars were then analysed for gold using PhotonAssay™ (CPA-Au1). If additional nominal 500-gram PhotonAssay™ analysis splits are conducted for a given samples results from all splits are combined on a weight average basis. All initial PhotonAssay™ samples will undergo further analysis for a suite of 48 elements (IMS-230), with pulverization of jar contents to 85% passing 75um (PPU-510), with four acid digestion and ICP-MS finish.

QA/QC procedures for the drill program included insertion of a certificated reference material every 20 samples, blanks at rate of approximately every 25 samples and a field duplicate sample (split of the 1.5 m original sample) every 25 samples. All QAQC control samples returned values within acceptable limits

Samples are placed in sealed and security tagged bags and shipped directly to the MSA facility in Fairbanks, Alaska, utilizing strict Chain of Custody protocols.

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 Investor Relations, toll-free at 1.888.685.8558 or by email at investorrelations@tectonicmetals.com

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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; 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 also refers to historical information, including results from past exploration activities and placer production figures. 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 contains, 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.

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SOURCE: Tectonic Metals Inc.