



“Multiple layers of geological evidence stacked on top of one another pointing to one thing...

it's time to drill here!”

TSX-V: TECT
OTCQB: TETOF
FSE: T15B

TECTONIC
METALS INC.

2024 HIGH-PRIORITY DRILL TARGETS

THE FLAT GOLD PROJECT

September 11, 2024 News Release

FORWARD LOOKING STATEMENT AND NATIONAL INSTRUMENT 43-101 COMPLIANCE

CAUTIONARY STATEMENT

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.

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.Geol, Vice President for Tectonic Metals Inc, is the Qualified Person for the Company as 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.

THE FLAT GOLD SYSTEM

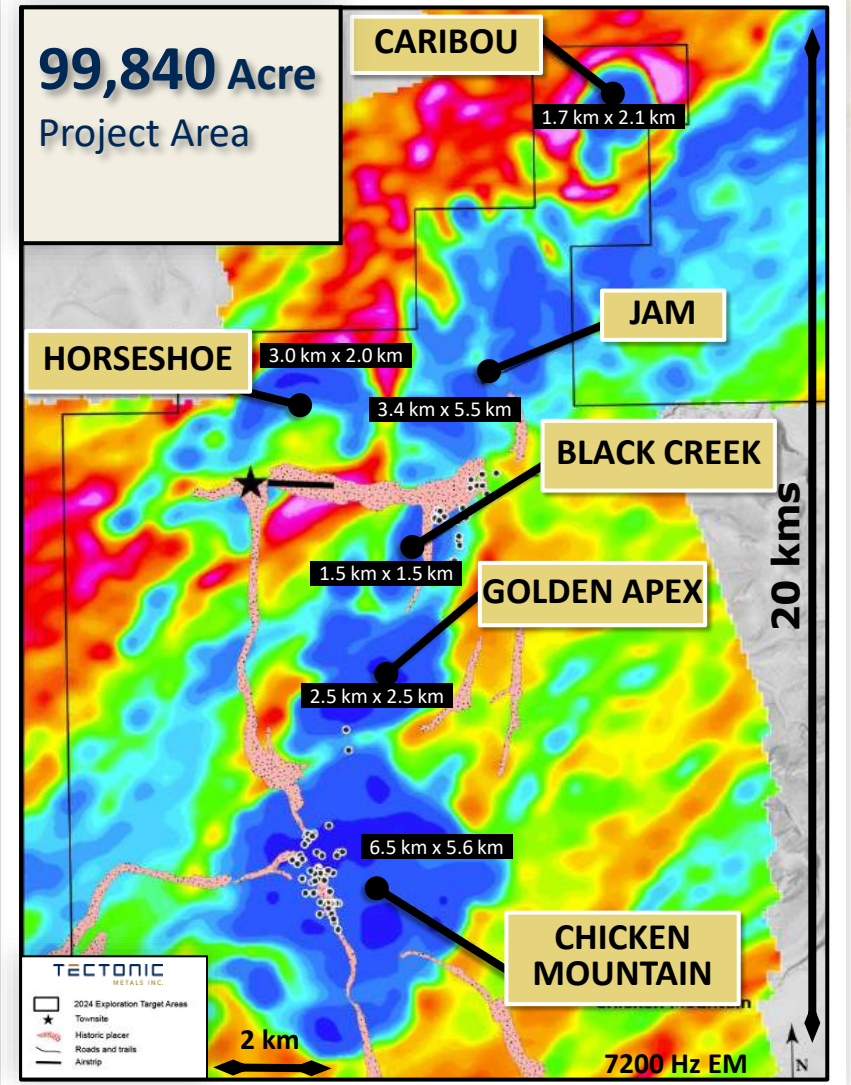
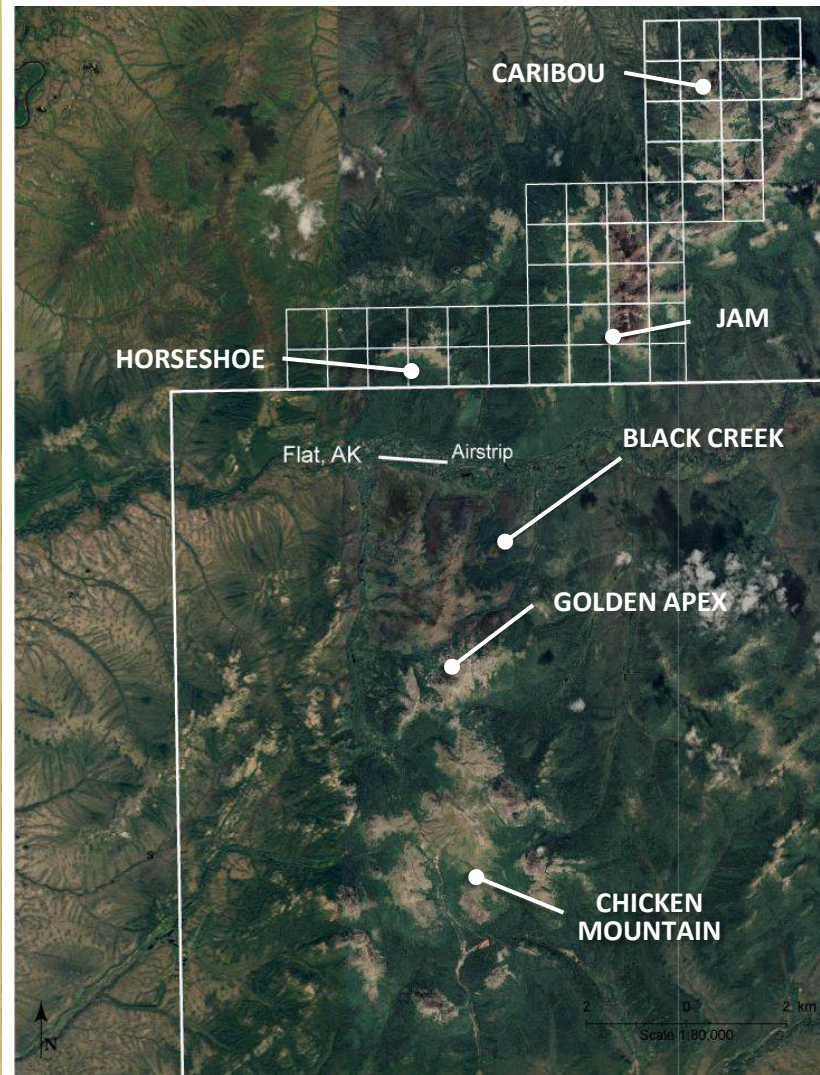
6 KM-SCALE INTRUSION TARGETS

PRIMARY TARGET

Chicken Mountain

- Bulk Open Pit
- Heap Leach Opportunity

Flat

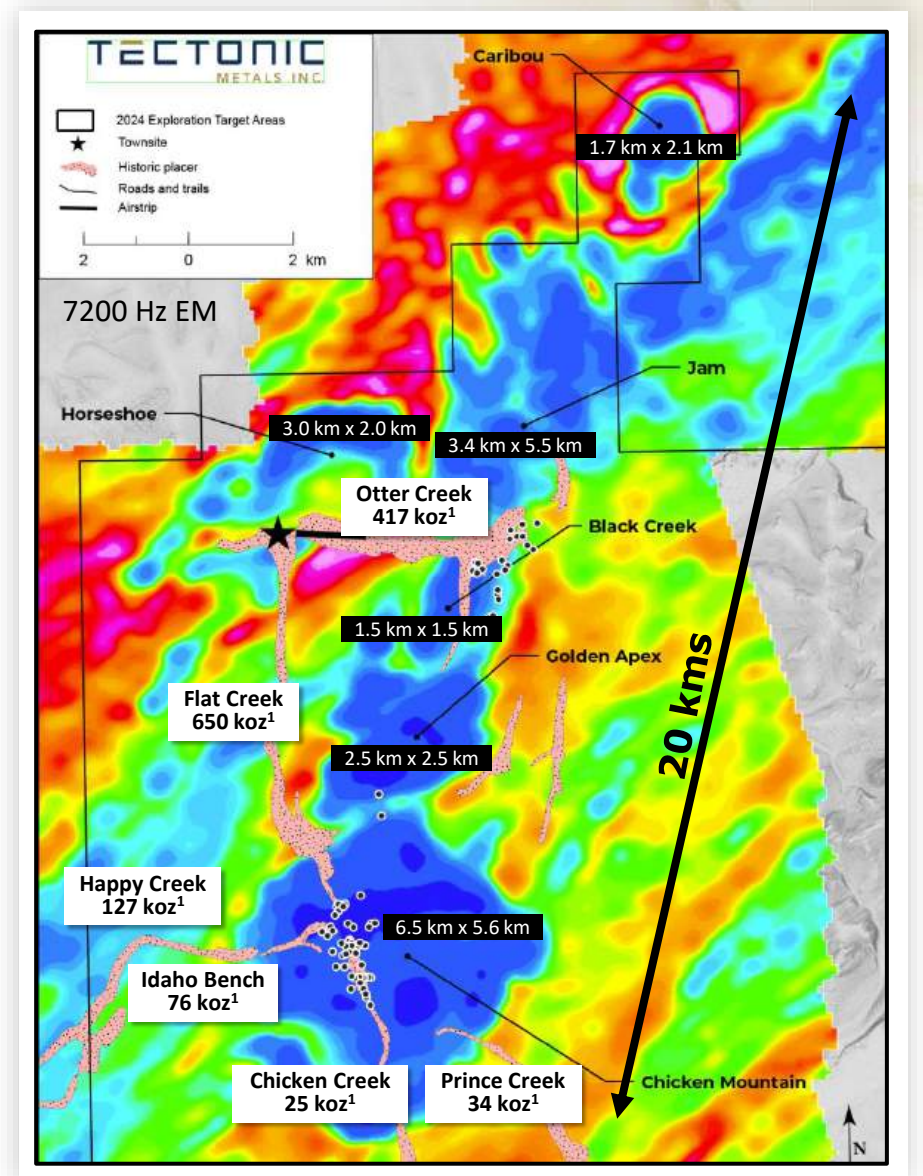


THE FLAT GOLD SYSTEM: SIX DISTRICT SCALE INTRUSION TARGETS

PART OF 20 KM "STRING-OF-PEARLS" GEOPHYSICAL ANOMALY

Intrusion Target	Intrusion Status	Geophysical Anomaly	Historical Placer Production from Drainages in Immediate Vicinity ¹
Caribou	Potential	1.7 km x 2.1 km	N/A
Jam	Potential	3.4 km x 5.5 km	419,000 oz (Otter and Malamute Pup)
Horseshoe	Potential	3.0 km x 2.0 km	417,000 oz (Otter Creek)
Black Creek	Drill Confirmed	1.5 km x 1.5 km	445,000 oz (Otter and Black Creek)
Golden Apex	Drill Confirmed	2.5 km x 2.5 km	682,000 oz (Flat, Slate, Black Creeks)
Chicken Mountain	Drill Confirmed	6.5 km x 5.6 km	954,000 oz (Flat, Happy, and others)

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



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CHICKEN MOUNTAIN INTRUSION

Multi-Million Ounce Open-Pit Potential



CHICKEN MOUNTAIN – “BIG DEPOSITS LEAVE BIG FOOTPRINTS”

FLAT GOLD SYSTEM: A 20 KM “STRING-OF-PEARLS” OF SIX GEOPHYSICAL INTRUSION ANOMALIES

1.4 Moz¹ recorded placer production at Flat

- 3rd richest placer gold mining jurisdiction in Alaska¹
- Chicken Mountain credited as primary bedrock source
- Every stream draining out of Chicken Mtn. carries placer gold

~4 km long high-tenor gold-in-soil anomaly

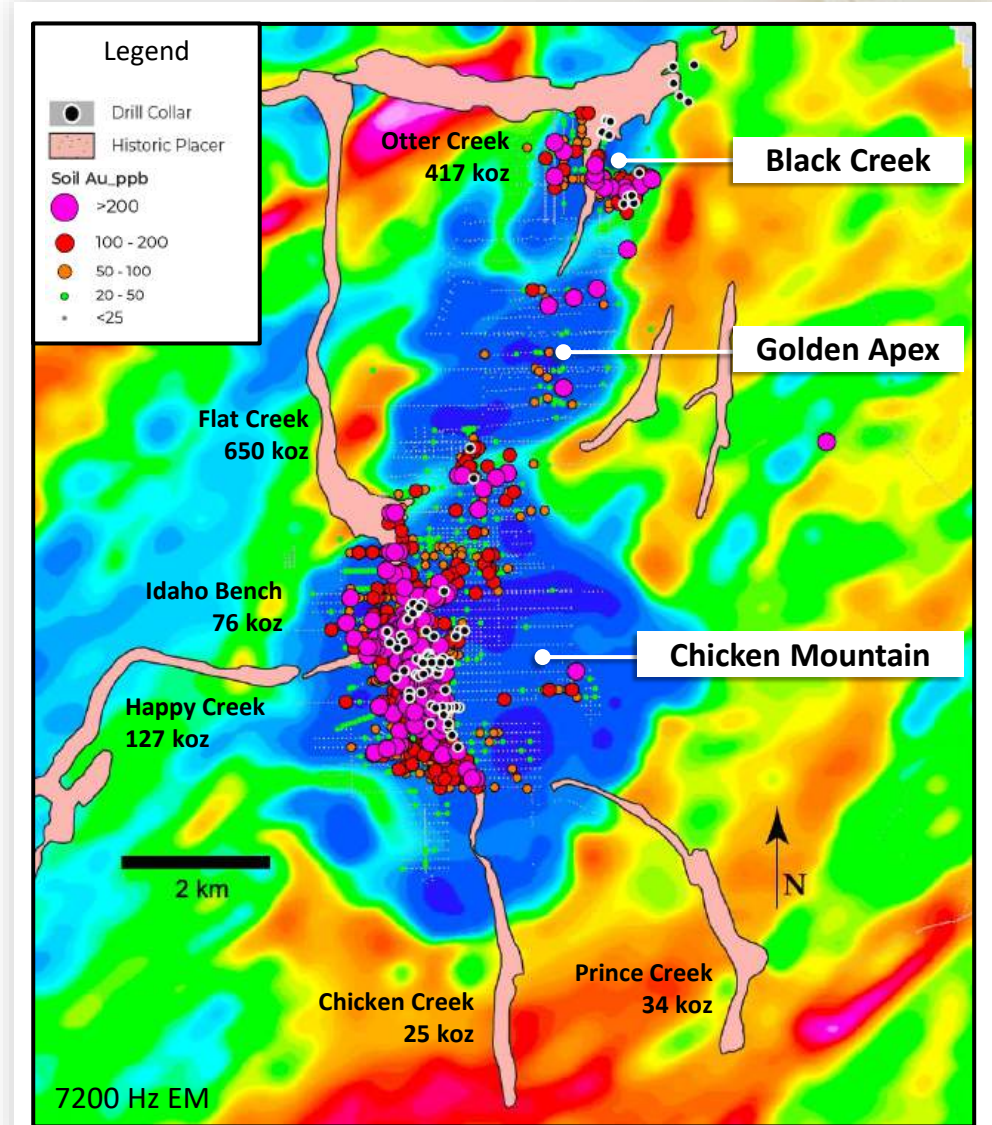
- Soil sampling + geophysics: a proven exploration methodology, 100% drill success rate in finding gold
- < 50% drill tested and open
- Unglaciaded terrain

100% drill success rate at Chicken Mountain

- All 74 holes intersected gold mineralization
- 37 of 74 drill holes ending in mineralization
- 1.8km of drilled strike, 300m vertical depth (open in all directions)

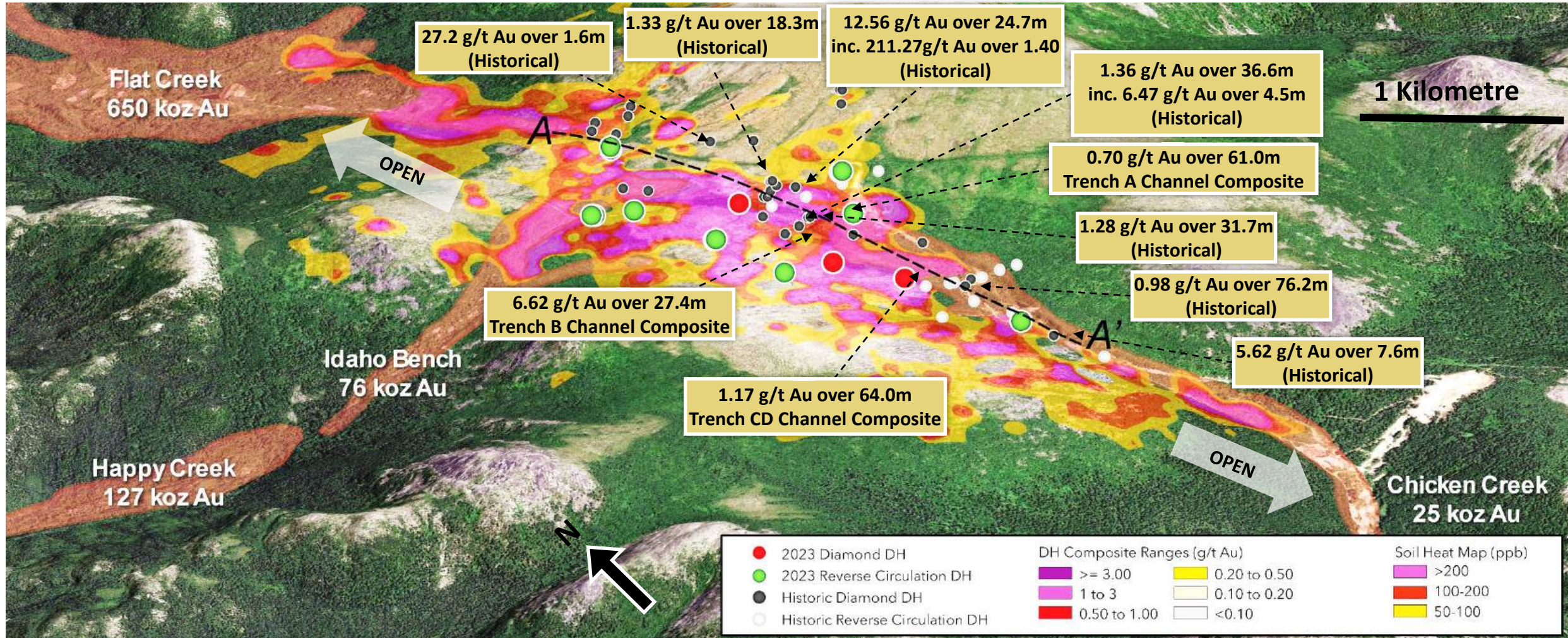
96% gold recovery (average)

- De-risking on Day One
 - A wide array of met testing: conventional bottle roll, gravity, combined gravity & bottle roll and flotation
 - Mineralization is not grind sensitive, extremely low in sulphur, non preg robbing and favourable to various gold extraction methods
 - Heap leach column tests now underway
- Potential open-pit, heap leach opportunity



2023 TECTONIC'S FIRST DRILL PROGRAM HITS GOLD IN EVERY HOLE

1.8 KMS OF MINERALIZED STRIKE A-A', 300 METRES VERTICAL DEPTH (OPEN)

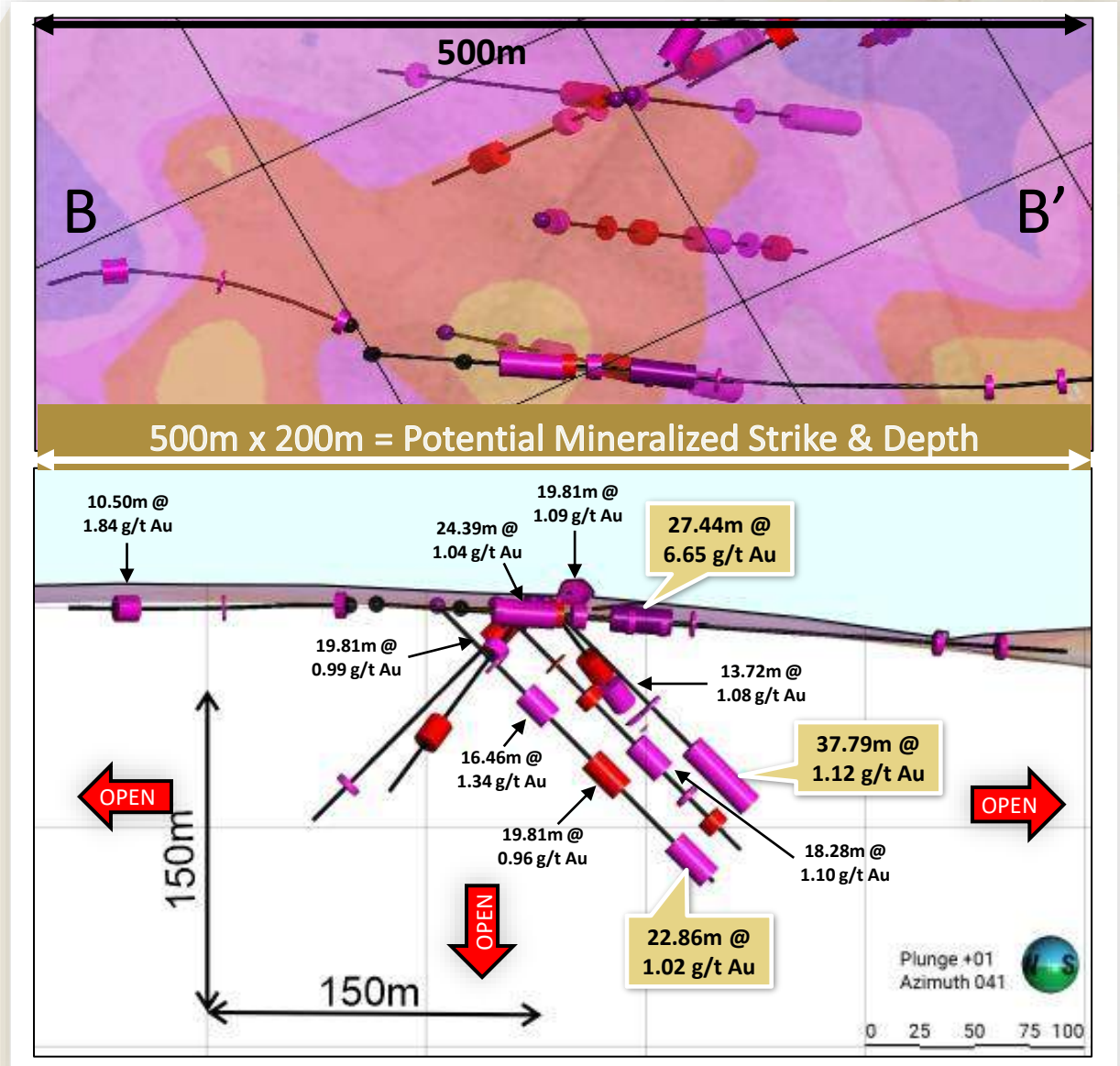
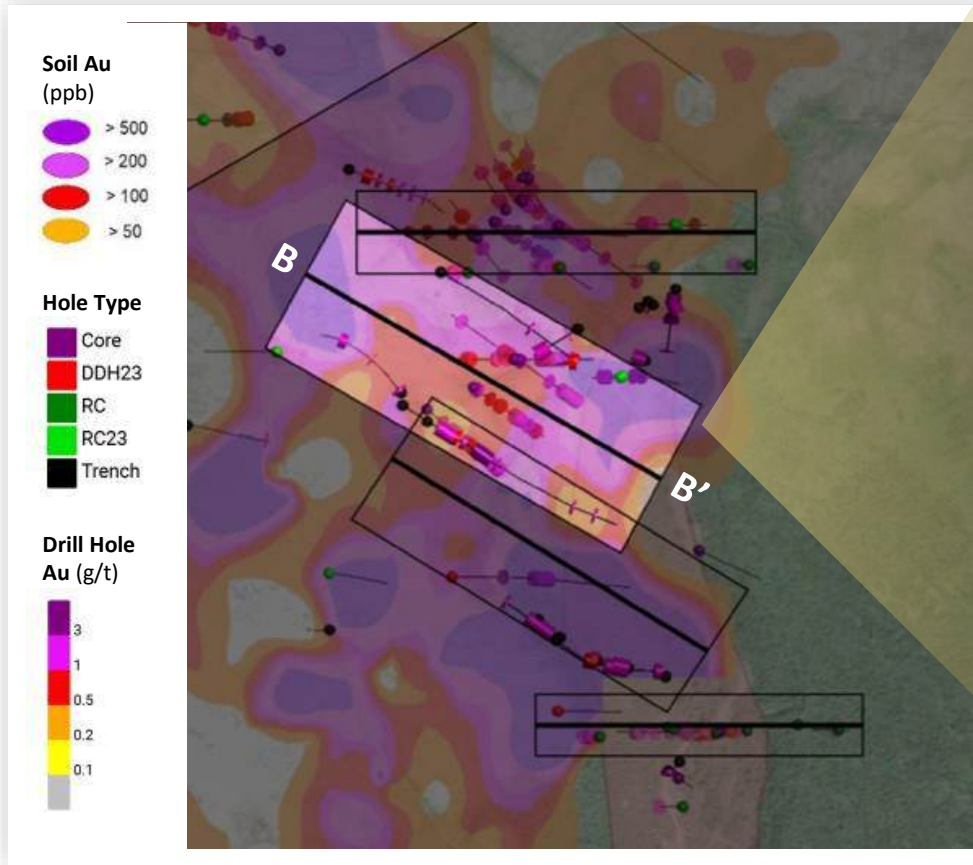


*Placer production figures from "Mineral Occurrence and Development Potential Report, Locatable and Salable Minerals, Bering Sea-Western Interior Resource Management Plan, BLM Alaska Technical Report 60", prepared by the U.S. Department of the Interior, Bureau of Land Management, November 2010"

CURRENT GLOBAL AVERAGE GRADE OF OPEN PIT & UNDERGROUND DEPOSITS = 1.04 G/T AU*

CHICKEN MOUNTAIN POTENTIAL HIGHER GRADE STARTER PITS

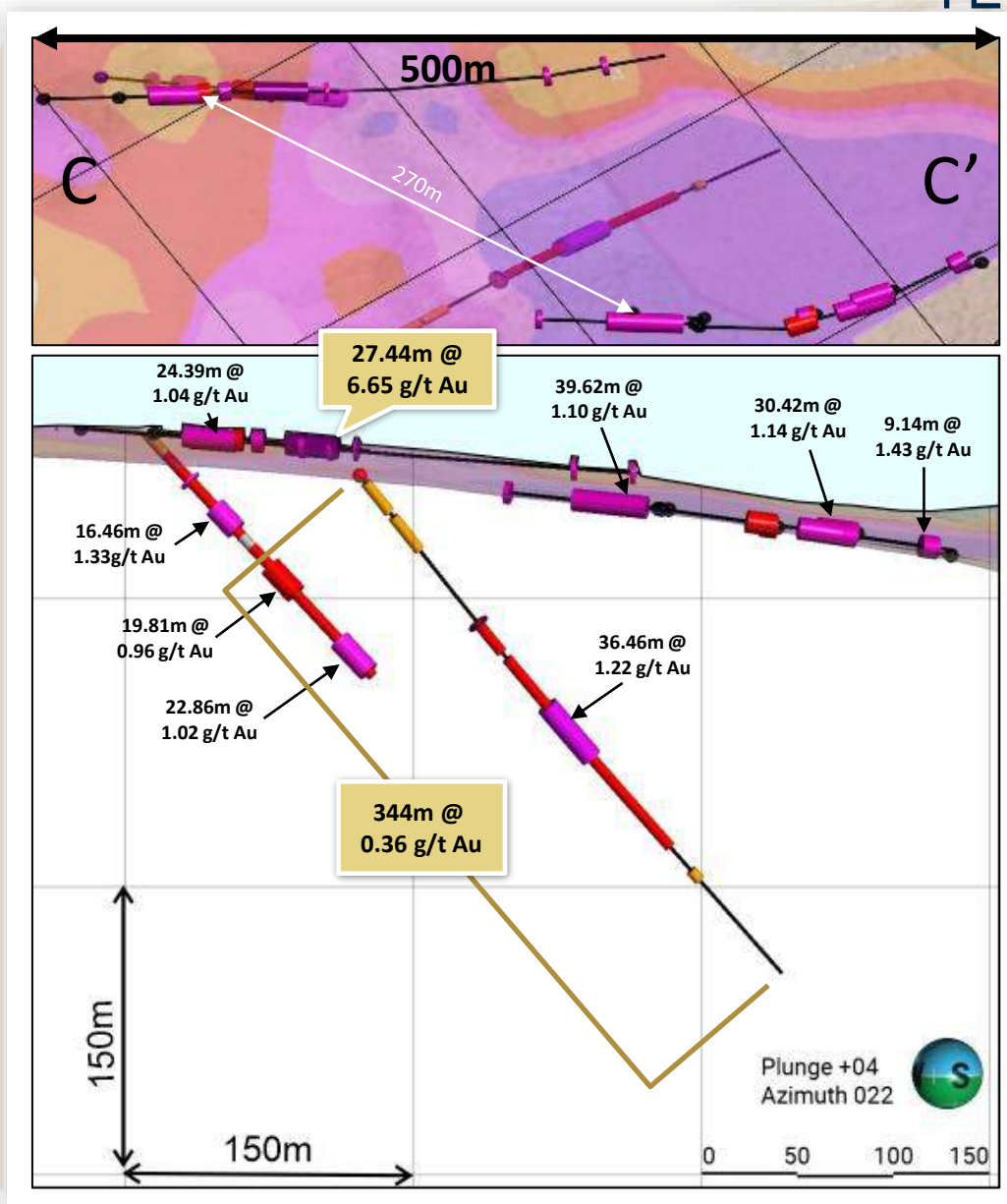
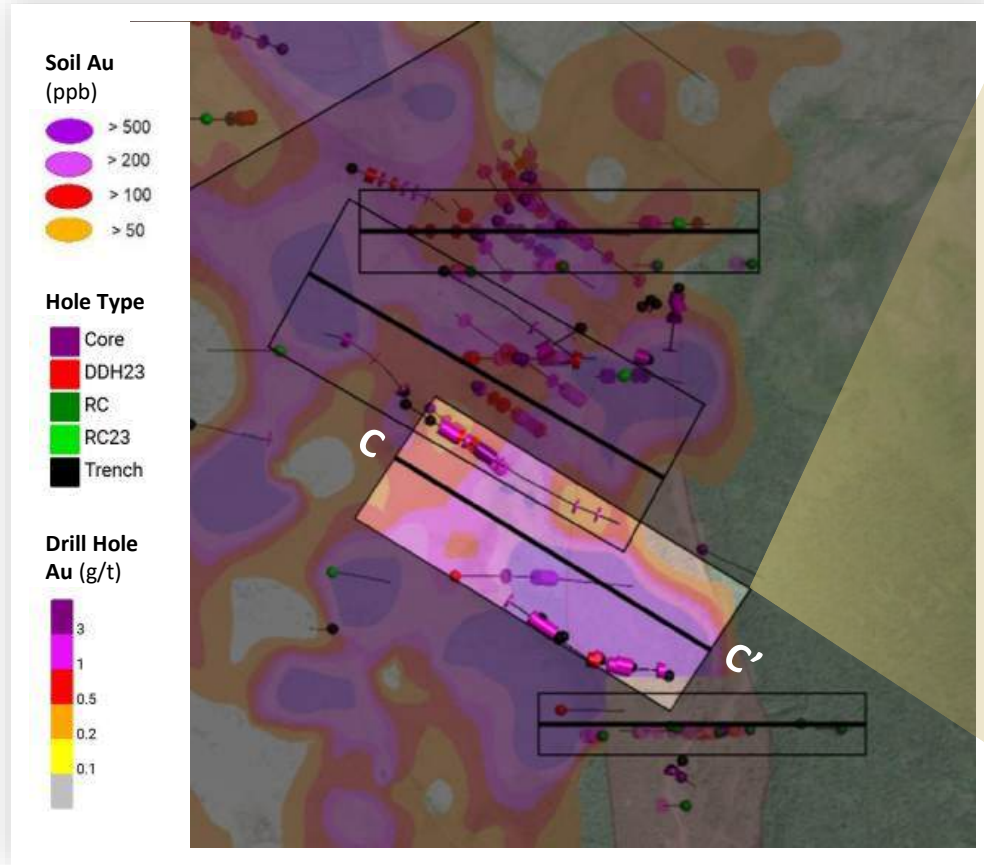
CROSS SECTION HIGHLIGHTING ONLY
+1.0 G/T AU COMPOSITES

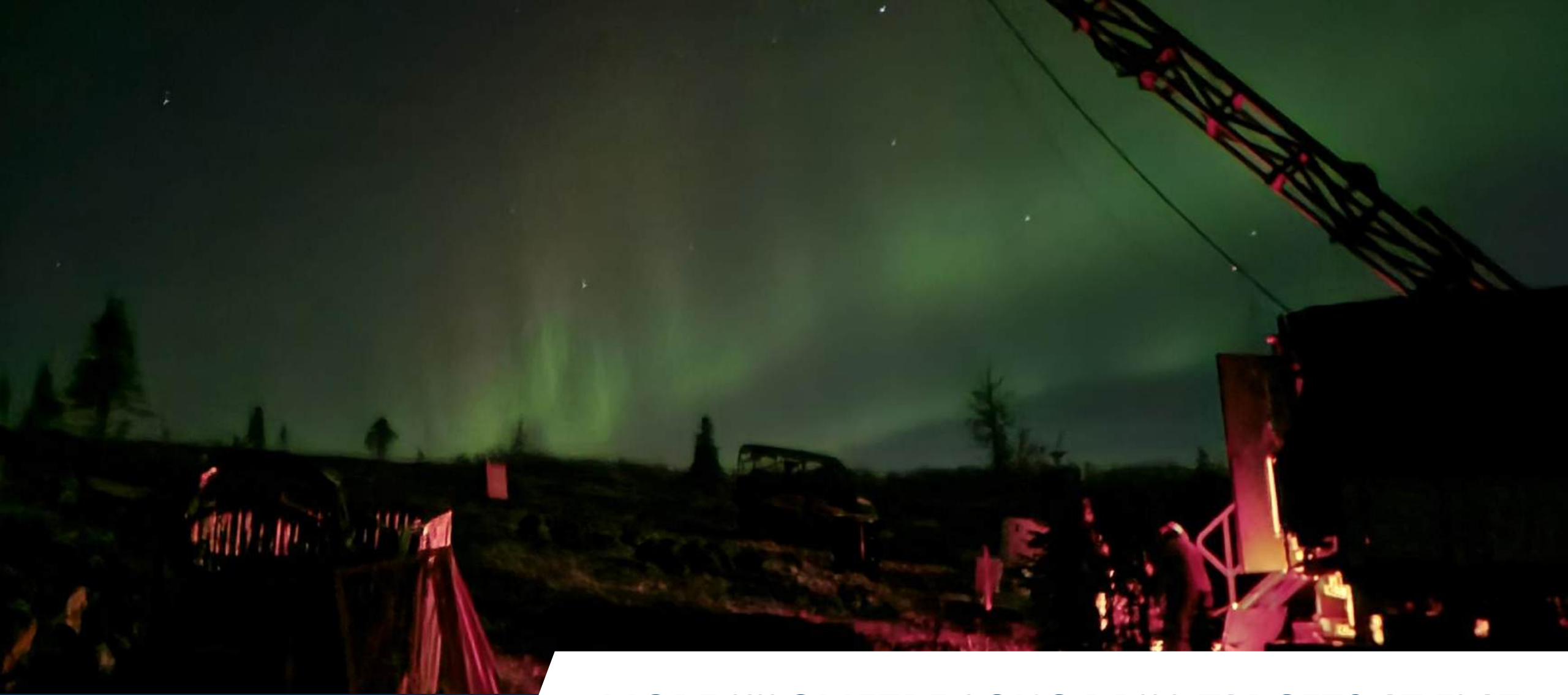


CURRENT GLOBAL AVERAGE GRADE OF OPEN PIT & UNDERGROUND DEPOSITS = 1.04 G/T AU*

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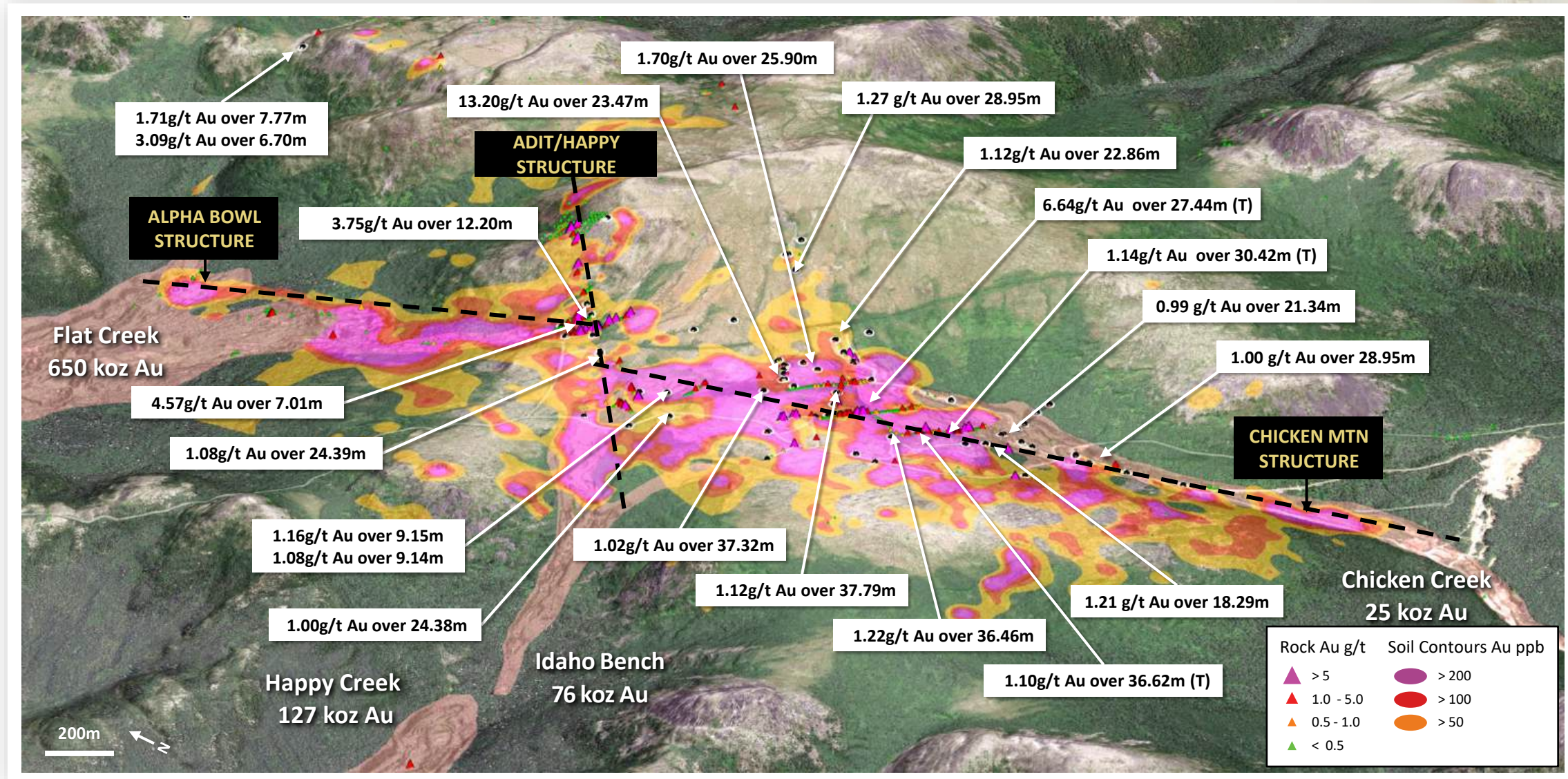


MORE KILOMETRE-LONG DRILL TARGETS AT FLAT

EACH TARGET HAS THE POTENTIAL TO BE A STAND-ALONE PROJECT

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2024 DRILL TARGET AREAS – ADIT/HAPPY, ALPHA BOWL & CHICKEN MOUNTAIN

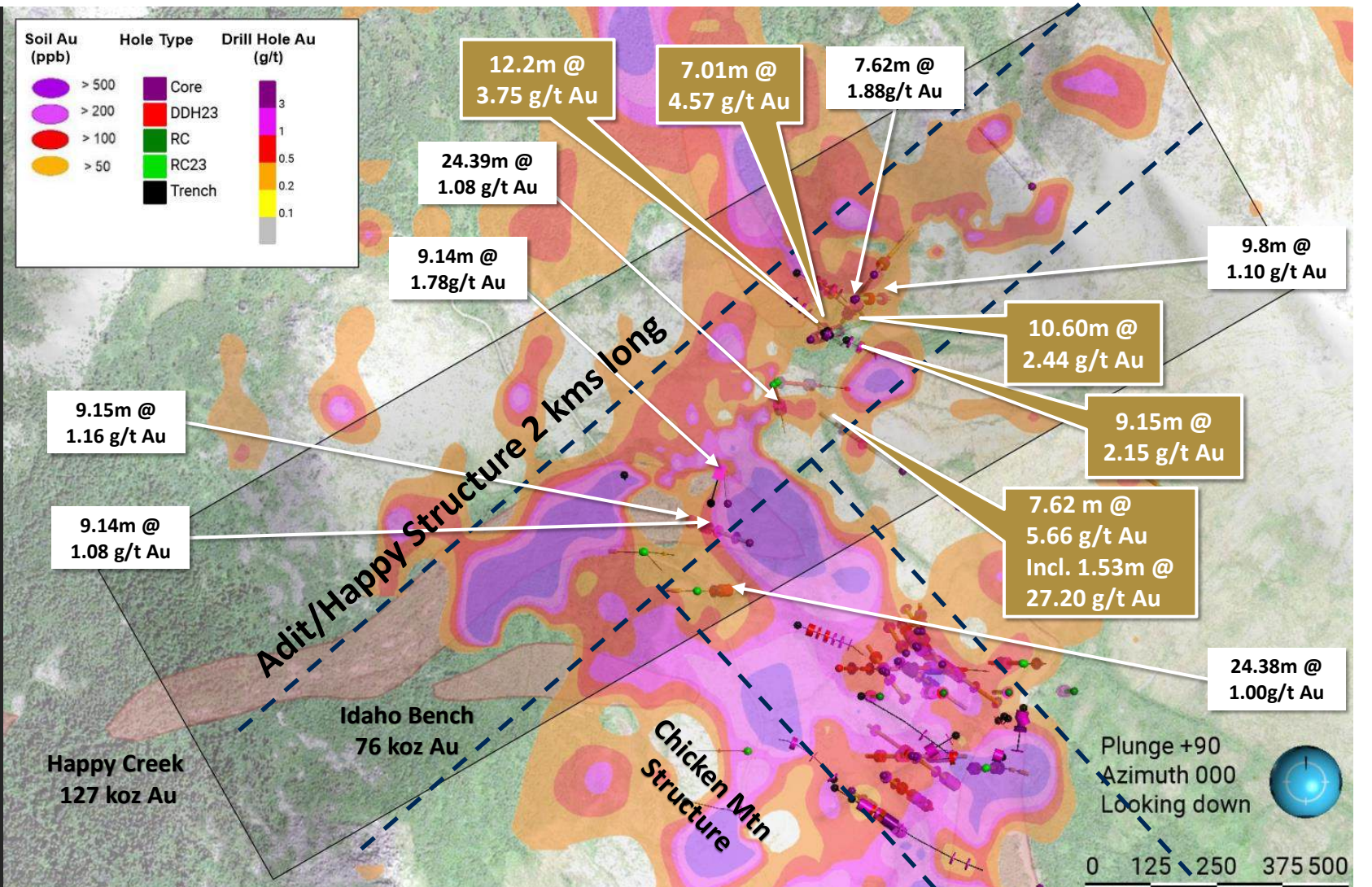


ADIT/HAPPY: DON'T TELL ME, SHOW ME THE EVIDENCE

ONLY > 1.0 G/T AU COMPOSITES SHOWN BELOW IN HISTORICAL DRILL HOLES & TRENCHES

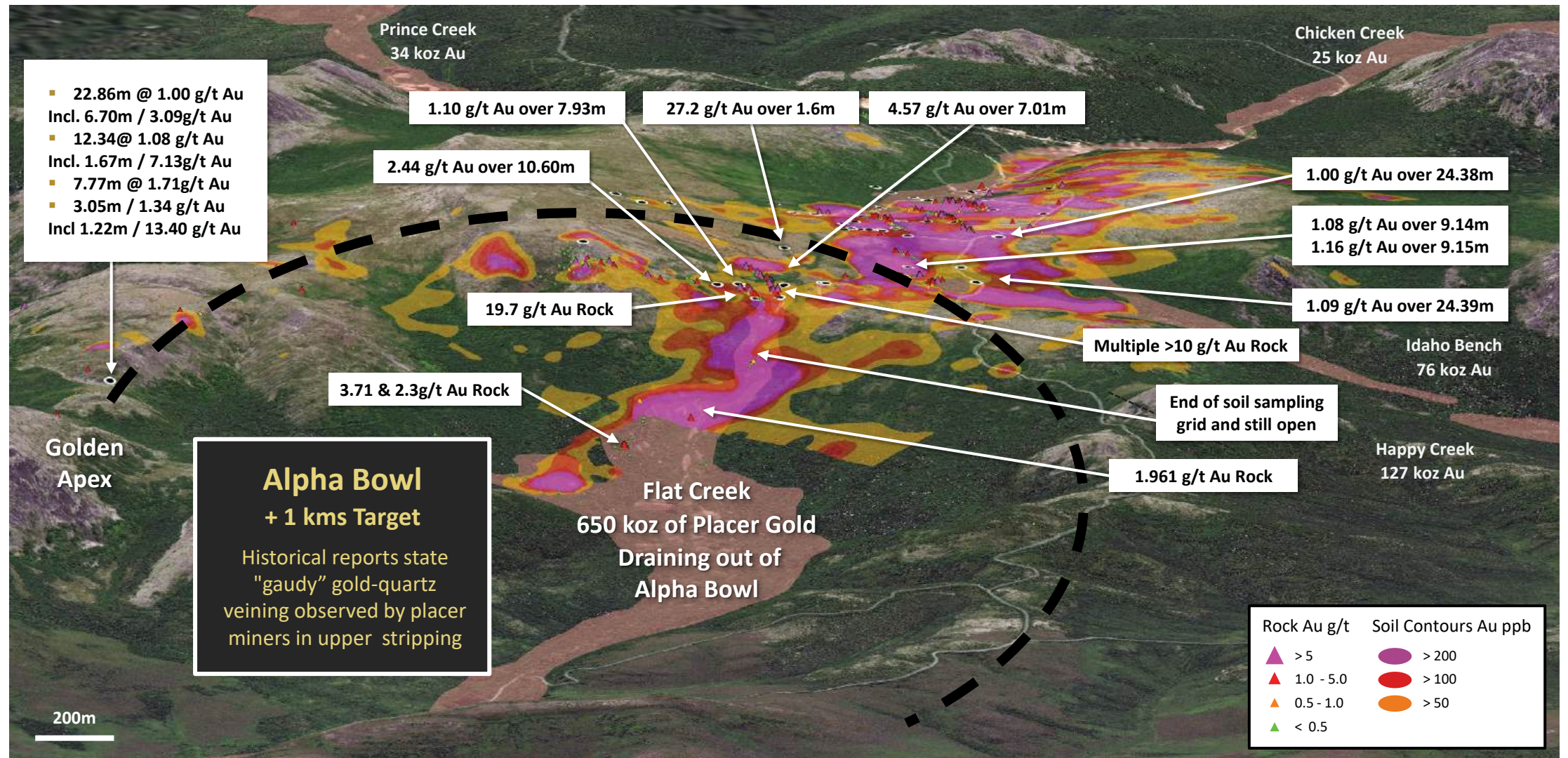
MULTIPLE LAYERS OF GEOLOGICAL EVIDENCE STACKED

1. Scale: 2 km long structural corridor NEWLY identified
2. Grade + Width: Intersecting structures typically produce enrichment on both fronts
3. Proven gold endowment:
 - a. historical drilling & trenching returned high-grade gold
 - b. ~200,000 oz of historical placer gold draining directly from target
4. Proven Exploration Methodology 100% Success Drill Rate
 - High tenor km long gold-in-soil coincident with geophysical anomaly



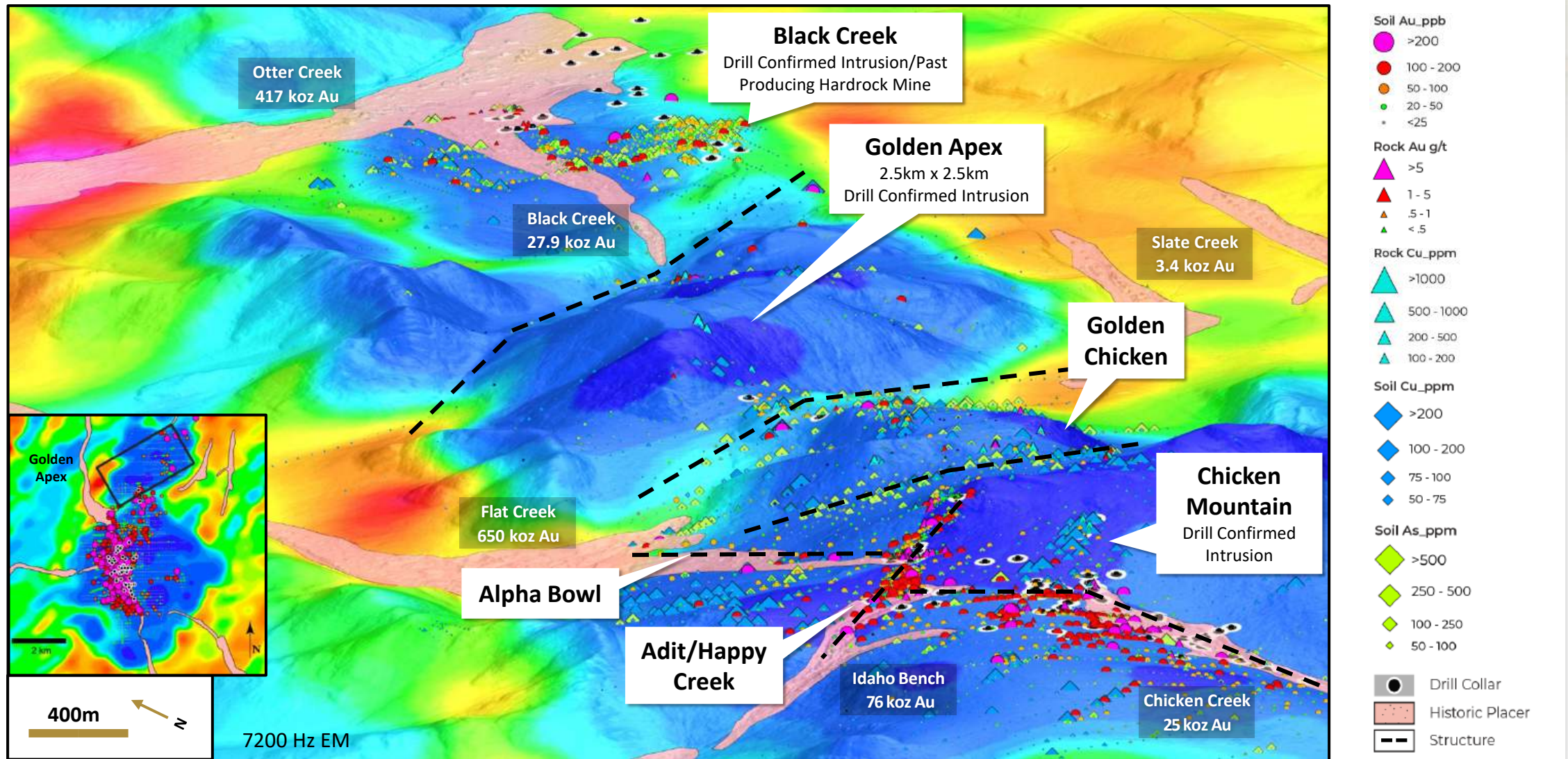
ALPHA BOWL: NEW UNTESTED, KILOMETRE-LONG DRILL TARGET

GEOLOGICAL EVIDENCE: PROLIFIC PLACER GOLD + HIGH TENOR GOLD IN ROCK & SOIL ANOMALIES + HISTORICAL DRILLING NEAR RIDGETOP + INTERSECTING STRUCTURES + FAVOURABLE GOLD HOSTED INTRUSIVE ROCKS MAPPED



DRILL TARGET AREAS: POTENTIAL INTACT INTRUSIONS

GEOPHYSICS WORKS IN IDENTIFYING INTRUSION COMPLEXES





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TETOF: OTCQB
T15B: FSE

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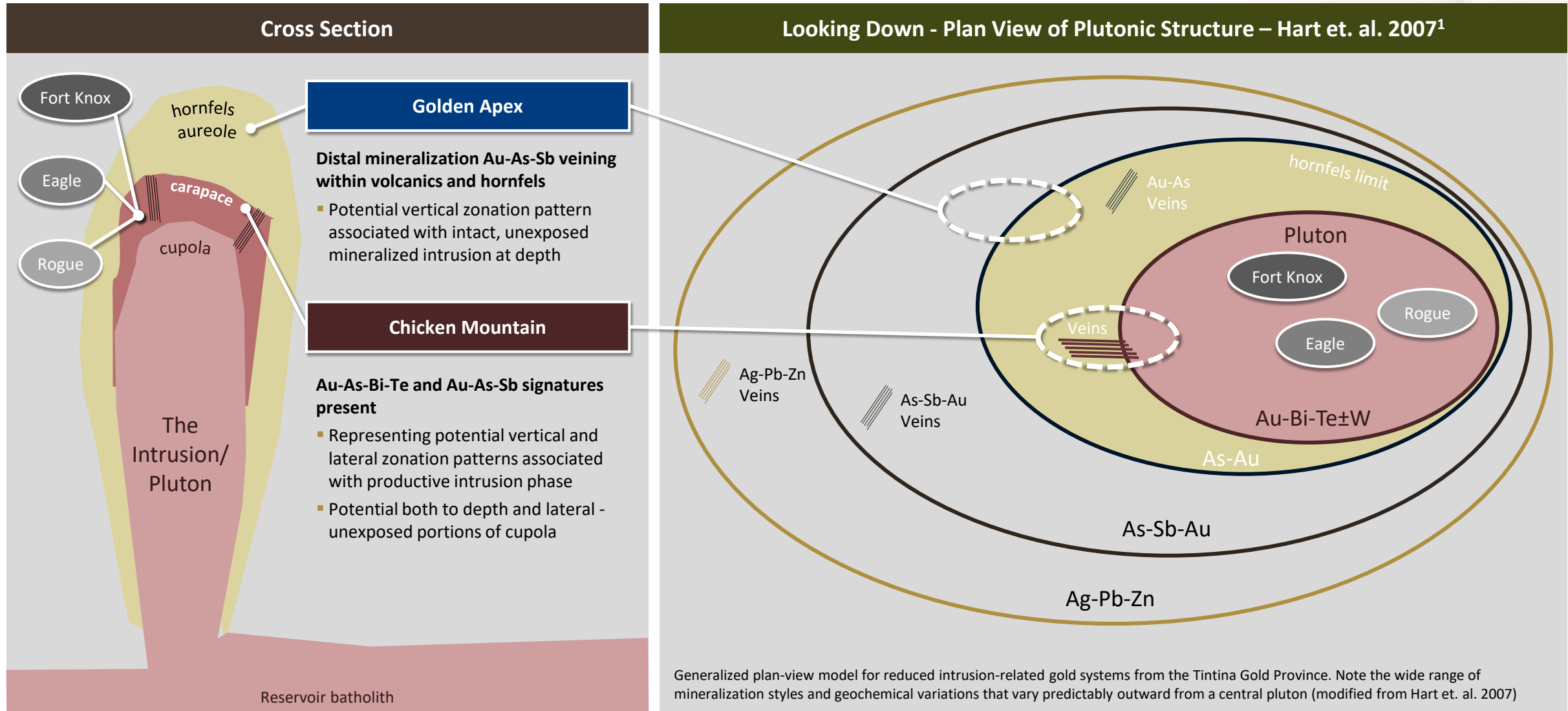
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APPENDIX



REDUCED INTRUSION-RELATED GOLD SYSTEMS

GEOCHEMISTRY, VEINING AND HOST ROCK ARE KEY INDICATORS OF PROXIMITY TO CUPOLA



GEOPHYSICS DEMONSTRATE A +11KM LONG INTRUSIVE COMPLEX

CHICKEN MTN EAST AND GOLDEN APEX LIKELY MINERALIZED BASED ON CURRENT EVIDENCE

