TSX-V: TECT OTCQB: TETOF FSE: T15B

TECTONIC METALS INC.

PHASE 1 – DRILL PLAN MAPS AND RC CHIP VISUALS

THE FLAT GOLD PROJECT, ALASKA

September 10, 2025

CAUTIONARY STATEMENT REGARDING FORWARD LOOK STATEMENT AND COMPLIANCE WITH NATIONAL INSTRUMENT 43-101

All statements in this presentation, other than statements of historical fact, are "forward-looking statements" or "forward looking information" with respect to Tectonic Metals Inc. (the "Company") within the meaning of applicable securities laws, including statements that address pro forma capitalization tables, the size and use of proceeds of any proposed financings, the discovery and development of gold deposits, potential size of a mineralized zone, potential expansion of mineralization and timing of exploration and development plans. Forward-looking information is often, but not always, identified by the use of words such as "seek", "anticipate", "plan", "continue", "planned", "expect", "project", "predict", "potential", "targeting", "intends", "believe", and similar expressions, or describes a "goal", or variation of such words and phrases or state that certain actions, events or results "may", "should", "could", "would", "might" or "will" be taken, occur or be achieved. Forward-looking information is not a guarantee of future performance and is based upon a number of estimates and assumptions of management at the date the statements are made including, among others, assumptions regarding timing of exploration and development plans at the Company's mineral projects; timing and completion of proposed financings; timing and likelihood of deployment of additional drill rigs; successful delivery of results of metallurgical testing; the release of an initial resource report on any of our properties; assumptions about future prices of gold, copper, silver, and other metal prices; currency exchange rates and interest rates; metallurgical recoveries; favourable operating conditions; political stability; obtaining governmental approvals and financing on time; obtaining renewals for existing licences and permits and obtaining required licences and permits; labour stability; stability in market conditions; availability of equipment; accuracy of historical information; successful resolution of disputes and anticipated costs and expenditures. Many assumptions are based on factors and events that are not within the control of the Company and there is no assurance they will prove to be correct.

Such forward-looking information involves known and unknown risks, which may cause the actual results to be materially different from any future results expressed or implied by such forward-looking information, including, but not limited to, the cost, timing and success of exploration activities generally, including the development of new deposits; possible variations in grade or recovery rates; failure of equipment or processes to operate as anticipated; the failure of contracted parties to perform; uses of funds in general including future capital expenditures, exploration expenditures and other expenses for specific operations; the timing, timeline and possible outcome of permitting or license renewal applications; government regulation of exploration and mining operations; environmental risks; the uncertainty of negotiating with foreign governments; expropriation or nationalization of property without fair compensation; adverse determination or rulings by governmental authorities; delays in obtaining governmental approvals; possible claims against the Company; the impact of archaeological, cultural or environmental studies within property areas; title disputes or claims; limitations on insurance coverage; the interpretation and actual results of historical operators at certain of our exploration properties; changes in project parameters as plans continue to be refined; current economic conditions; future prices of commodities; and delays in obtaining financing. The Company's forward-looking information reflect the beliefs, opinions, and projections on the date the statements are made. The Company assumes no obligation to update forward-looking information or beliefs, opinions, projections, or other factors, should they change, except as required by law.

In addition, this presentation contains core and RC chip photographs, 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 accredited laboratory assay results and do not demonstrate the economic viability of any mineral deposit.

The Company makes no representation or warranty regarding the accuracy or completeness of any historical data from prior exploration 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.

Prospective investors should not construe the contents of this presentation as legal, tax, investment, accounting or other advice. Prospective investors are urged to consult with their own advisors with respect to legal, tax, regulatory, financial, accounting and other such matters relating to their investment in the Company.

The Company securities have not been approved or disapproved by the U.S. Securities and Exchange Commission or by any state, provincial or other securities regulatory authority, nor has the U.S. Securities and Exchange Commission or any state, provincial or other securities regulatory authority passed on the accuracy or adequacy of this presentation. Any representation to the contrary is a criminal offense.

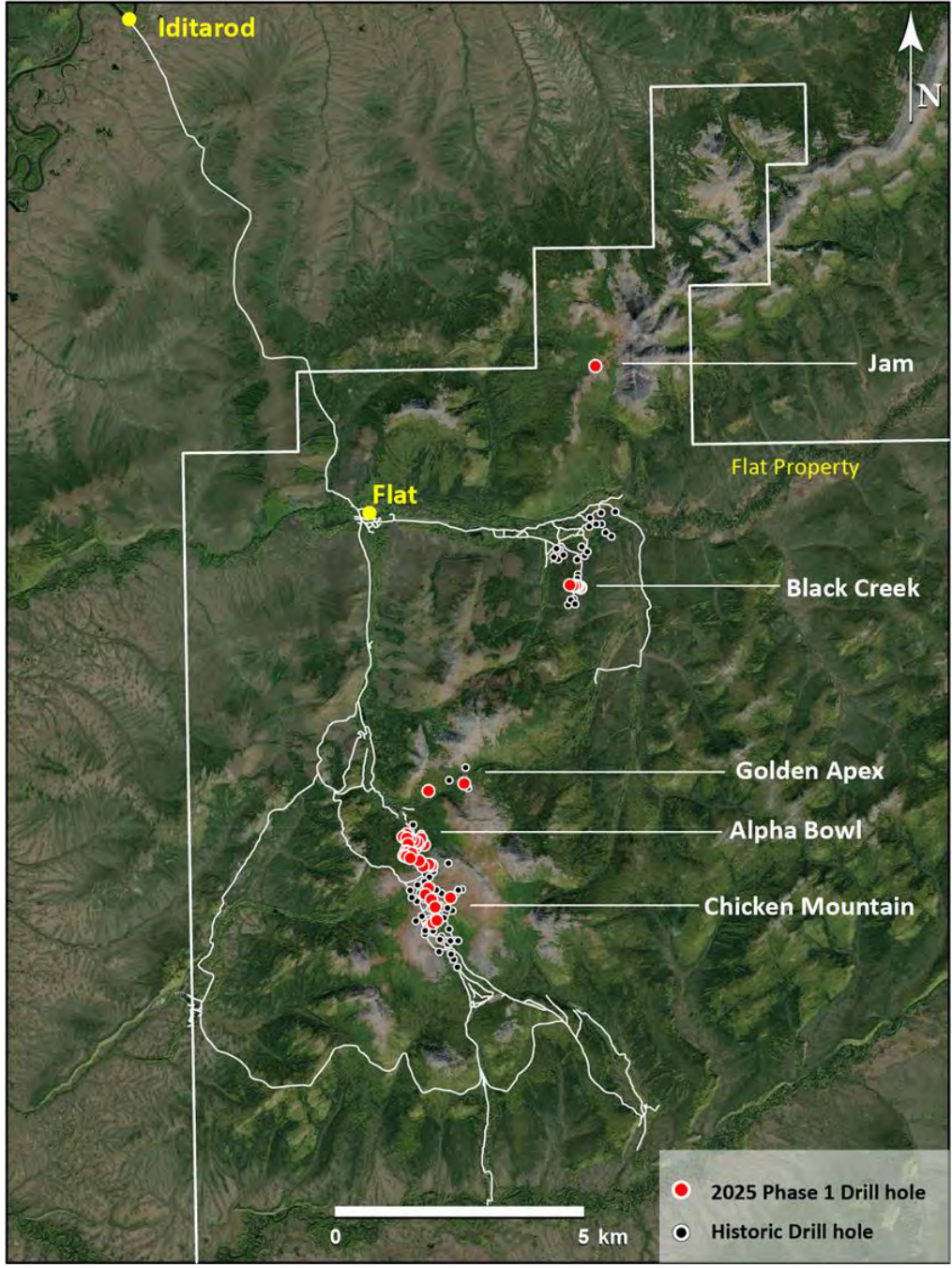
The Company is incorporated under the laws of British Columbia, Canada. Many of the Company's assets are located outside the United States and most or all of its directors and officers are residents of countries other than the United States. As a result, it may be difficult for investors in the United States to effect service of process within the United States upon the Company or such directors and officers, or to realize in the United States upon judgments of courts of the United States predicated upon civil liability of the Company and its directors and officers under the United States federal securities laws.

COMPLIANCE WITH NATIONAL INSTRUMENT 43-101

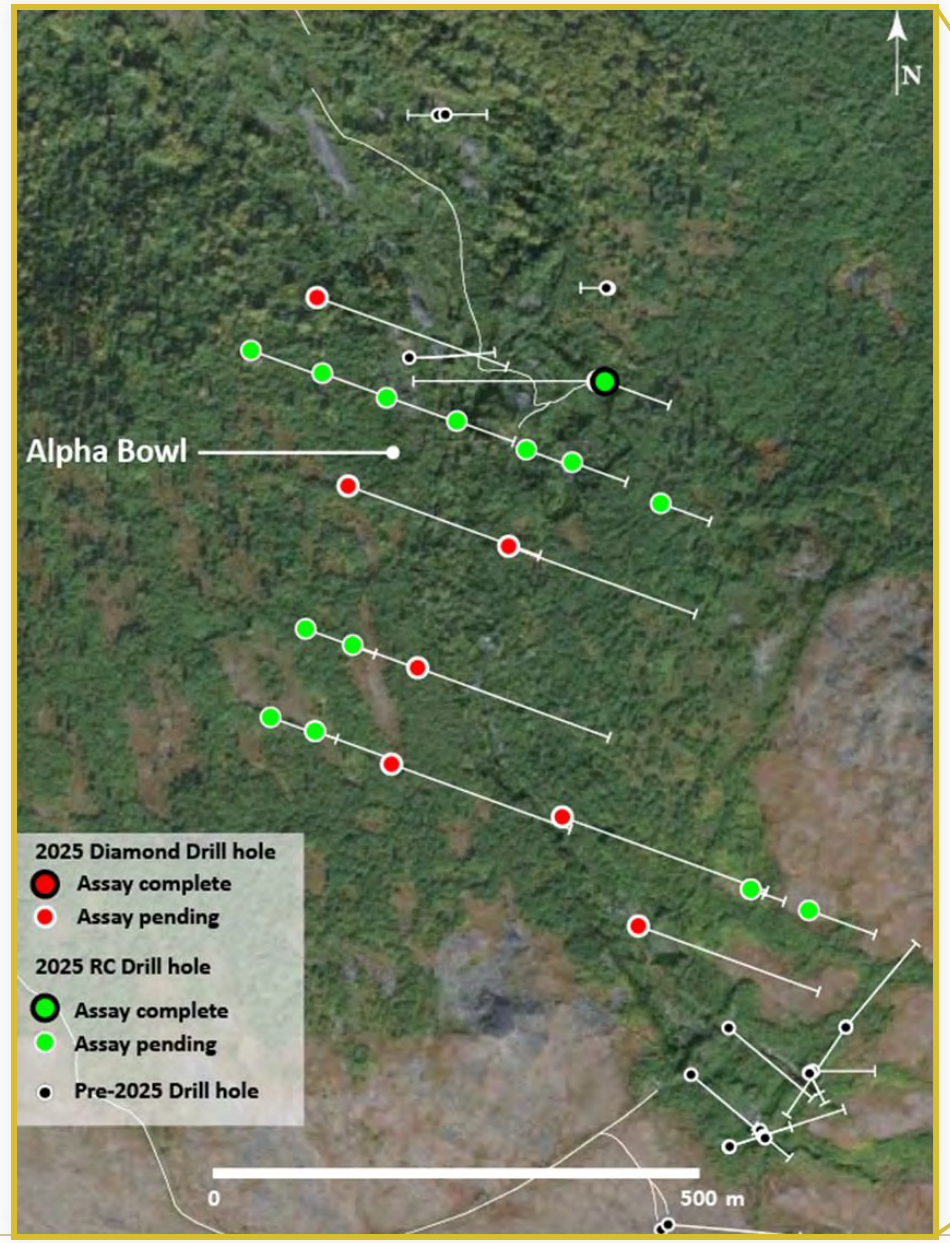
Peter Kleespies, M.Sc., P.Geo, Vice President for Tectonic Metals Inc, is the Qualified Person for the Company a defined by National Instrument 43-101 and is responsible for reviewing and approving the scientific and technical content of all materials publicly disclosed by Tectonic, including the contents of this presentation.

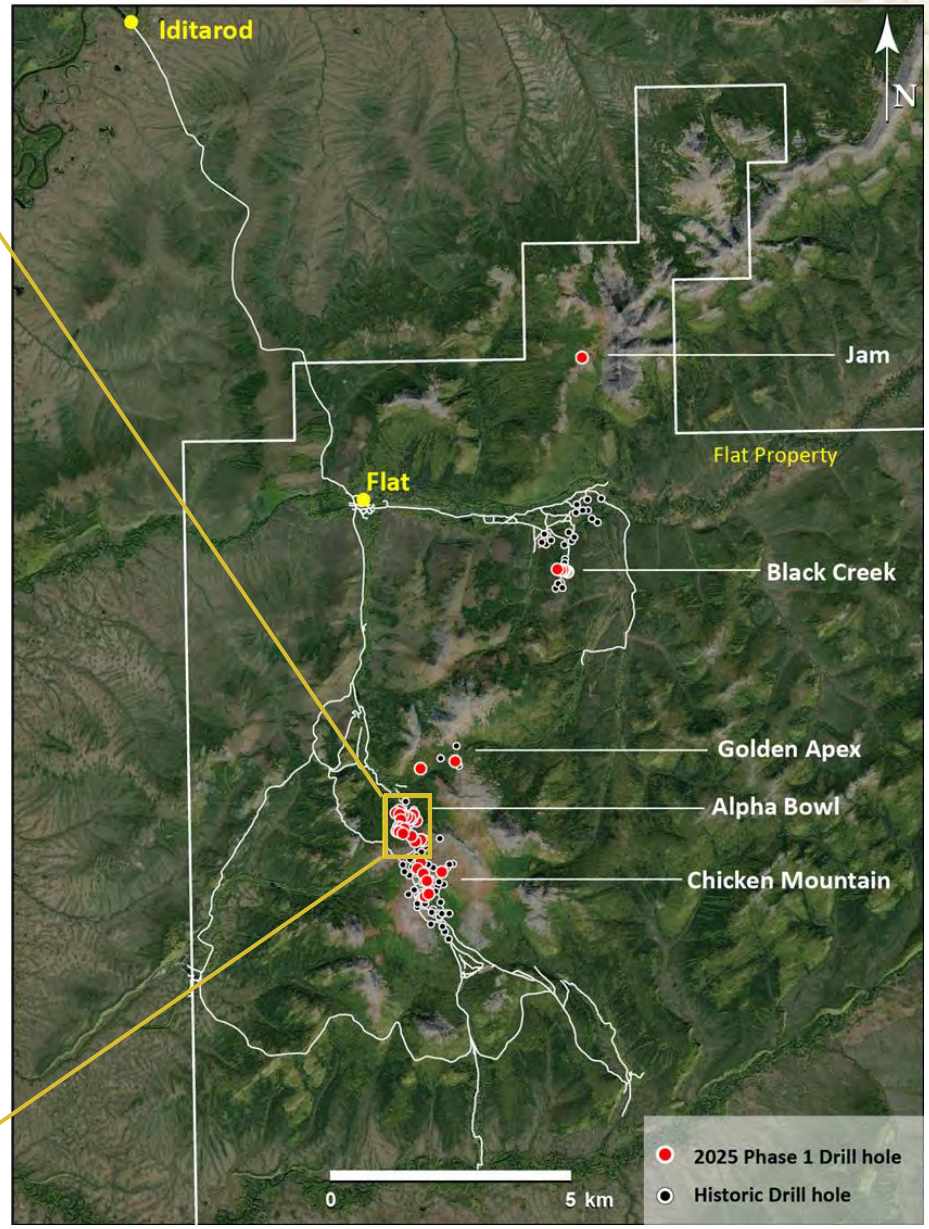
2025 PHASE ONE DRILL PROGRAM & PLAN MAP

Intrusion Target	Drill Type	# Holes	Metres
Alpha Bowl	Diamond	8	2,873
	RC	16	1,749
Chicken Mountain	Diamond	5	1,013
	RC	5	798
Golden Apex	Diamond	1	265
	RC	2	201
Black Creek	RC	9	616
Jam	RC	2	203
Total Drill Holes & Metres		**48**	**7,718**

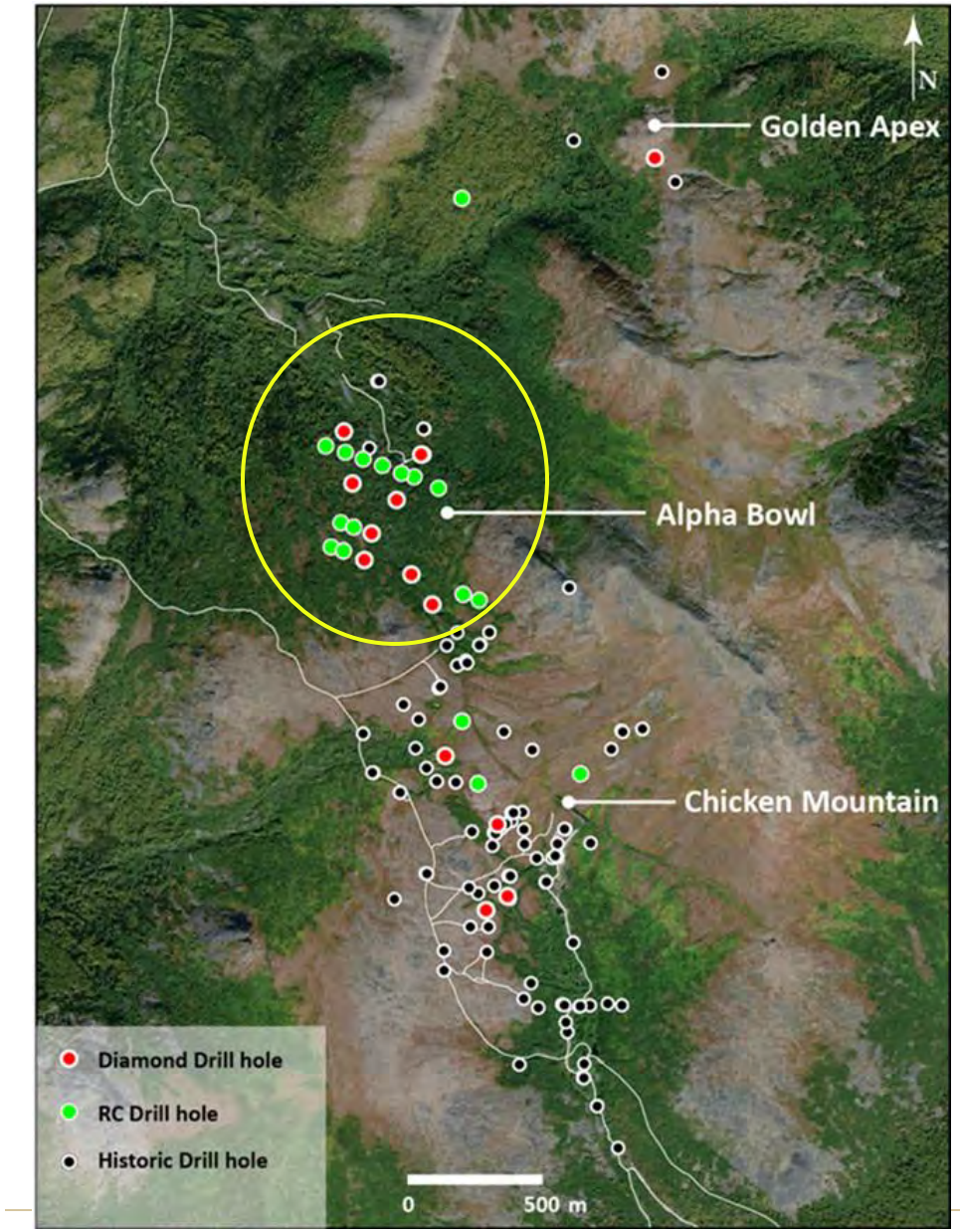


2025 PHASE ONE DRILL COLLAR LOCATIONS: ALPHA BOWL 1.5 KM X 1 KM INTRUSION TARGET



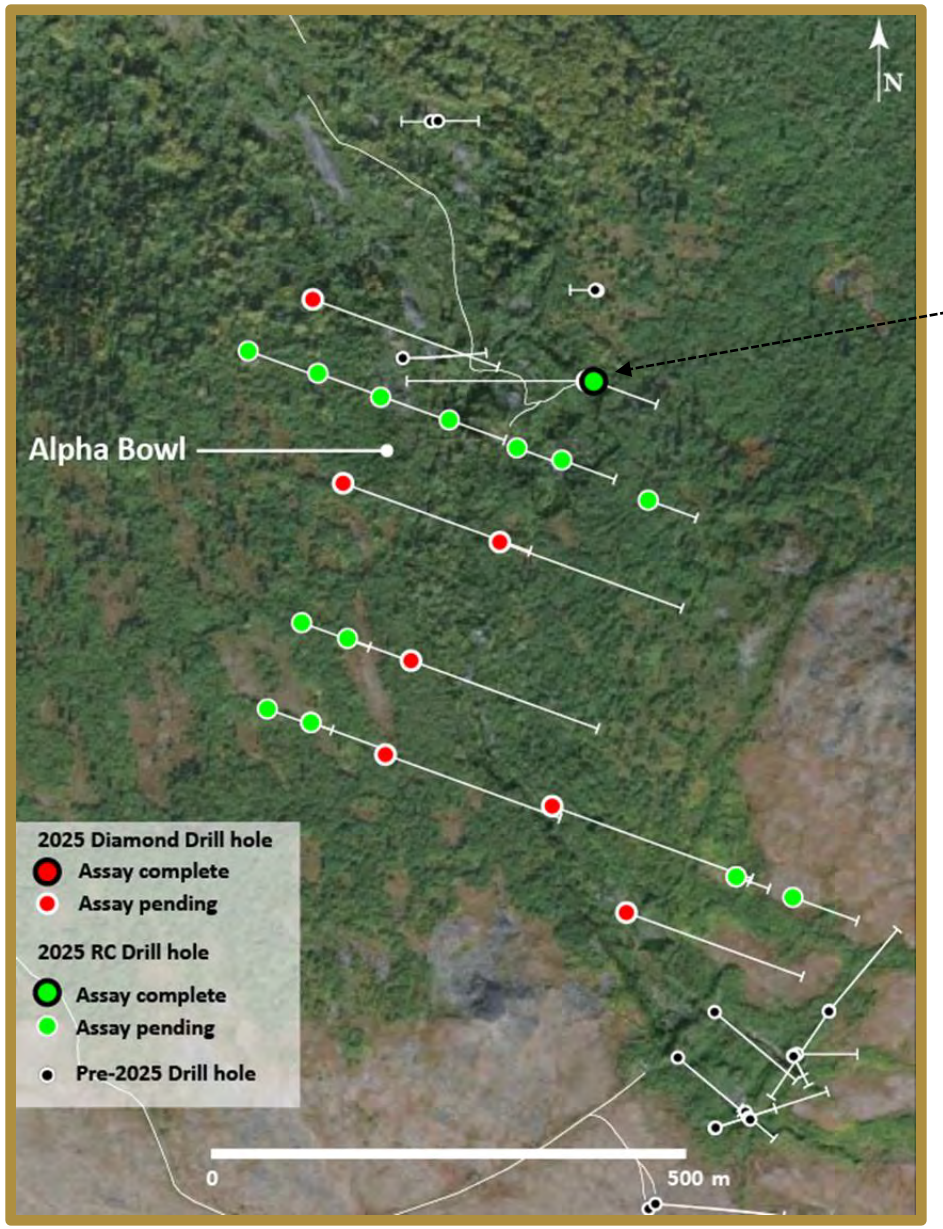


ALPHA BOWL 2025 PHASE ONE DRILL HIGHLIGHTS



- Drilling tested for scale, grade and continuity
- Oriented drill core collected; structural and alteration controls defined
- **Key drill core observations:**
  - Visible gold observed in select quartz veins
  - Multiple generations of veining, including sheeted, brecciated and late-stage carbonate veins
  - Clear structural overprinting (cross-cutting veins, brecciation, faulting)
  - Strong sericite and potassic alteration halos associated with mineralized veins

ALPHA BOWL 1.5 KM X 1 KM INTRUSION TARGET



2025 FIRST DRILL HOLE
2.23 g/t Au over 41.15m
incl. **4.00 g/t Au over 21.34m**
with **6.70 g/t Au over 10.67m**
with **13.25 g/t Au over 4.57m**

2025 Phase One Drilling at Alpha Bowl

- 24 drill holes = 4,600m
  - 8 diamond holes up to 392m in length
  - 16 RC holes
- Testing a 600m x 700 m area
- Parallel drill fences approximately 100 m apart
- Drilling specifically targeted sheeted quartz vein systems developed within granitoid intrusions — a hallmark setting of reduced intrusion-related gold systems

ALPHA BOWL

Rock Types

The rocks at Alpha Bowl are mainly coarse-grained intrusions called monzonite to syeno-monzonite, which sometimes contain xenoliths of dark fragments of other rock types. Narrower dikes of varying composition cut through the main body. Tectonic observed multiple generations of mineralized quartz and carbonate veins in all logged rock types, indicating the system was long-lived and repeatedly active.

Vein Types and Potential Mineralization Indicators

Drilling has revealed three main types of potentially gold-related veins:

i. Sheeted quartz-sulfide veins – closely spaced, consistently oriented veins of quartz with sulfide minerals (chalcopyrite, pyrrhotite, arsenopyrite). These carry a mix of elements like copper, bismuth, silver, molybdenum, tellurium, and occasionally visible coarse gold.

ii. Quartz-carbonate-arsenopyrite veins – larger veins with alteration selvages (sericite, carbonate, arsenopyrite) that can appear brecciated (broken and resealed). These veins are chemically distinct, marked by arsenic, antimony, mercury, tungsten and molybdenum. They often align with the finer-grained dikes, suggesting repeated pulses of mineralizing fluids.

iii. Arsenopyrite stringers – zones dominated by arsenopyrite occurring as dense networks of fine- to coarse-grained veins.

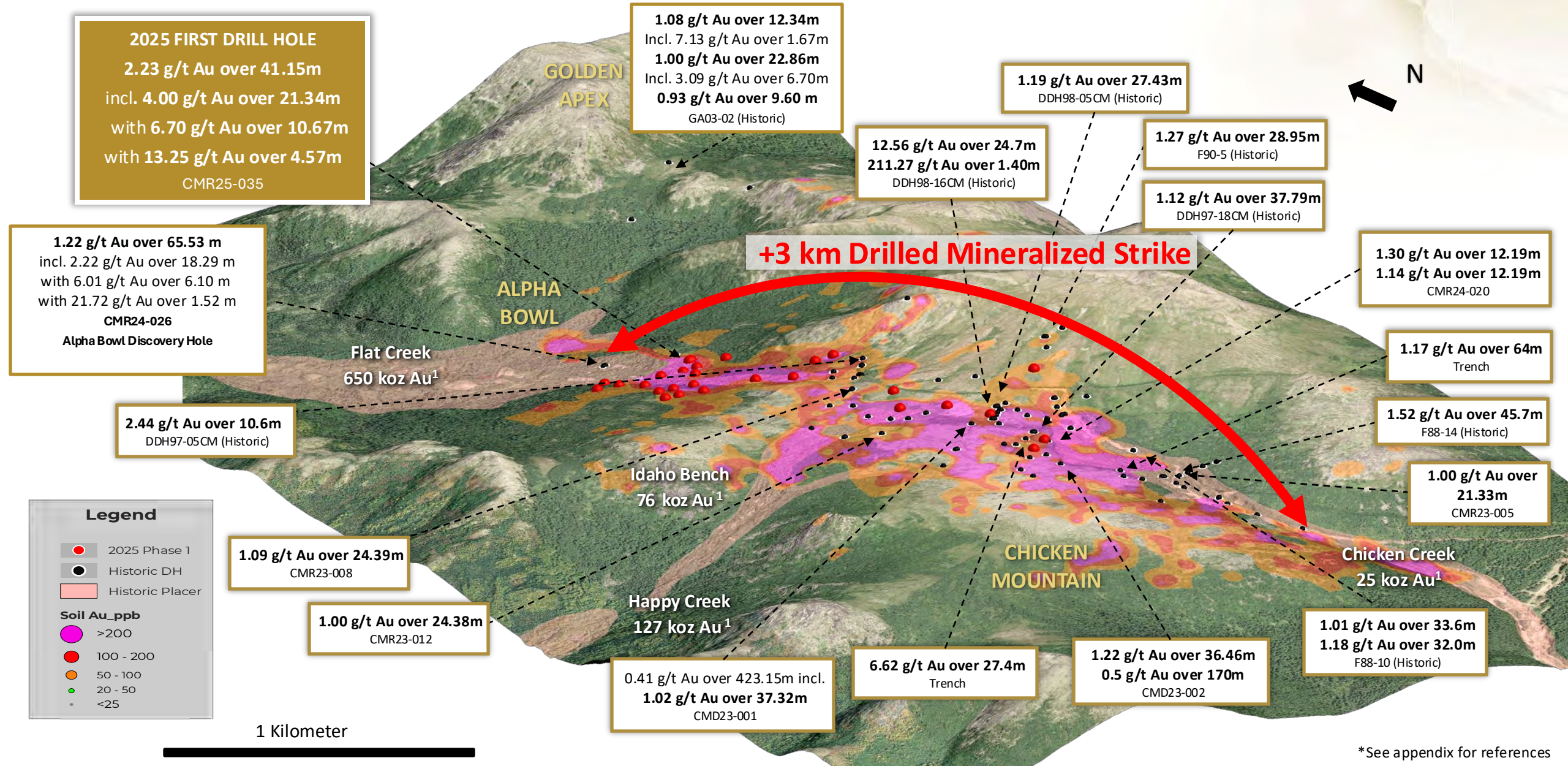
Later generations of calcite-rich veins cut across all three of these earlier vein types, sometimes showing oxidation and secondary copper minerals (like chalcocite and copper oxides).

Geological Significance

The presence of multiple cross-cutting vein types in drill core indicates that the Alpha Bowl system included multiple fluid phases and was active over an extended period, with early high-temperature mineral assemblages subsequently overprinted by later, lower-temperature mineralization. This telescoping of mineralizing events is a recognized feature of intrusion-related gold systems and highlights that Alpha Bowl possesses key attributes of a large, long-lived mineralizing environment. In addition, the observation of repeated “crack-and-seal” textures within quartz–carbonate veins confirms that mineralizing fluids circulated through the system in multiple pulses as it evolved and cooled.

+3 KMS OF DRILLED MINERALIZED STRIKE, 325METRE VERTICAL DEPTH – OPEN IN ALL DIRECTIONS

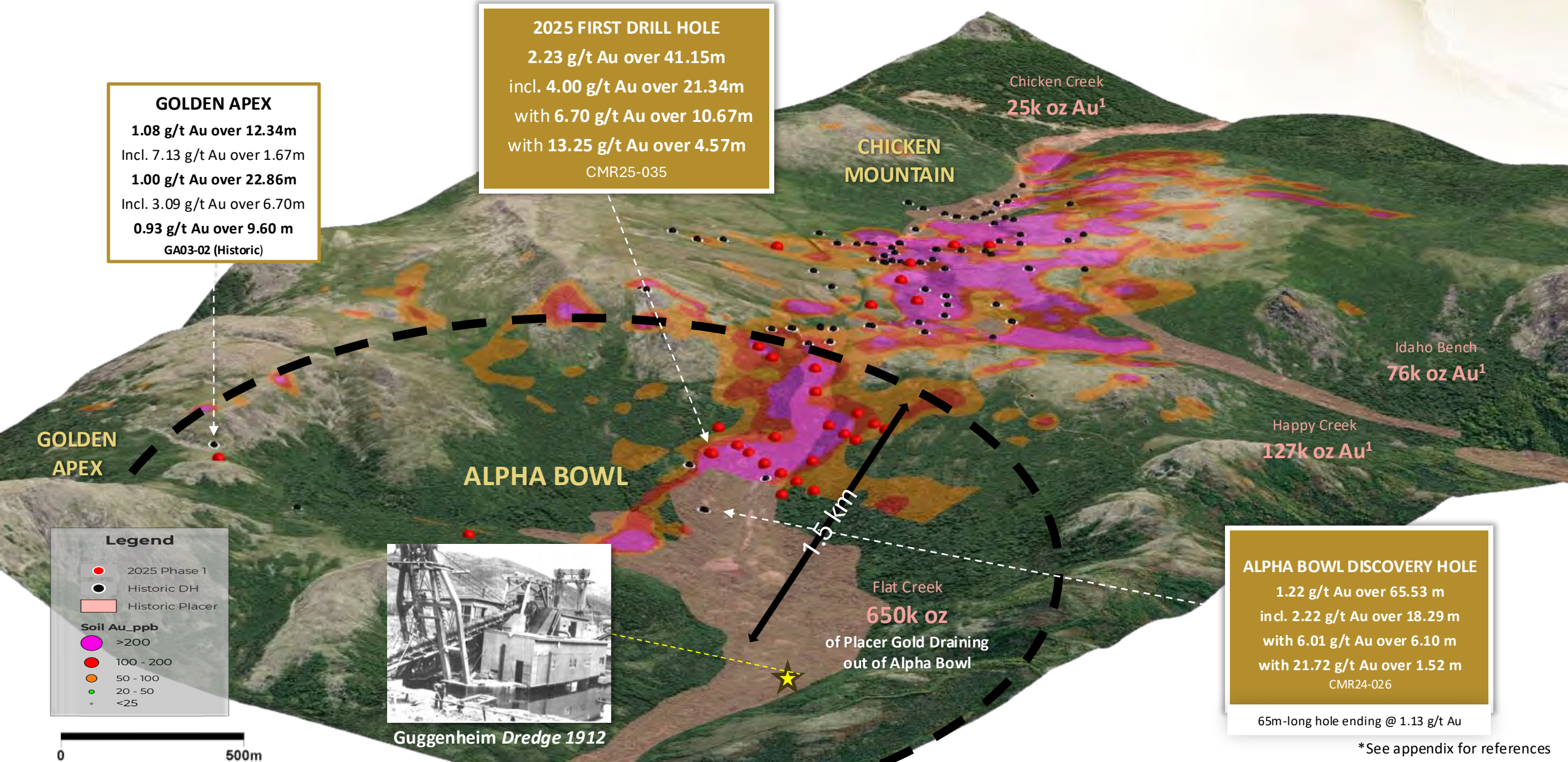
100% DRILL SUCCESS RATE, 86 HOLES DRILLED – ALL HIT GOLD



*See appendix for references

2025 PHASE ONE DRILL HOLE CMR25-035 DELIVERS HIGH-GRADE GOLD

ALPHA BOWL — UNLOCKING THE BEDROCK SOURCE OF 650K OUNCES OF PLACER GOLD*



*See appendix for references

CMR25-035 CHIP TRAY

Chip Tray Intervals in Feet, color bar intervals to right of trays correspond to color intervals in table

Drill Hole ID		From (ft)	To (ft)	From (m)	To (m)	Length (m)	Au (g/t)
CMR25-035		0	150	0.00	45.72	**45.72**	**0.58**
Alpha Bowl	*including*	50	55	15.24	16.76	1.52	**2.12**
	including	125	150	38.10	45.72	7.62	**2.13**
		265	400	80.77	121.92	**41.15**	**2.23**
	including	270	340	82.30	103.63	**21.34**	**4.00**
	with	305	340	92.96	103.63	**10.67**	**6.70**
	with	305	320	92.96	97.54	4.57	**13.25**

All reported intercepts are reported as down hole 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 maximum 3.1m continuous (two sample) below cut-off inclusion.

VISIT OUR INAUGURAL VIRTUAL DRILL CORE SHACK

BRAND NEW CORE FACILITY BUILT

REFERENCE LIST

SLIDE 8: +3 KMS OF DRILLED MINERALIZED STRIKE, 325 METRE VERTICAL DEPTH – OPEN IN ALL DIRECTIONS

1. Placer production figures from "Mineral Occurrence and Development Potential Report, Locatable and Salable Minerals, Bering Sea-Western Interior Resource Management Plan, BLM-Alaska Technical Report 60", prepared by the U.S. Department of the Interior, Bureau of Land Management, November 2010

SLIDE 9: 2025 PHASE ONE DRILL HOLE CMR25-035 DELIVERS HIGH-GRADE GOLD

1. Placer production figures from "Mineral Occurrence and Development Potential Report, Locatable and Salable Minerals, Bering Sea-Western Interior Resource Management Plan, BLM-Alaska Technical Report 60", prepared by the U.S. Department of the Interior, Bureau of Land Management, November 2010