



THE FLAT GOLD PROJECT

ALASKA'S NEXT TIER 1 OPPORTUNITY

A SHIFT IN THE GAME

TSX-V: TECT | OTCQB: TETOF | FSE: T15B

APRIL 2024

TECTONIC
METALS INC.

FORWARD LOOKING STATEMENT AND NATIONAL INSTRUMENT 43-101 COMPLIANCE

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.

Peter Kleespies, M.Sc., P.Geo, 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.



Indigenous Shareholders

Strategic investments > \$3.5M into Tectonic by Leading For-profit Native Regional Corporation - Doyon



Target Mining Opportunities
NOT
Drill Plays

Strong Supportive Shareholders

Crescat 22% Ownership

15% Tectonic Team & Other Resource Funds



Upfront De-risking

Full-Scale Exploration - Production, IBA / ESG Agreements on Day One
Early Met Testing
3 Year Exploration Plans on all projects



Proven, Dedicated & Focused Team

Diverse skill set from Exploration through to Mining, ESG, M&A, Capital Markets and Finance










Tier One Potential Projects

Flat is one of the few projects in N. America offering a tremendous amount of scale

A COMMITTED, PROVEN AND SUCCESSFUL TEAM

INSIDE OWNERS REPRESENT THE THIRD LARGEST OWNERSHIP BLOCK






Necessary Skill Sets for Successful Exploration/Mining Companies

Team Member	Role	ESG	Mine Finder	Mining	M&A	Capital Markets	Notes
 Allison Rippin Armstrong	Chair	●	●	●	●		Environmental Biologist, UN consultant, 25 years experience in ESG and mine permitting.
 Tony Reda	Founder, CEO & President	●	●		●	●	Raised >\$200 million, \$520 million sale of Kaminak's Coffee Gold Project.
 Eira Thomas	Founder & Advisor	●	●	●	●	●	Discovery of Diavik diamond mine, CEO of Kaminak Gold, Formerly longest serving director of Suncor Energy and CEO of Lucara Diamond
 Dr. John P. Armstrong Ph.D., P. Geol.	Director	●	●	●	●		30+ years of mining, mineral exploration, and government experience including gold projects in Yellowknife, Red Lake, and the Hope Bay Greenstone Belt
 Joseph J. Perkins Jr.	Director	●		●	●	●	40+ year legal career, involved with every major resource project in Alaska including Greens Creek, Fort Knox, and Pogo mines
 Michael W. (Mick) Roper	Director		●	●	●		40+ years' international geological experience spanning the mineral resource development cycle. Past 16 years exploration and M&A for Agnico Eagle.
 Peter Kleespies M.Sc., P. Geo.	VP Exploration	●	●		●		30+ years of geological and management experience in mineral exploration globally; Hope Bay Gold discovery sold for \$1.5 billion;

TECHNICAL ADVISORY COMMITTEE

INDUSTRY LEADING STRUCTURAL EXPLORATION GEOLOGISTS AND ENGINEERS

Areas of Strength

Name	Designations	Structural Geology	Heap Leach Mining			Notes
			Design	Construct	Operate	
	Mark Smith	P.E., G.E., D.GE, S.E.	●	●	●	Mr. Smith has been involved in the design, construction, operations and closure of heap leach mine and tailings management facilities for 35 years.
	Fred Lightner	P.E.	●	●	●	Mr. Lightner is a metallurgical engineer that has over 50 years of industry experience specializing in heap leach gold project evaluation, consultation, feasibility, construction and operations.
	Dr. Corné Koegelenberg	Pr. Sci. Nat., MGSSA, MSEG	●			Dr. Koegelenberg has been responsible for over 44 projects and specializes in license- to deposit-scale exploration targeting and 3D Geomodelling.
	Dr. Ian Basson	Pr. Sci. Nat., FGSSA, MSEG, AMSAIEG	●			Dr. Basson holds a Ph.D. in Structural-Economic Geology and is an industry expert in structural interpretation of geophysical data, forward structural modelling, and targeting for exploration.
	Michael McCall	Pr. Sci. Nat., FGSSA, MSEG	●			Mr. McCall is a Principal Structural-Economic Geologist that has spent the last decade consulting for a broad range of exploration, mining and investment clients (30+ projects).

THE TECTONIC BUSINESS MODEL

EXERCISE DISCIPLINE - LINEAR THREE-YEAR EXPLORATION PLAN - EXECUTION

Tier 1 Opportunities

- ▶ Minimum 5 million oz AU potential
- ▶ +10 year mine life
- ▶ Lowest quartile operating costs
- ▶ Secure land tenure
- ▶ Stable jurisdictions



Apply Tectonic's Economic Mine Formula

Grade	Geology
Scale	
Metallurgy and Mineral Processing	Engineering
Mining Method	
Land Tenure	ESG
Permits and Benefit Agreements	
Accessibility	Infrastructure
Energy	

TECTONIC & DOYON MILESTONE PARTNERSHIP

STRATEGIC INVESTMENTS AND PROJECT AGREEMENTS WITH ALASKA NATIVE REGIONAL CORPORATION

DOYON LTD.

- ▶ One of Alaska's largest Native Regional Corporations
- ▶ Largest private landholder in Alaska (one of the largest in the USA) with 12.5M acres of land selected mostly on the basis of mineral prospectivity, including the Flat Gold Project
- ▶ Over 20,000 shareholders
- ▶ 20-year history of mineral, oil and gas exploration agreements with both junior and senior companies

TECTONIC & DOYON MILESTONE PARTNERSHIP

- ▶ Strategic investments >\$3.5 million by Doyon into Tectonic
- ▶ Doyon is currently Tectonic's second largest shareholder
- ▶ Innovative Discovery-to-Production, ESG/IBA Lease Agreements signed on multiple projects

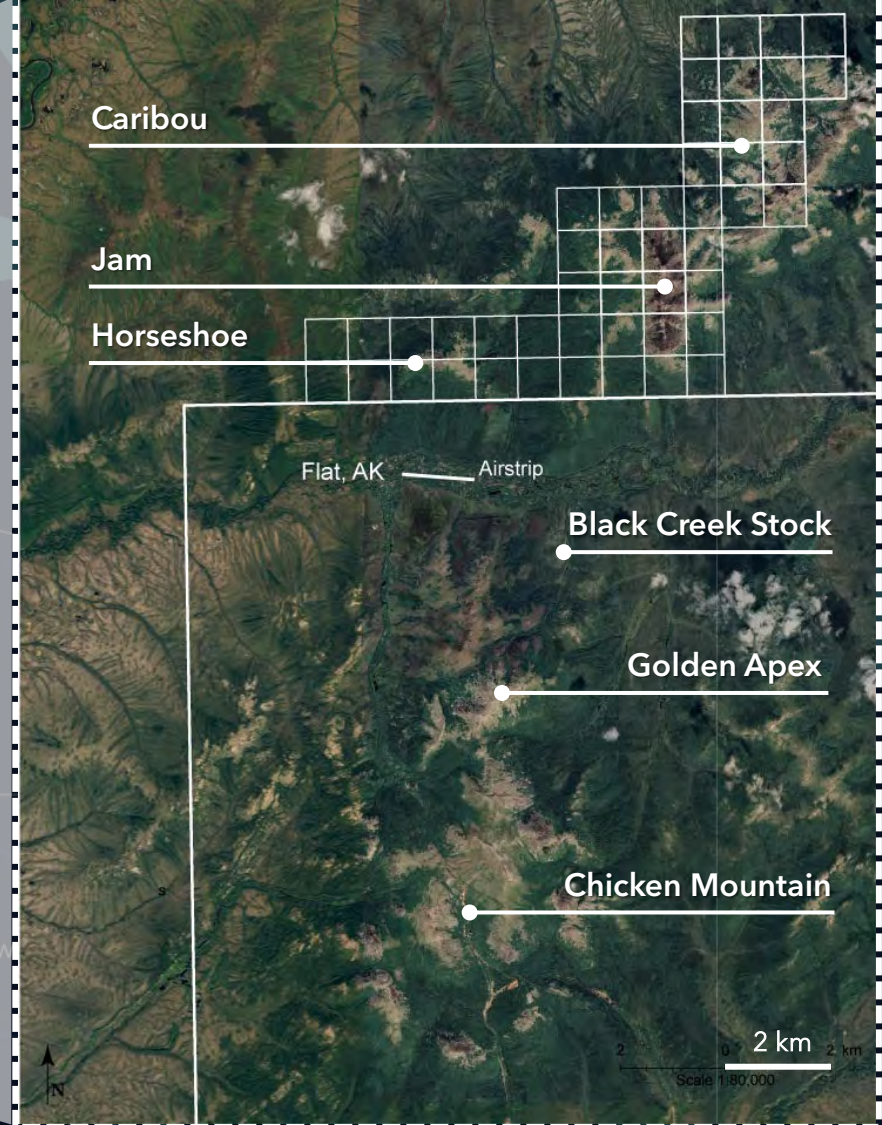


Geology

Engineering

ESG

Infrastructure



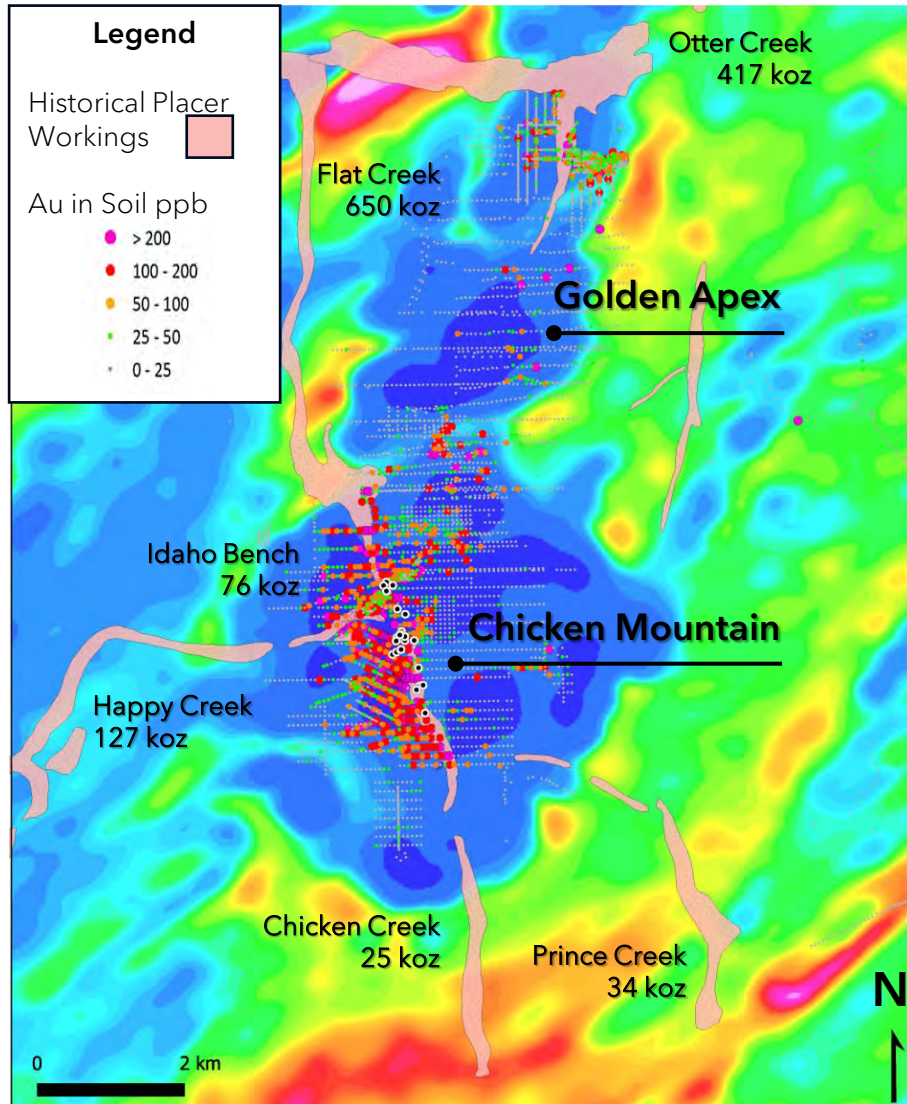
TECTONIC
METALS INC.

THE FLAT GOLD SYSTEM

- ▶ 6 CONFIRMED AND POTENTIAL INTRUSIONS
- ▶ CHICKEN MOUNTAIN - BULK OPEN PIT HEAP LEACH OPPORTUNITY

CHICKEN MOUNTAIN - BIG DEPOSITS LEAVE BIG FOOTPRINTS

1.8 KMS OF DRILLED STRIKE, 300 METRES VERTICAL DEPTH (OPEN)



1.4Moz¹ recorded placer production

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

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

- ▶ Unglaciated terrain
- ▶ < 50% drill tested and open

74 drill holes

- ▶ All hit gold mineralization
- ▶ 37 of 74 drill holes ending in mineralization

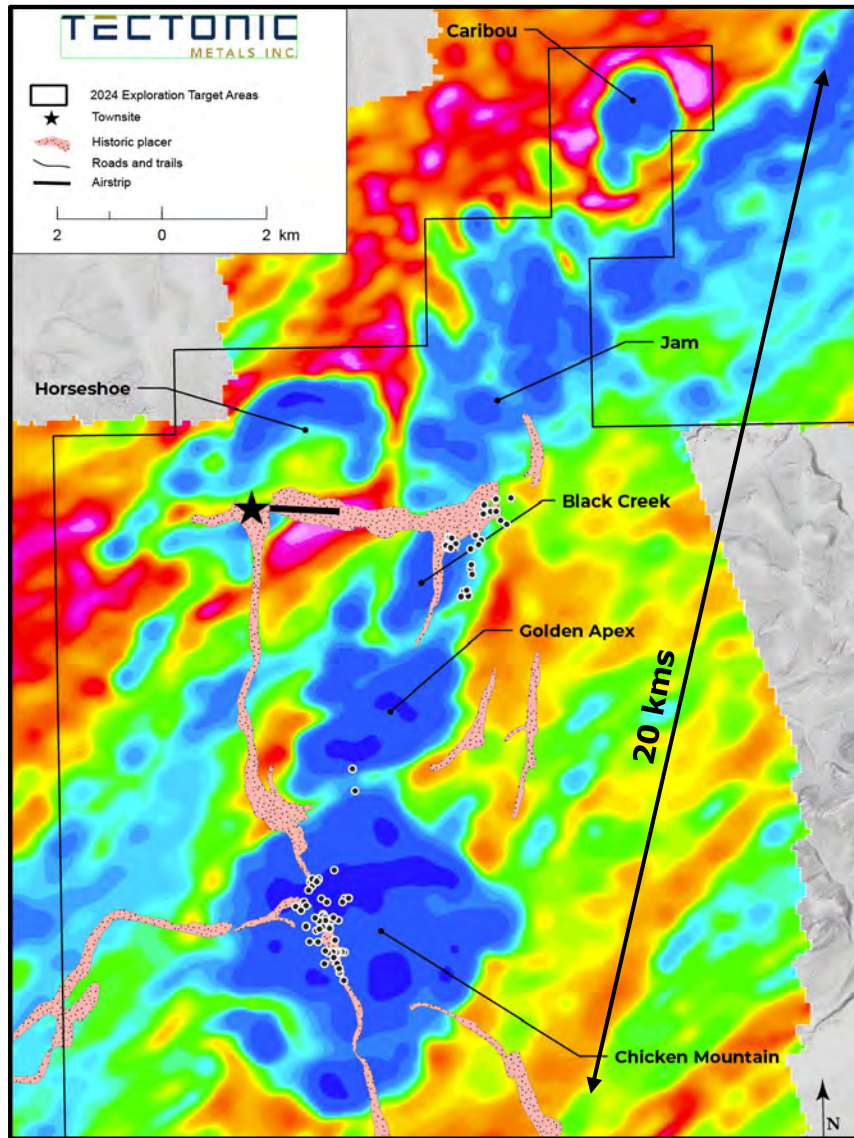
96% gold recovery (average)

- ▶ Tectonic de-risking: metallurgical testing on historic drill core
- ▶ Potential open-pit, heap leach opportunity

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

THE FLAT GOLD SYSTEM: SIX DISTRICT SCALE INTRUSION TARGETS

20 KMS "STRING-OF-PEARLS" GEOPHYSICAL TREND



Intrusion Target	Intrusion Status	Area of Geophysical Anomaly	Recorded 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 Stock	Confirmed	1.5 km x 1.5 km	445,000 oz (Otter and Black Creek)
Golden Apex	Potential	2.5 km x 2.5 km	682,000 oz (Flat, Slate, Black Creeks)
Chicken Mountain	Confirmed	6.5 km x 5.6 km	954,000 oz (Flat, Happy, and others)

BULK TONNAGE INTRUSION-RELATED TINTINA GOLD SYSTEMS

NOTABLE ANALOGUE MINES & PROJECTS IN TINTINA GOLD PROVINCE

Project	Donlin ¹	Flat	Fort Knox ²	Eagle ³	Rogue ⁴
Company	Barrick & Novagold	Tectonic Metals	Kinross	Victoria Gold	Snowline
Production History	30,000 oz (Placer)	1.4 million oz (Placer)	9.0 million oz	448,000 oz	-
Resource (Measured and Indicated - incl 2P)	39 million oz	Discovery Stage	3.0 million oz	4.3 million oz	Discovery Stage
Mining & Processing	Open pit, refractory	Target: open pit, heap leach	Open pit, heap leach	Open pit, heap leach	Target: Open pit free milling
Average Grade	2.24 g/t	-	0.30 g/t	0.65 g/t	-
Recovery	90%	96% (preliminary)	81-83%	68-79%	88%-96% (preliminary)



1) [Donlin 2021 NI 43-101 Technical Report](#). Tonnage: 541,337kt at 2.24g/t Au. Measured & Indicated: 39,007koz Au. Assuming an average recovery of 89.5% and average 5% grade of 1.07, the marginal gold cut-off grade is 0.47 g/t. Gold price of \$1,200/oz is assumed. 2) [Dec. 31, 2022 Annual Mineral and Resource Statement](#). Proven & Probable Mineral Reserves 1,935koz Au. Mineral Resources are estimated at a cutoff grade of 0.30 g/t Au. 3) [2023 Eagle Gold Mine NI 43-101 Technical Report](#). Proven and Probable Mineral Reserves total 118M t at 0.65 g/t Au, containing 2,407k oz Au. The current Eagle Zone Mineral Resources are reported as in-pit resources at a cut-off grade of 0.20 g/t Au. Gold price of \$1,550/oz is assumed. 4) [2020 NI 43-101 Technical Report](#), Recovery based on [Metallurgical testing](#).

FLAT PROJECT: EXISTING AND NEARBY LOCAL INFRASTRUCTURE

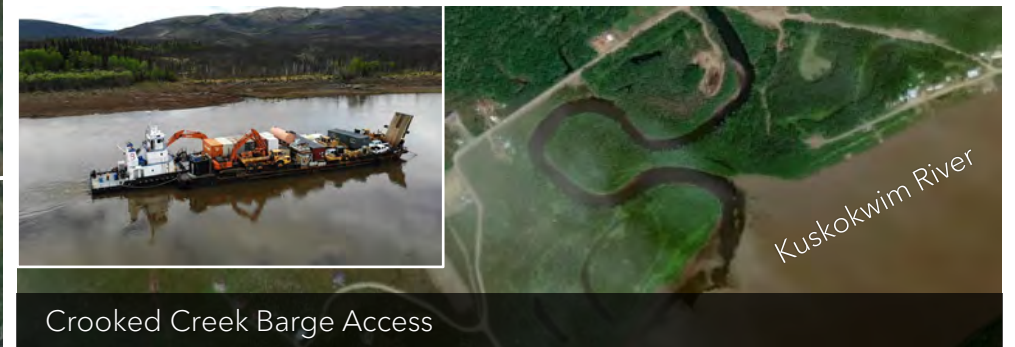
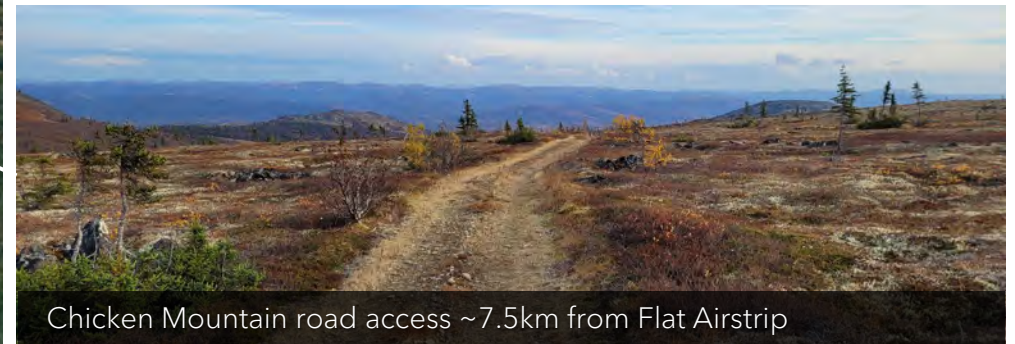
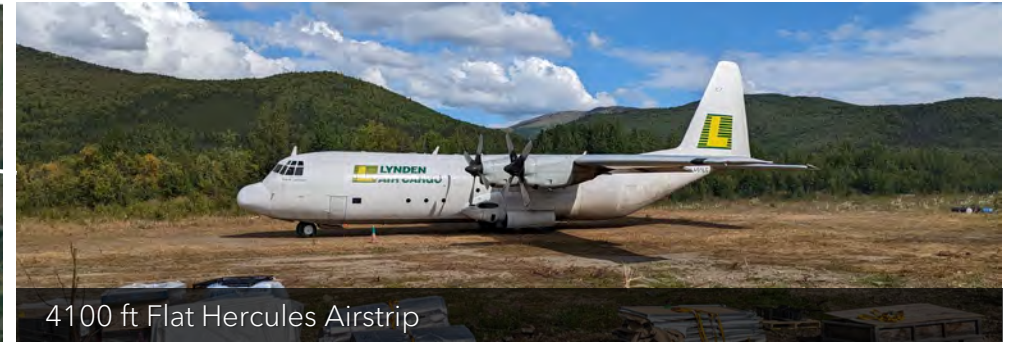
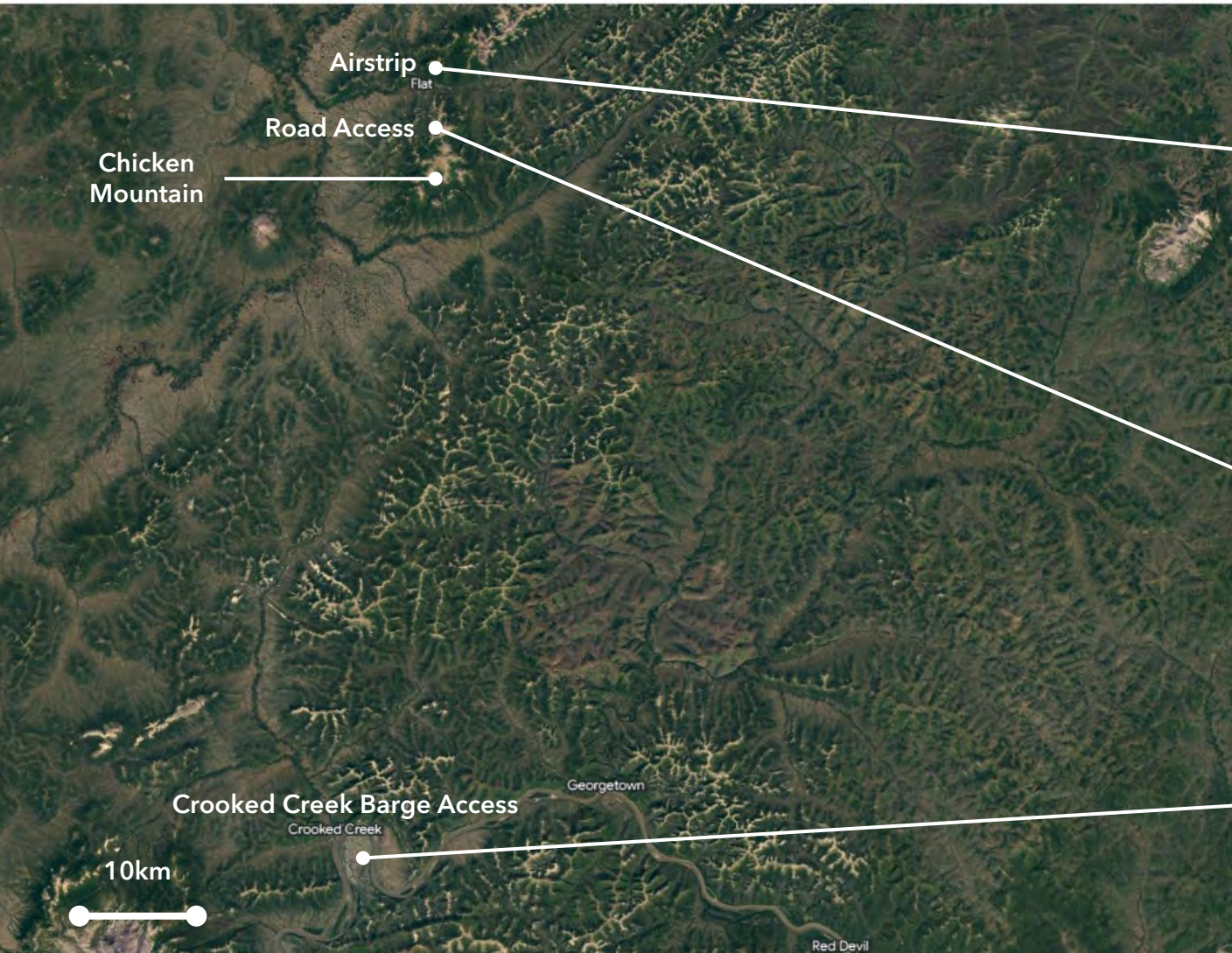
TICKING THE BOXES ON INFRASTRUCTURE



- ▶ **On-site 4,100 ft Flat airstrip**
 - ▶ Hercules (48,000 lbs payload) capable
- ▶ **Road access** from airstrip to mineralized zones
- ▶ **Commercial river barge access**
 - ▶ Kuskokwim river barge open 6 months out of the year
 - ▶ Winter trail from Crooked Creek to Flat
- ▶ **Permitted natural gas pipeline**
 - ▶ Donlin natural gas pipeline in close proximity

FLAT'S ONSITE AND NEARBY INFRASTRUCTURE

ROADS TO MINERALIZED ZONES, ONSITE HERCULES AIRSTRIP, COMMERCIAL BARGE ACCESS



Geology

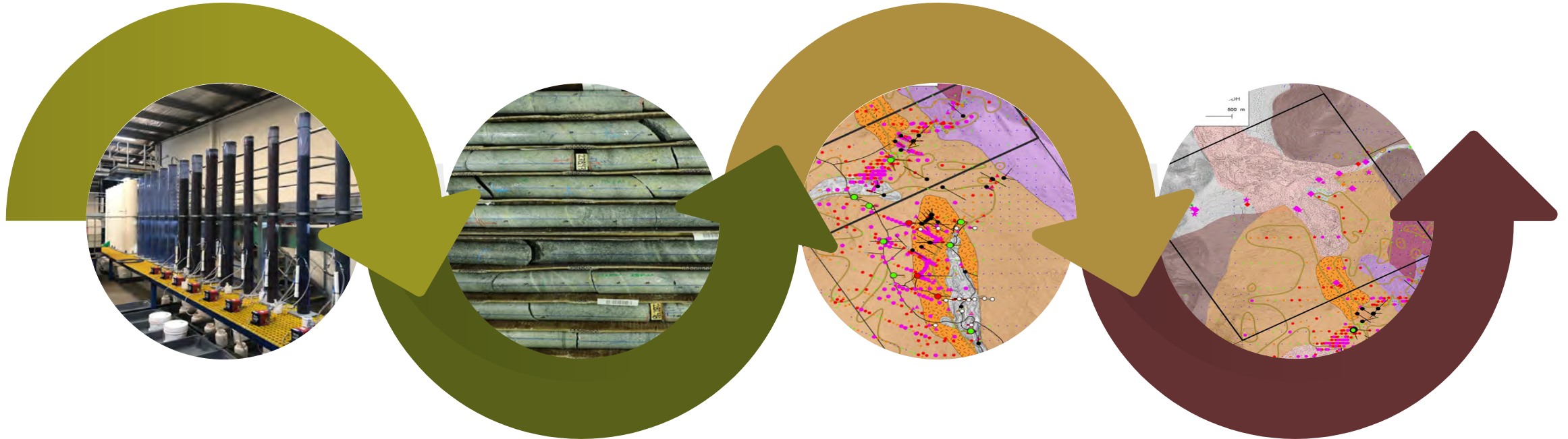
Engineering

ESG

Infrastructure

2024 VALUE CREATION STRATEGY

METICULOUSLY PLANNED ACTIVITIES = LOW-COST DE-RISKING + HIGH IMPACT DRILLING



2024 Met Column Testing Program

Continue to de-risk and validate heap leach potential

Tectonic Uncovers Historical Drill Core

744m (4 holes) of historical, unsampled drill core where select samples yielded up to 20 g/t Au. Full drill hole assaying now underway.

2024 Drilling Planned Across Multiple Targets

New kilometre long drill targets, including new intrusion targets, and testing of higher grade sections at Chicken Mountain



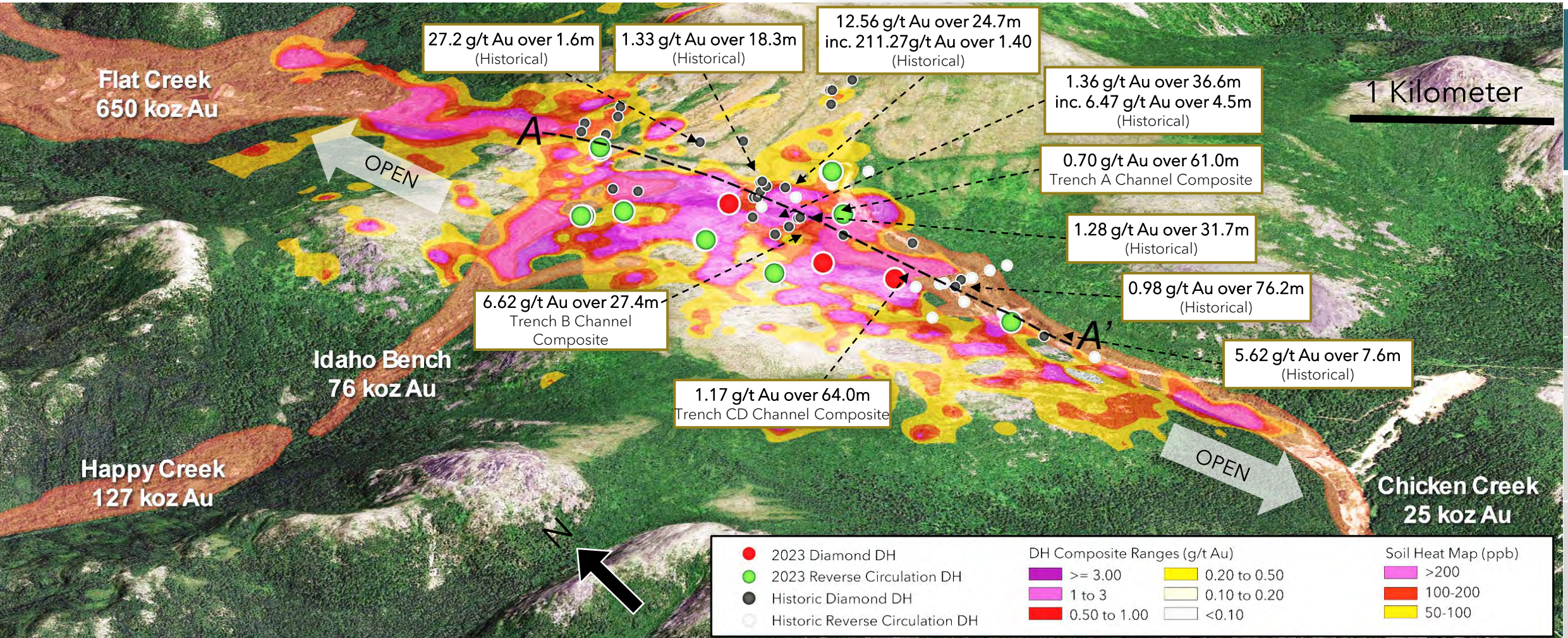
TECTONIC
METALS INC.

CHICKEN MOUNTAIN INTRUSION

MULTI-MILLION OUNCE OPEN-PIT POTENTIAL

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

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



Geology

Engineering

ESG

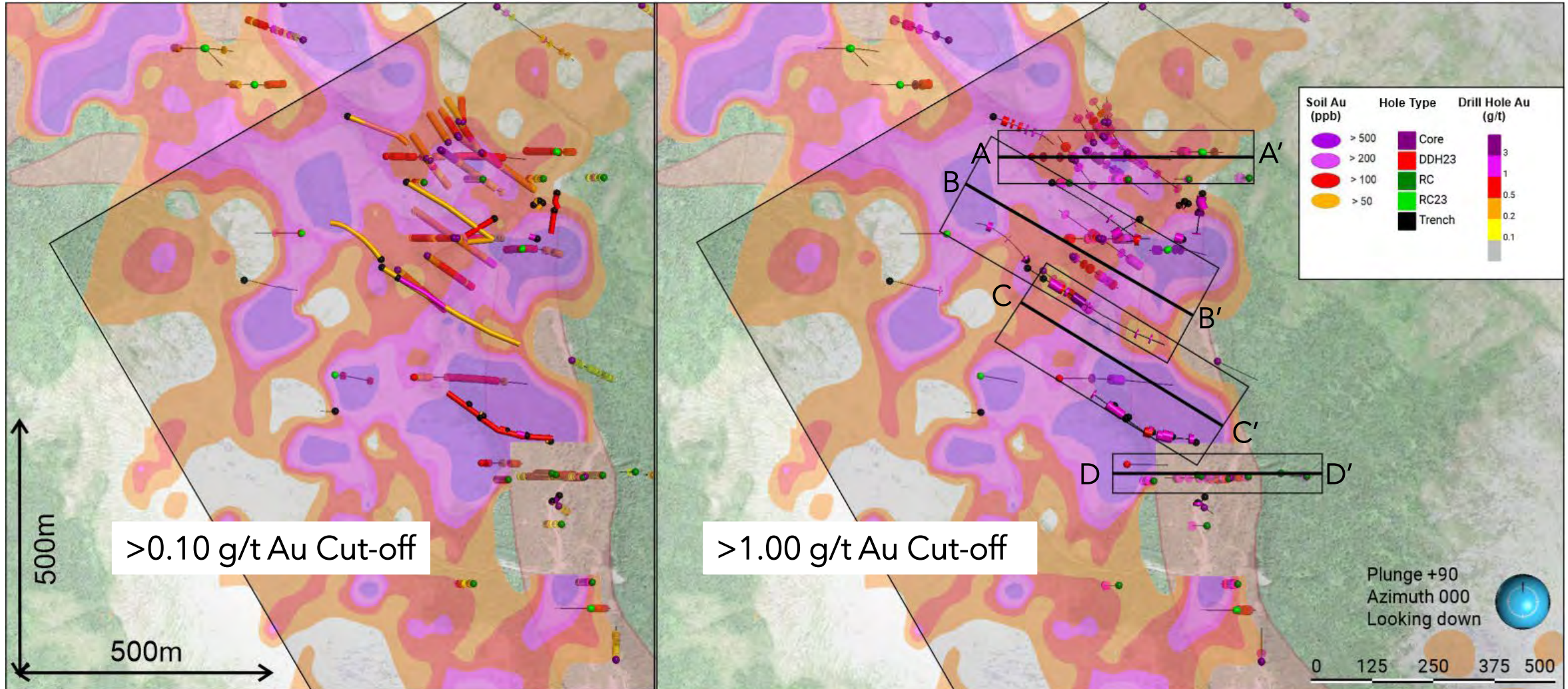
Infrastructure

*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*

CHICKEN MOUNTAIN GOLD CUT-OFF COMPARISONS

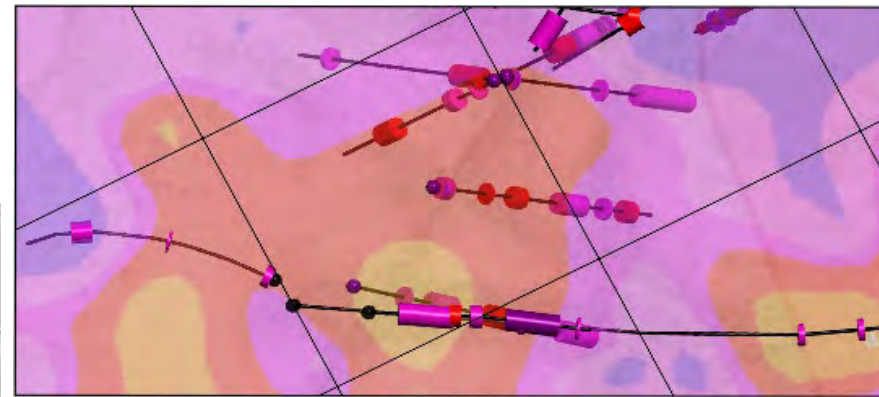
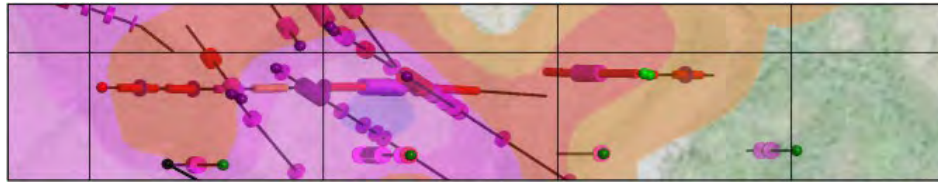
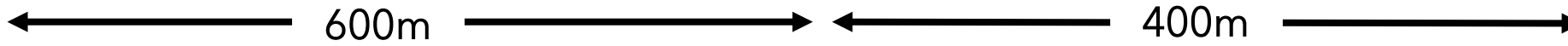
CURRENT GLOBAL AVERAGE GRADE OF OPEN PIT & UNDERGROUND DEPOSITS = 1.04 G/T AU*

Drill Hole + Trench Composites

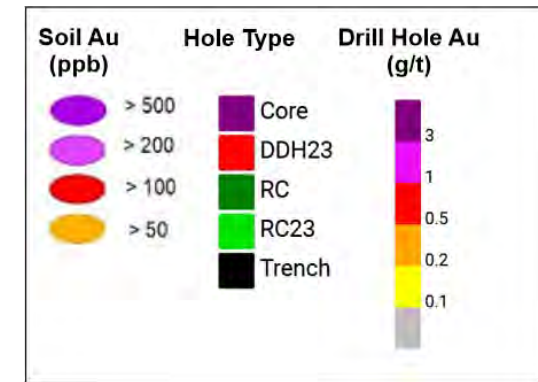
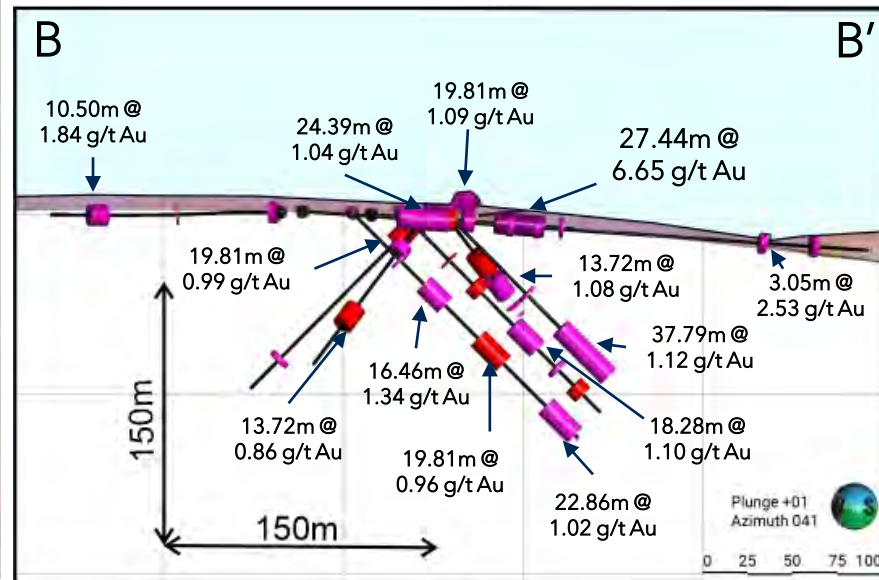
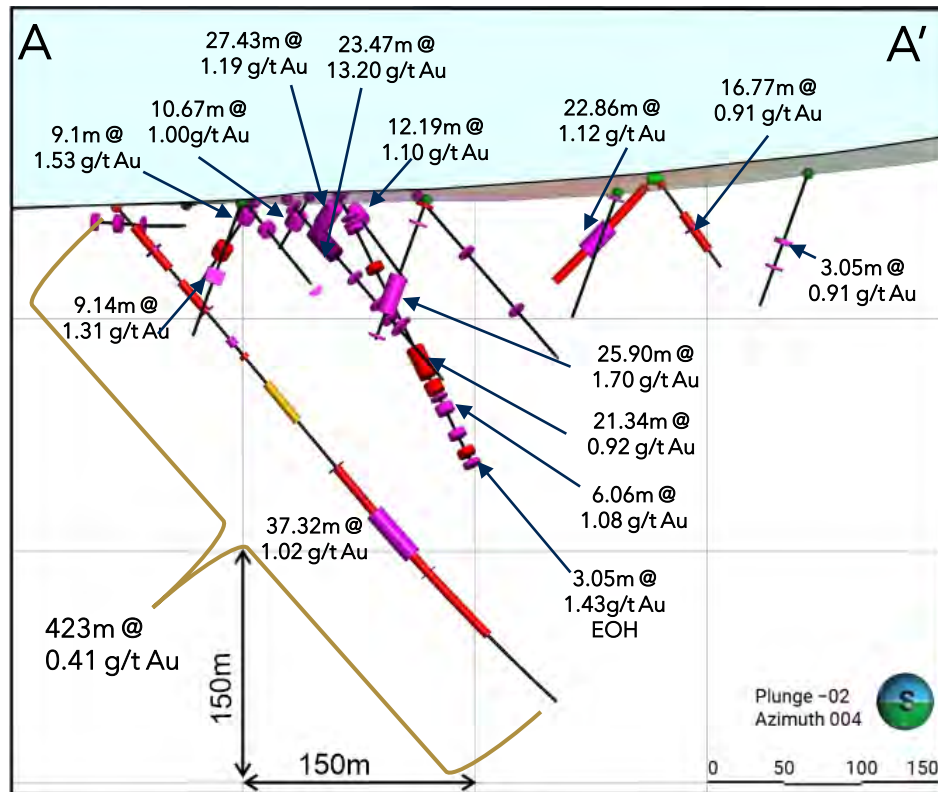
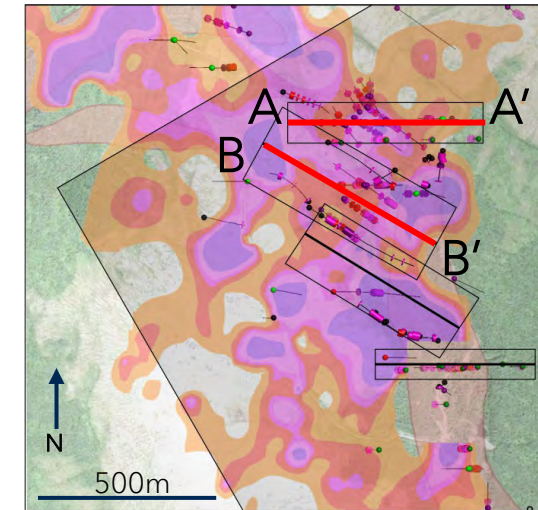


2024 TARGET AREAS: CHICKEN MOUNTAIN - POTENTIAL HIGH GRADE STARTER PITS

CROSS SECTIONS USING ONLY ~1.00 G/T AU CUT-OFF

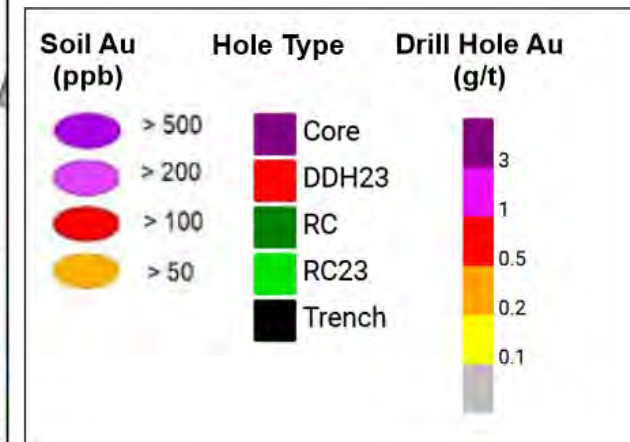
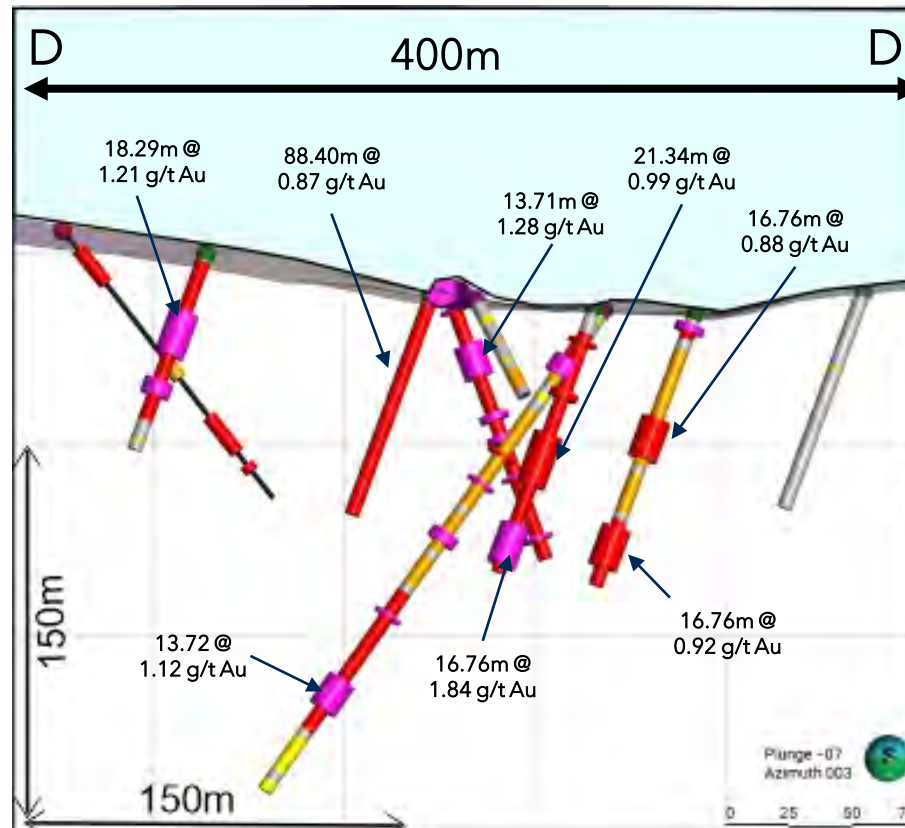
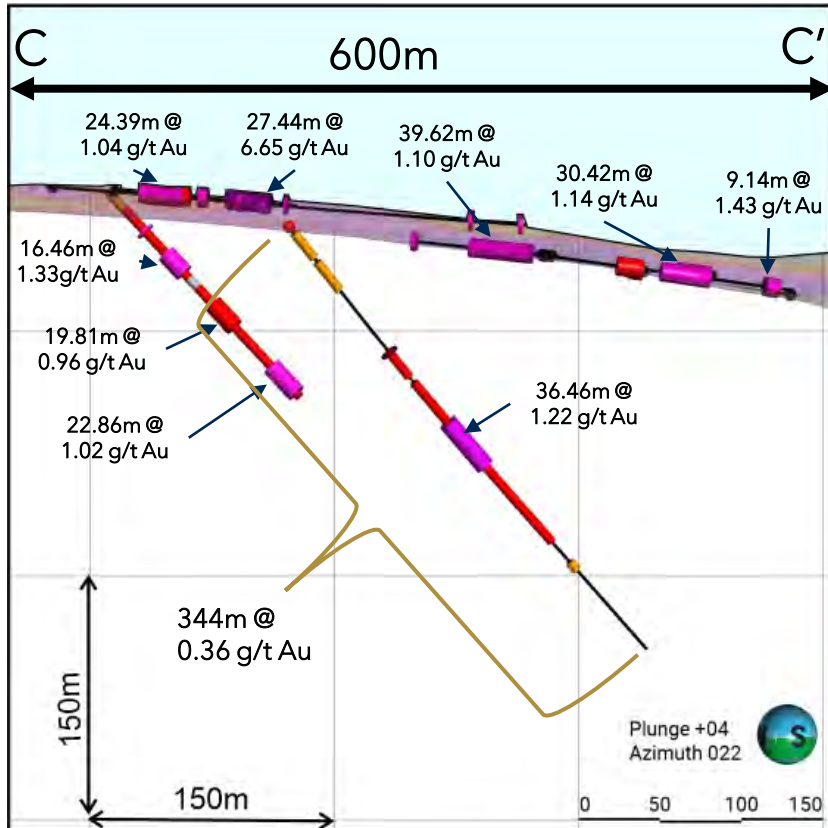
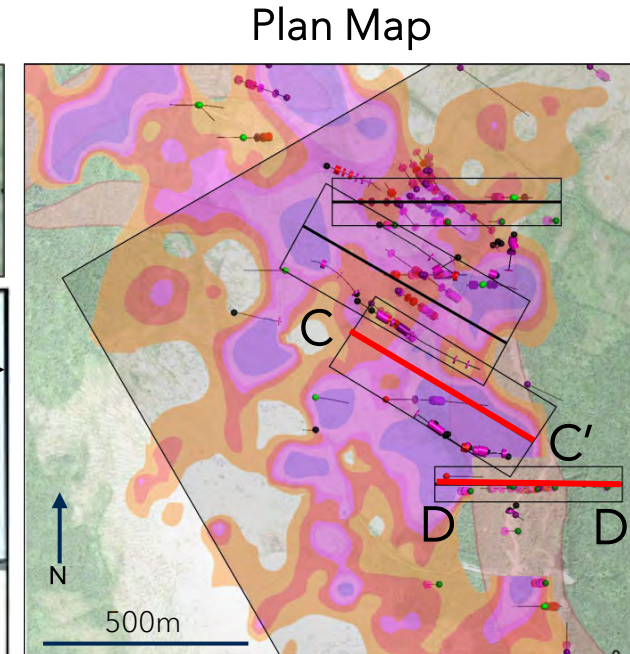
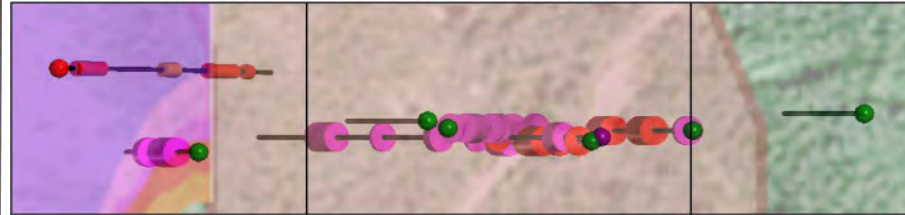
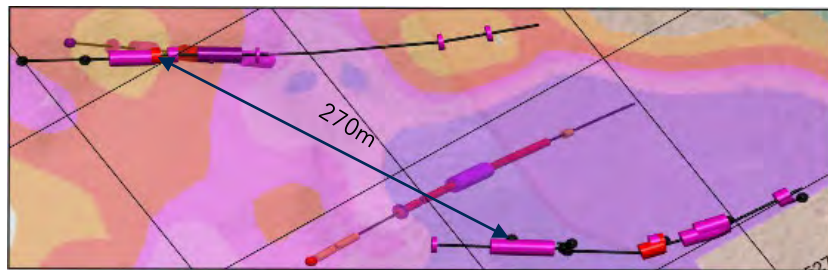


Plan Map

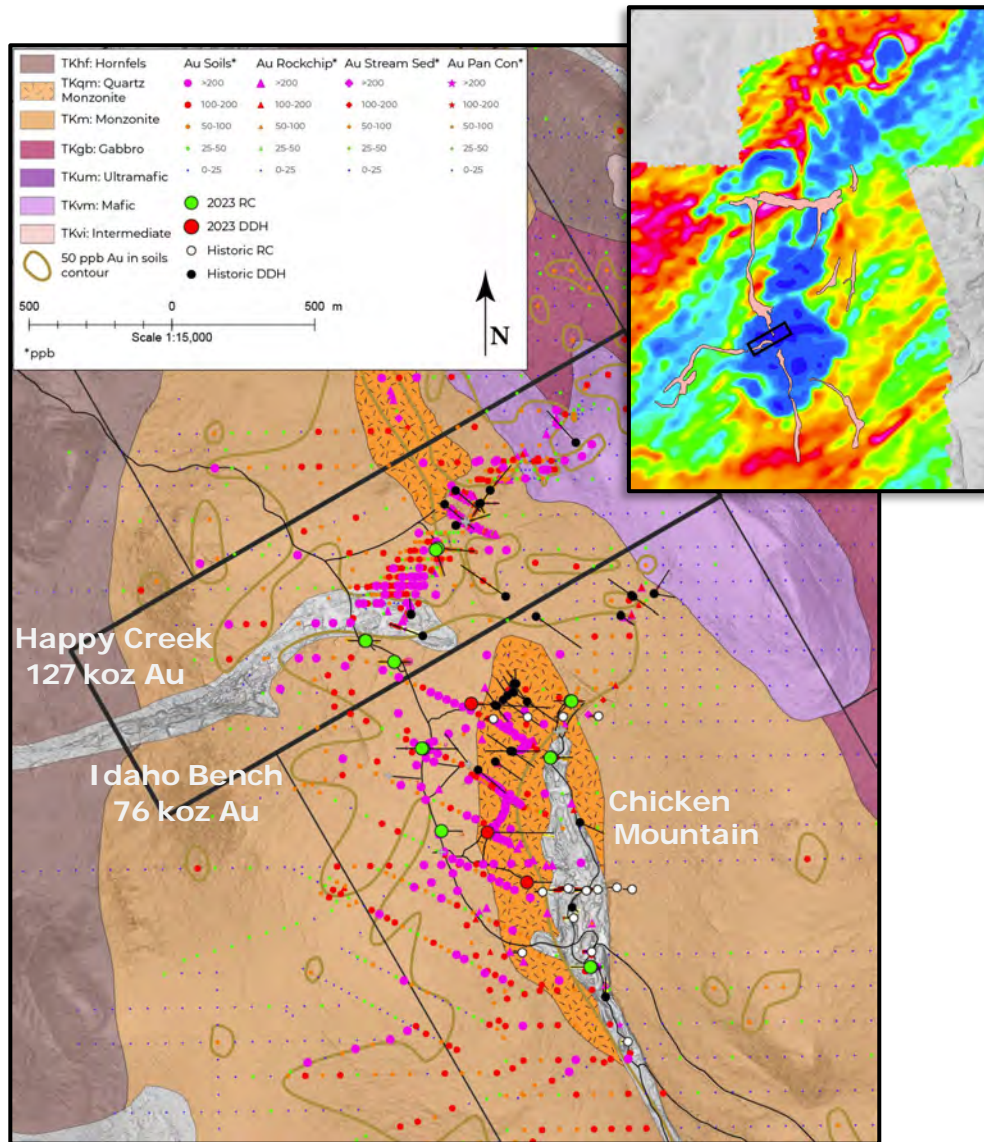


2024 TARGET AREAS: CHICKEN MOUNTAIN - POTENTIAL HIGHER GRADE STARTER PITS

CROSS SECTIONS USING ONLY ~1.00 G/T AU CUT-OFF



2024 DRILL TARGET AREA: ADIT/HAPPY CREEK STRUCTURE



Proposed Exploration Methodology

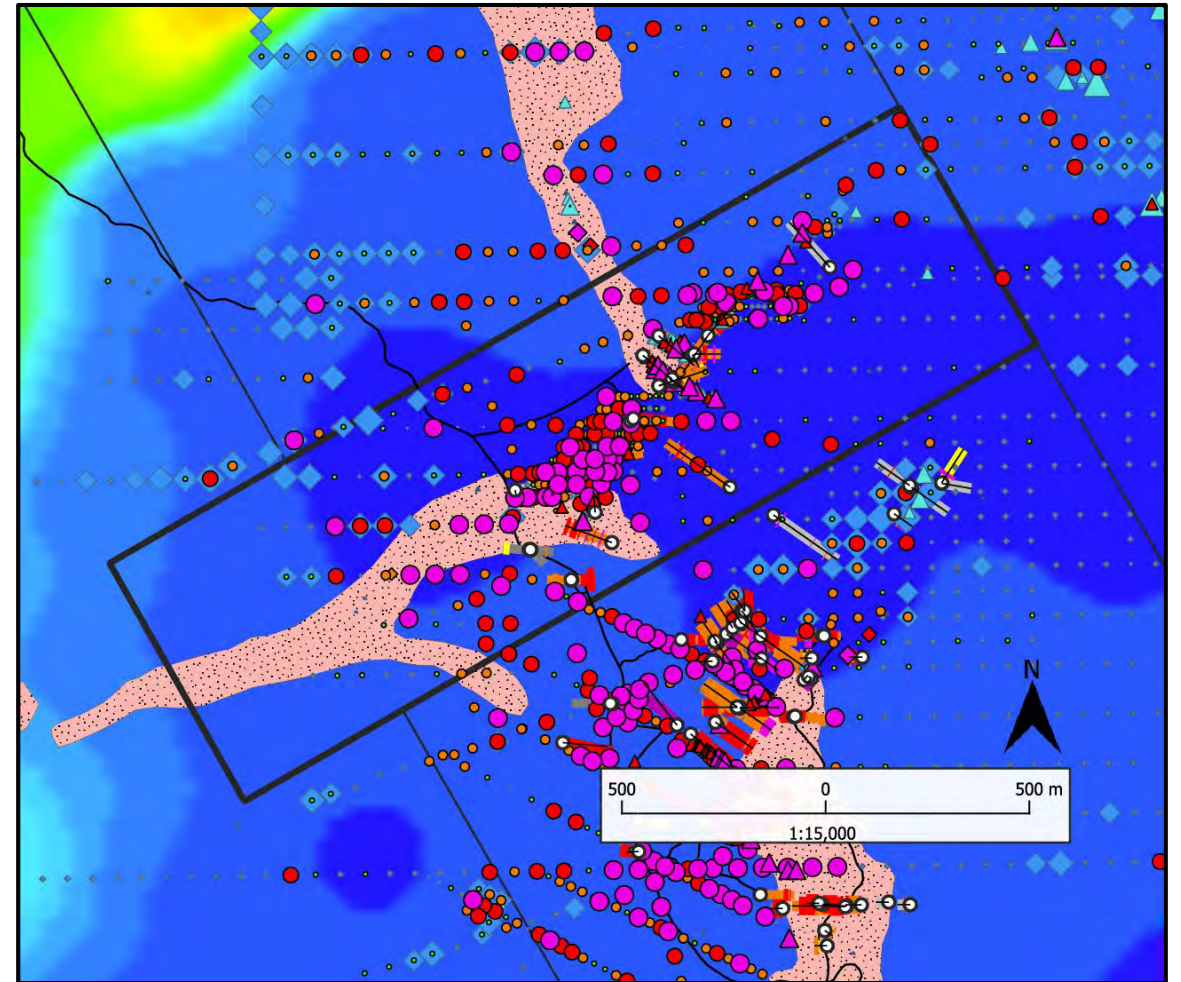
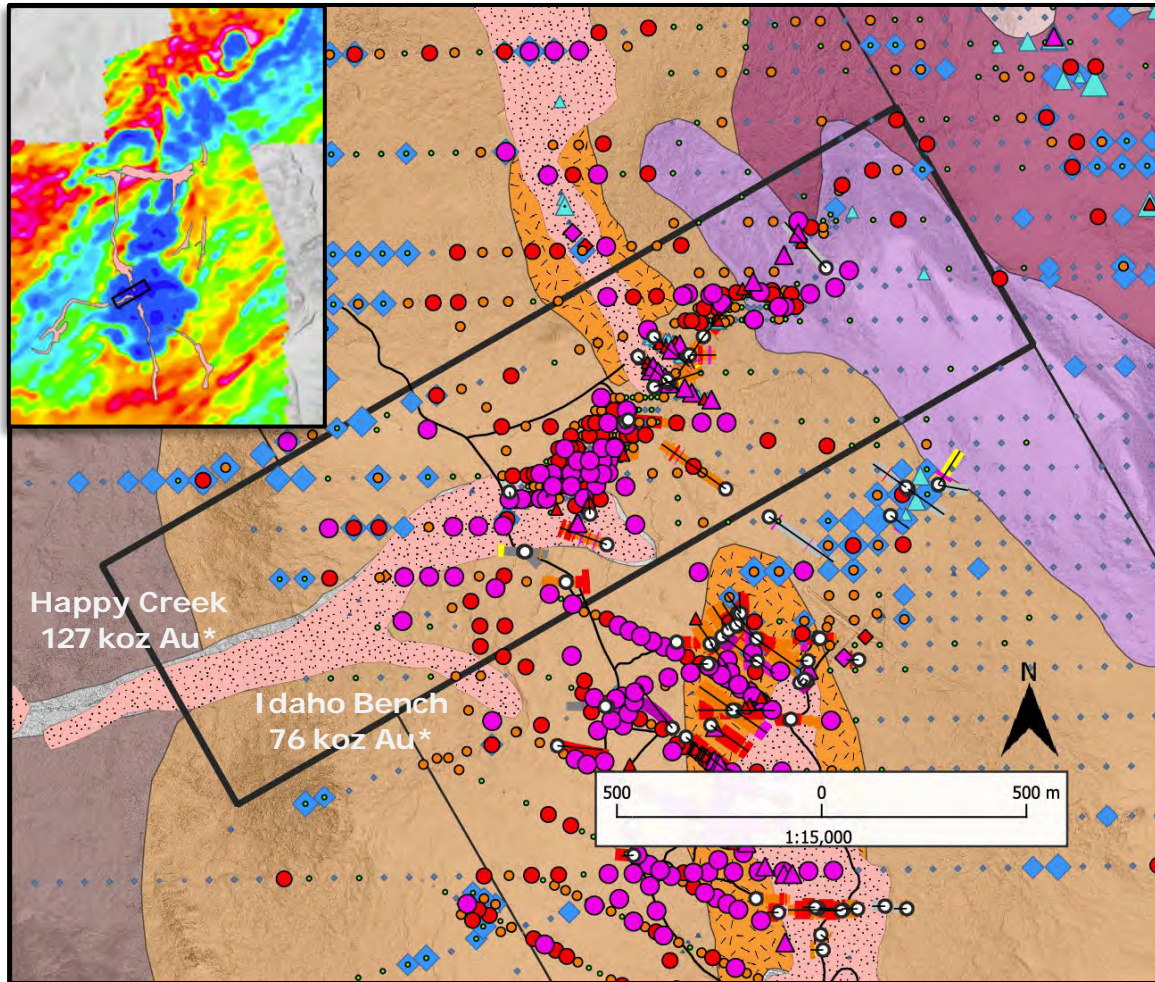
	Geophysics	Mapping/ Prospecting	Soil Sampling	Trenching	RC Drilling	Diamond Drilling
Adit/Happy Creek	✓	✓		✓	✓	✓

- NNE striking zone of intrusion hosted mineralization with strong structural control
- Intersection with Chicken Mtn structure untested
- Drilled historically over 1000m of mineralized strike
- Open for expansion in all directions and to depth
- +1 km long high tenor gold in soil anomaly
- Placer gold draining from structure¹
- RC Fences and Trenching to define boundaries of mineralized envelope
- Diamond drilling to define structural orientation

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

2024 DRILL TARGET AREA: 2KM LONG ADIT/HAPPY CREEK STRUCTURE

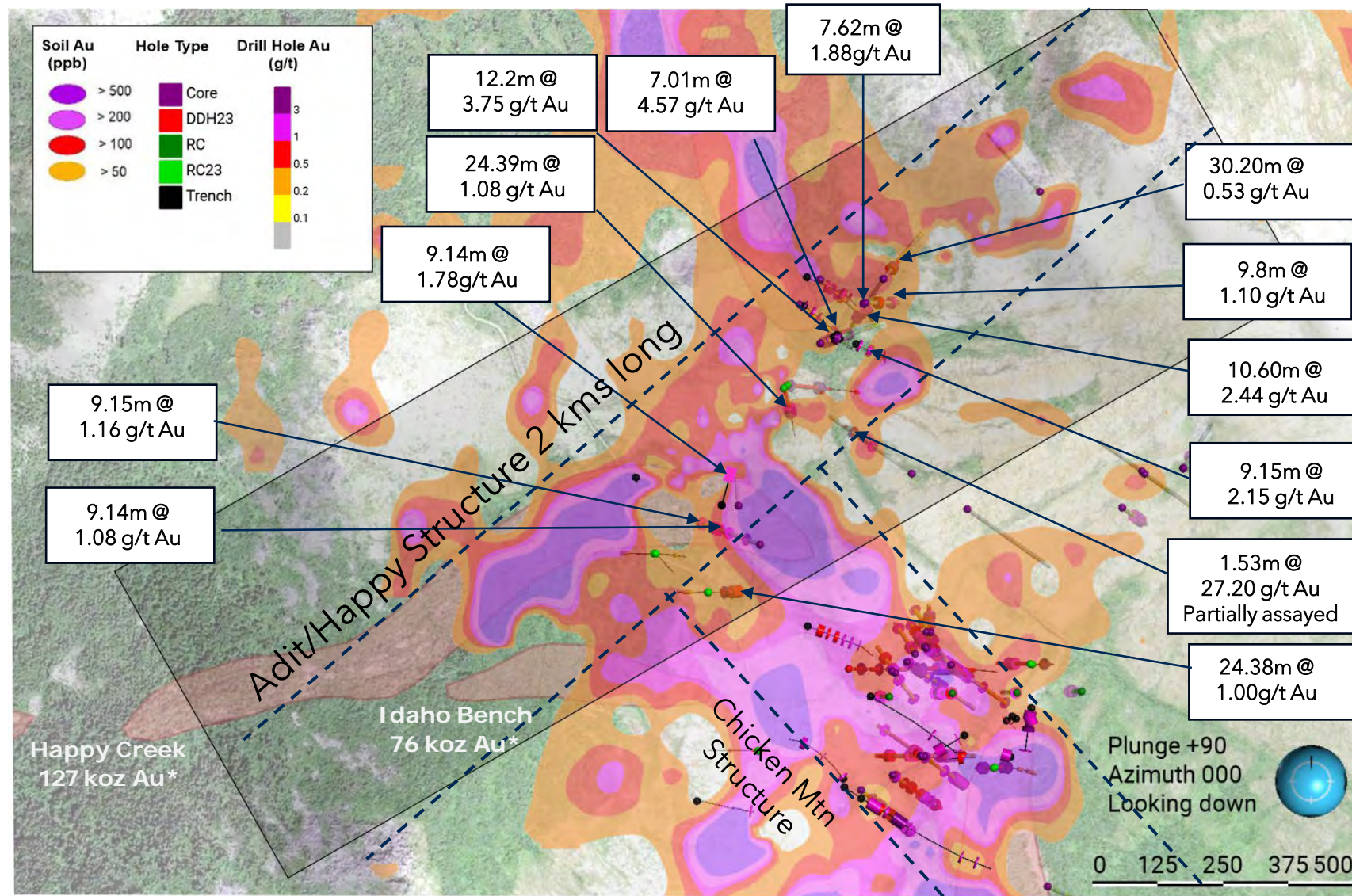
+1 KMS OF HIGH TENOR GOLD IN SOILS + HISTORICAL DRILLING



*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"

2024 DRILL TARGET AREA: 2KM LONG ADDIT/HAPPY CREEK STRUCTURE

ANNOTATED ~1.00 G/T AU IN DRILL HOLE AND TRENCH



* 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

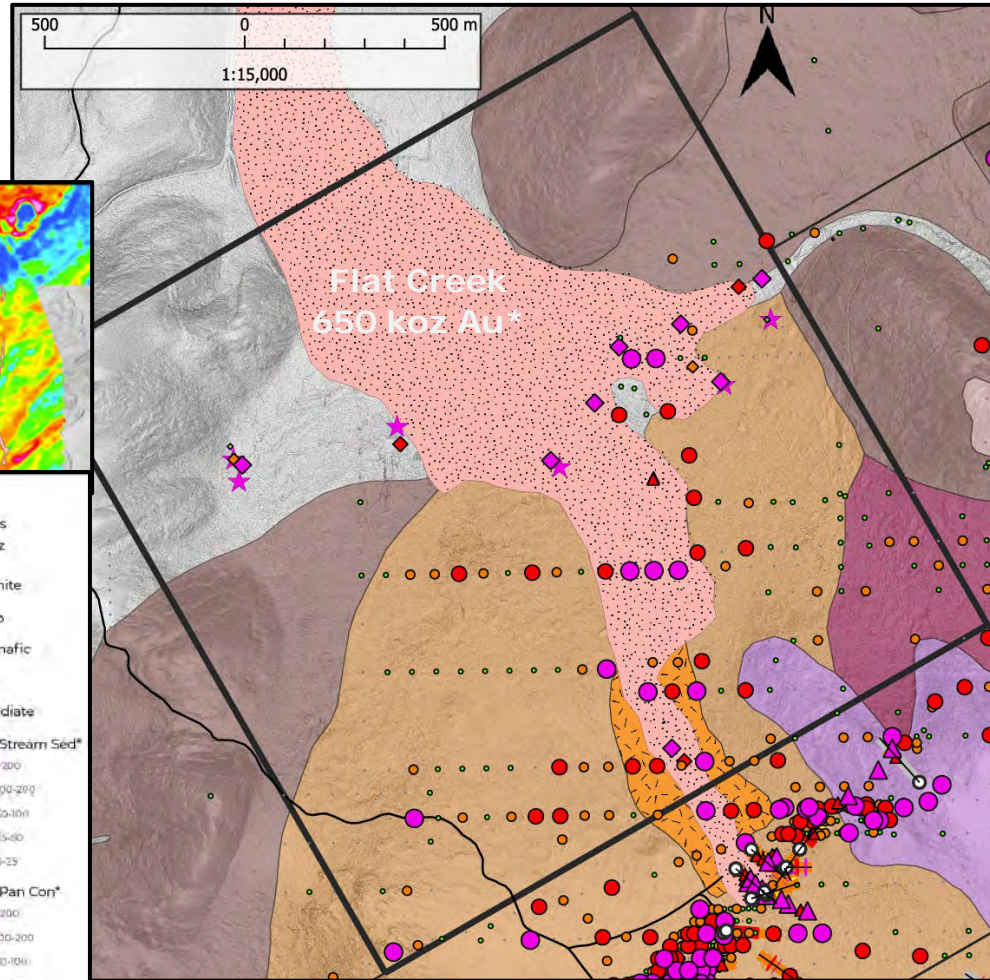
2024 DRILL TARGET AREA: ALPHA BOWL

MOST PROLIFIC PLACER PRODUCING CREEK WITH 650,000 OF RECORDED PLACER PRODUCTION

Proposed Exploration Methodology

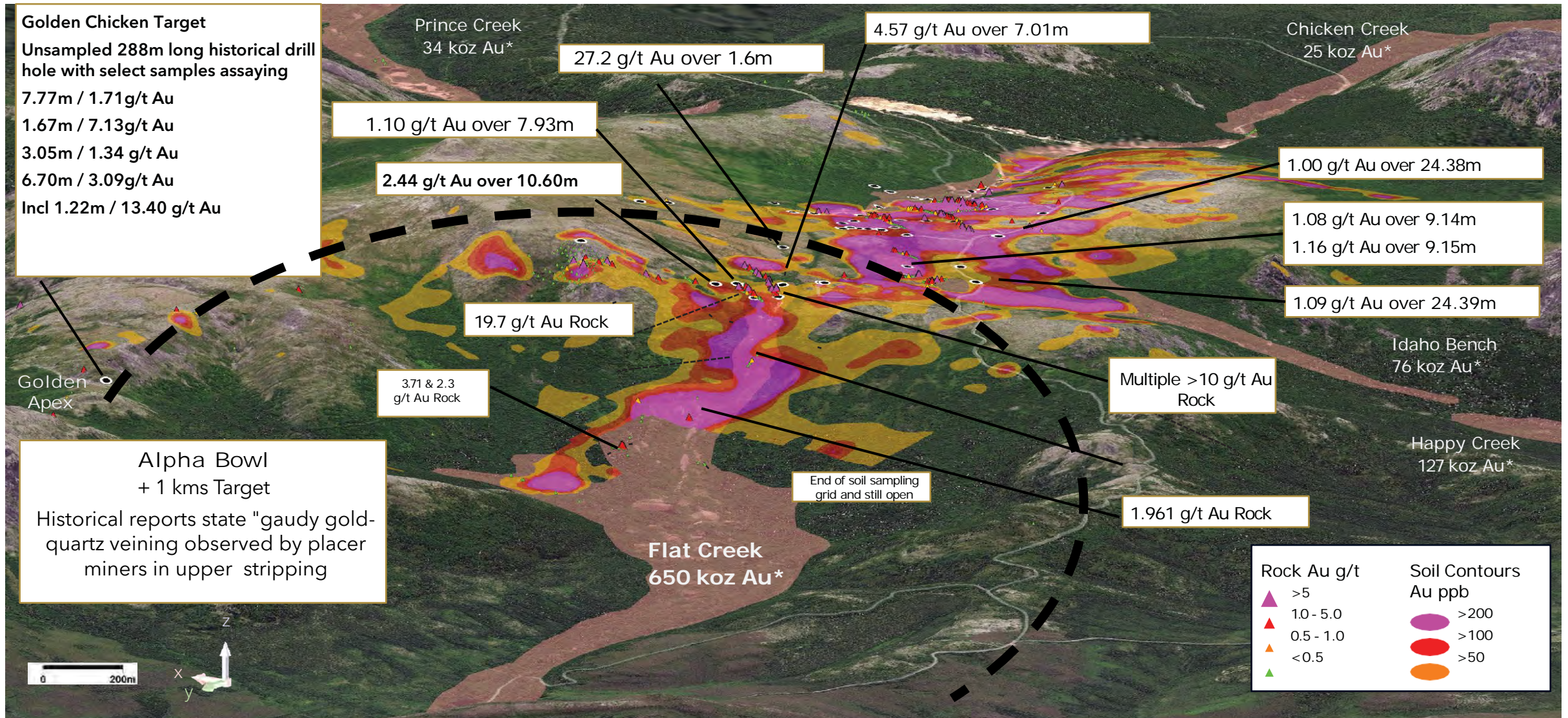
	Geophysics	Mapping/ Prospecting	Soil Sampling	Trenching	RC Drilling	Diamond Drilling
Alpha Bowl	✓	✓			✓	✓

- Northern Extension of Chicken Mountain Intrusion
- Area of extensive historic placer workings
- Historic bedrock sampling indicates mineralized intrusion beneath placer spoils
- Gold in soil anomalies adjacent to disturbed areas
- Untested by drilling
- Mapping and sampling to define northern extent of intrusion
- RC fences across targeted mineralized corridors
- Follow-up diamond drilling if warranted



*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"

2024 DRILL TARGET AREA: ALPHA BOWL = PLACER GOLD + HISTORICAL DRILLING + GOLD IN ROCK AND SOIL

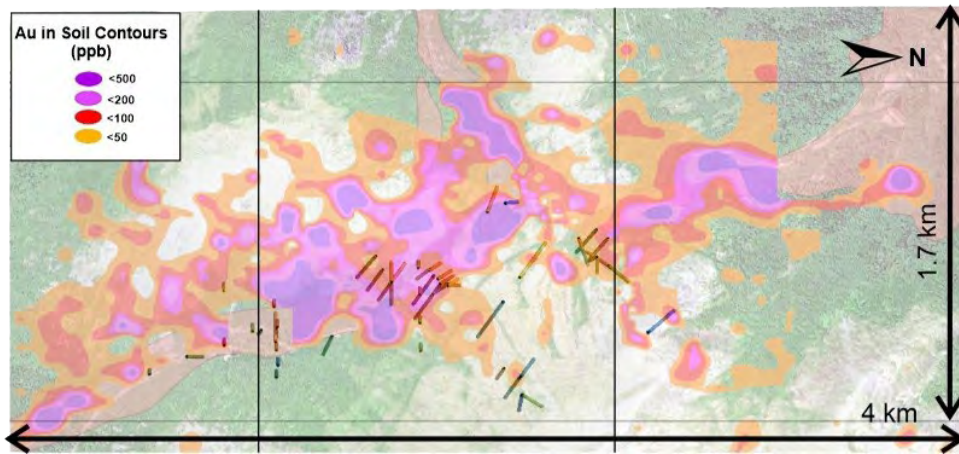


*Placer production figures from "Mineral Occurrence and Development Potential Report, Locatable and Salable Minerals, Bering Sea-Western Interior Resource Management Plan, BLM Alaska Technical Report 60", prepared by the U.S. Department of the Interior, Bureau of Land Management, November 2010"

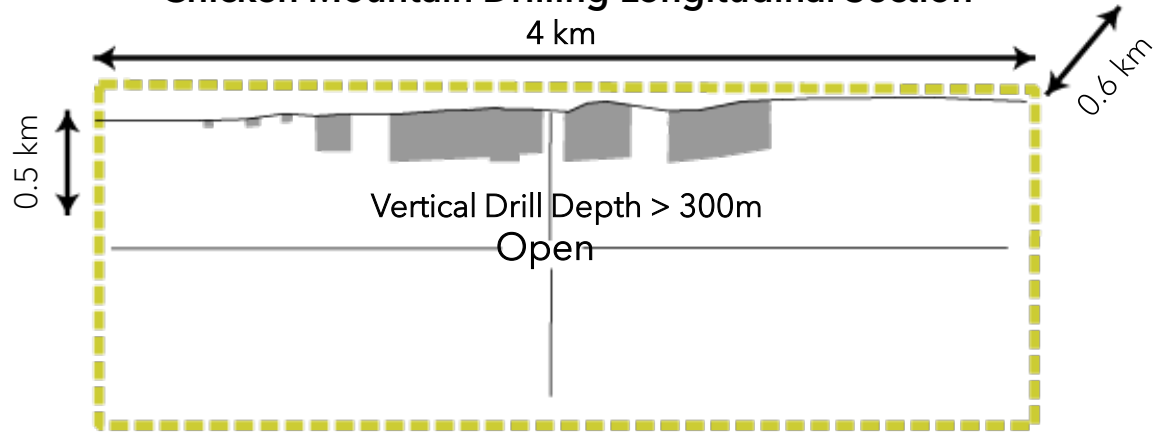
WITH A 100% DRILL HIT SUCCESS RATE, THE GOLD IN SOIL FOOTPRINT IS A RELIABLE INDICATOR OF BEDROCK MINERALIZATION AND SIZE FOOTPRINT

SOIL GRID IS OPEN FOR EXPANSION AND < 50% OF SOILS DRILL TESTED TO DATE

Chicken Mountain 4 km x 1 km Gold in Soil Footprint Plan view



Chicken Mountain Drilling Longitudinal Section

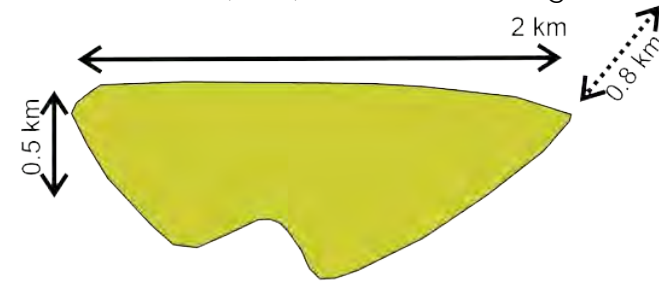


Mineralization Footprints of Other Tintina Mines

Fort Knox

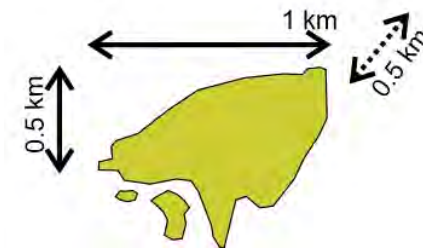
Past production: 9.0 Moz Au¹

Mineral Resource (M&I): 3.0 Moz @ 0.83 g/t Au¹



Eagle

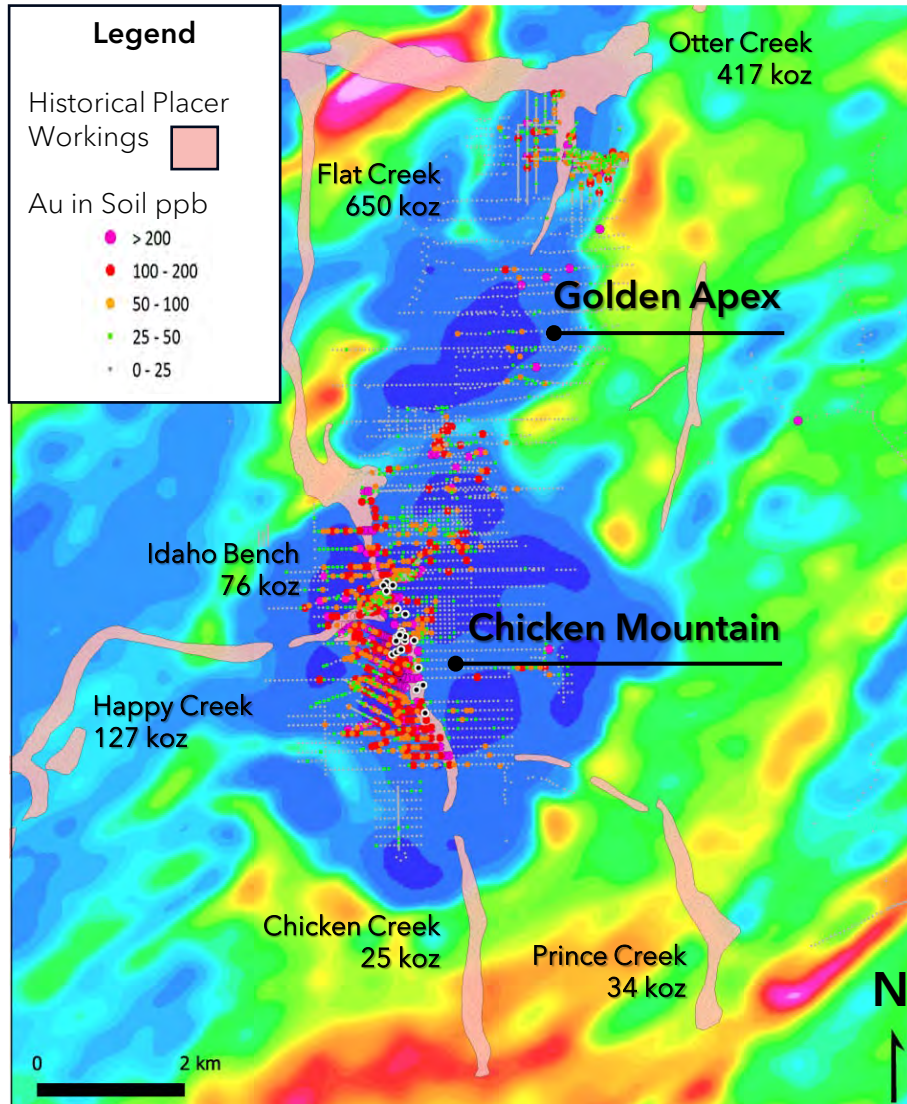
M&I Mineral Resource (M&I): 4.3 Moz @ 0.65 g/t Au²



1) Dec. 31, 2022 Annual Mineral and Resource Statement. Proven & Probable Mineral Reserves 1,935koz Au. Mineral Resources are estimated at a cutoff grade of 0.30 g/t Au. 2) 2023 Eagle Gold Mine NI 43-101 Technical Report. Proven and Probable Mineral Reserves total 118M t at 0.65 g/t Au, containing 2,407k oz Au. The current Eagle Zone Mineral Resources are reported as in-pit resources at a cut-off grade of 0.20 g/t Au. Gold price of \$1,550/oz is assumed.

1.8 KM OF DRILLED STRIKE IS JUST SCRATCHING THE SURFACE

DRILLING TO DATE HAS COVERED ONLY A FRACTION OF THE TOTAL POTENTIAL



Only **50%** of the 4 km x 1 km high tenor gold-in-soil anomaly has been drill tested

Only **33%** of the 6.0 km x 5.6 km Chicken Mountain geophysical anomaly tested

Only **17%** of the 20 km long complex of six potential and confirmed intrusions explored

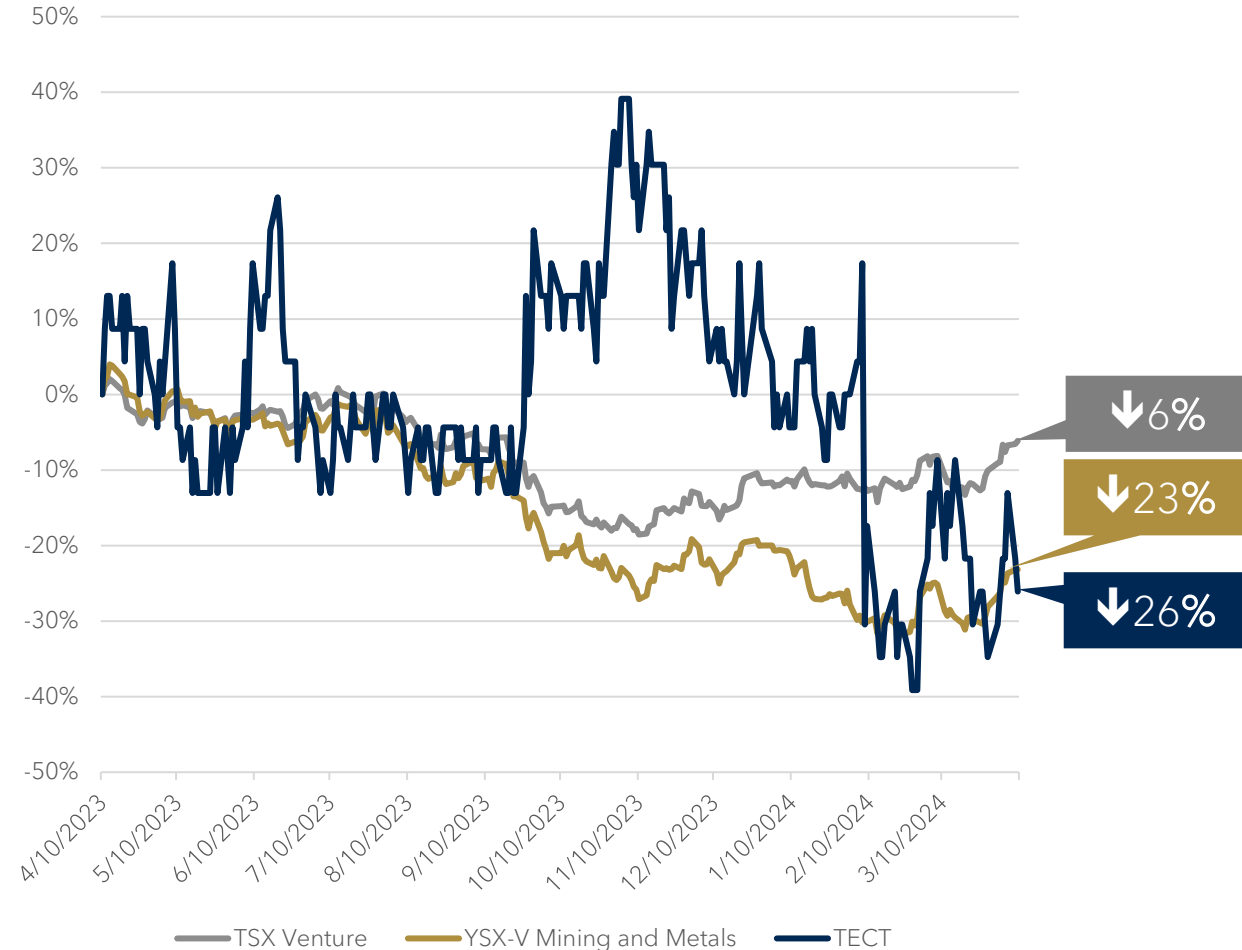
1) Placer production figures from "Mineral Occurrence and Development Potential Report, Locatable and Salable Minerals, Bering Sea-Western Interior Resource Management Plan, BLM-Alaska Technical Report 60", prepared by the U.S. Department of the Interior, Bureau of Land Management, November 2010

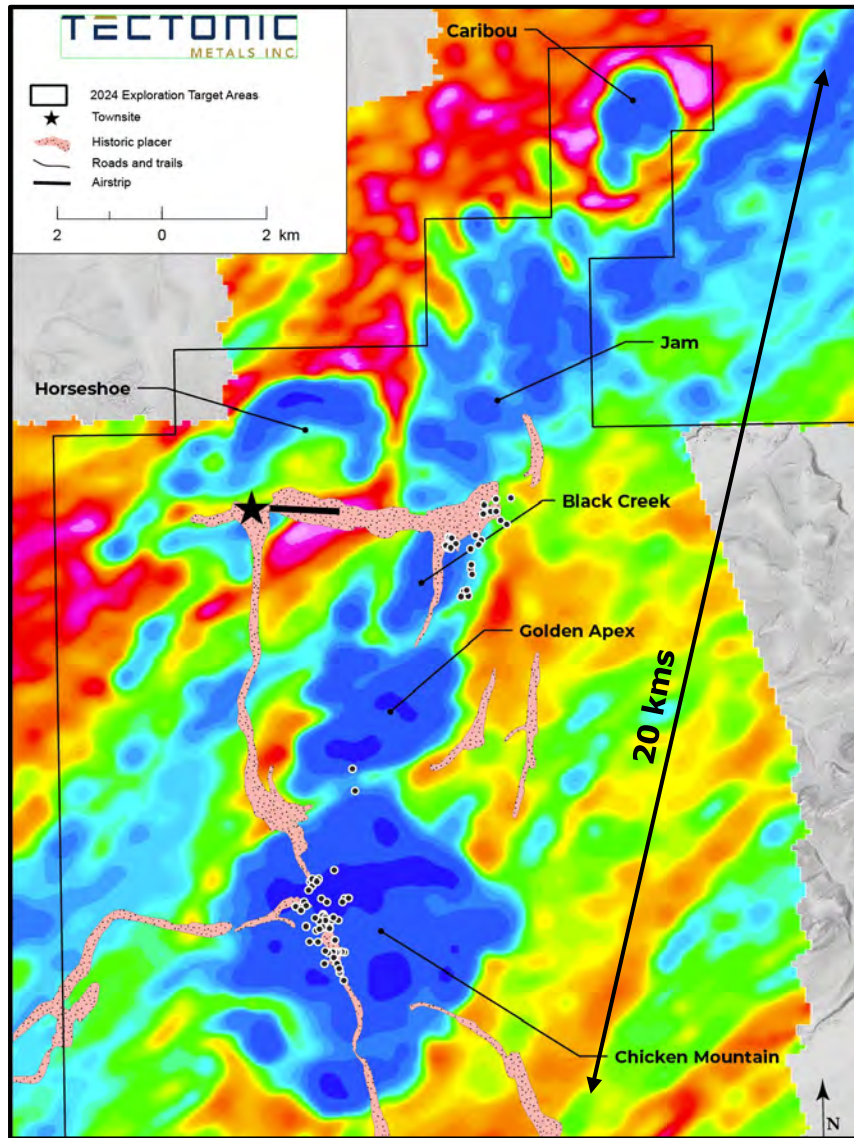
CAPITAL STRUCTURE AND PERFORMANCE

AS OF APRIL 2024

Shares Outstanding	330,700,924
Supportive Shareholders ~47%	<ul style="list-style-type: none"> • 9.9% Doyon Limited • 22.3% Crescat Capital • 15.0% Tectonic and others
Est. Liquid Public Float	~175,000,000
Avg. Daily Volume	~1.0 million
Fully Diluted	439,448,420
Estimated Cash	~CA\$2 million
Debt	None

Relative Performance of Tectonic Metals
April 10, 2023 - April 9, 2024





A Team that Executes

- Numerous discoveries
- Experience taking projects from discovery through permitting into production
- M&A and capital markets experience
- Disciplined economic mine formula

The Flat Gold Project

- 1.4 million oz placer gold source
- 20 km long intrusive complex with 6 district-scale intrusion targets
- 1.8 km of drilled mineralized strike x 300 m depth
- All 74 drill holes hit gold

2024 Value Creation Strategy

- Unsampled historical drill core assaying
- Metallurgical column heap leach testing
- High impact year two drill program targeting new intrusions and high-grade areas



TECTONIC
METALS INC.

APPENDIX

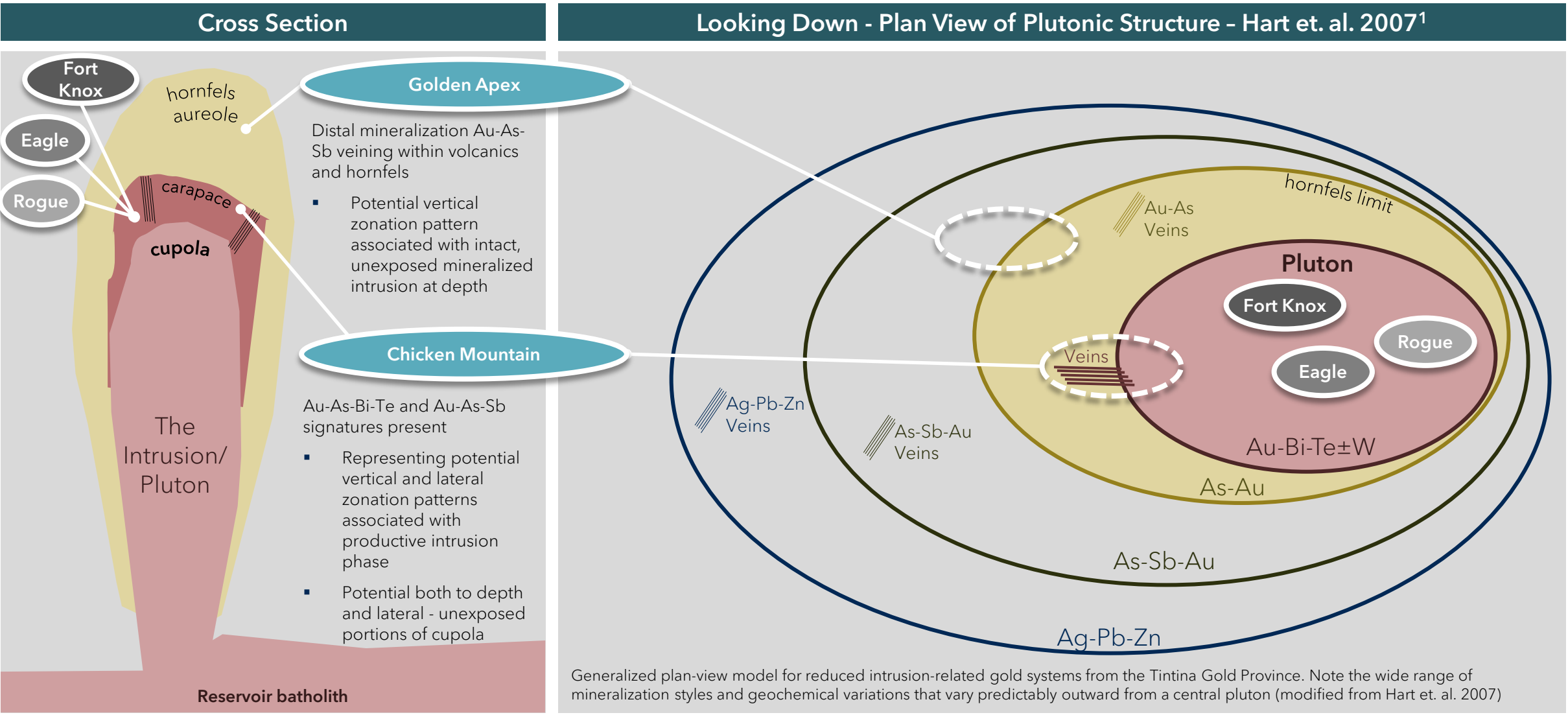
TECTONIC CONTINUES TO EXECUTE STRONGLY

RECENT MILESTONES AND DEVELOPMENTS



REDUCED INTRUSION-RELATED GOLD SYSTEMS

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

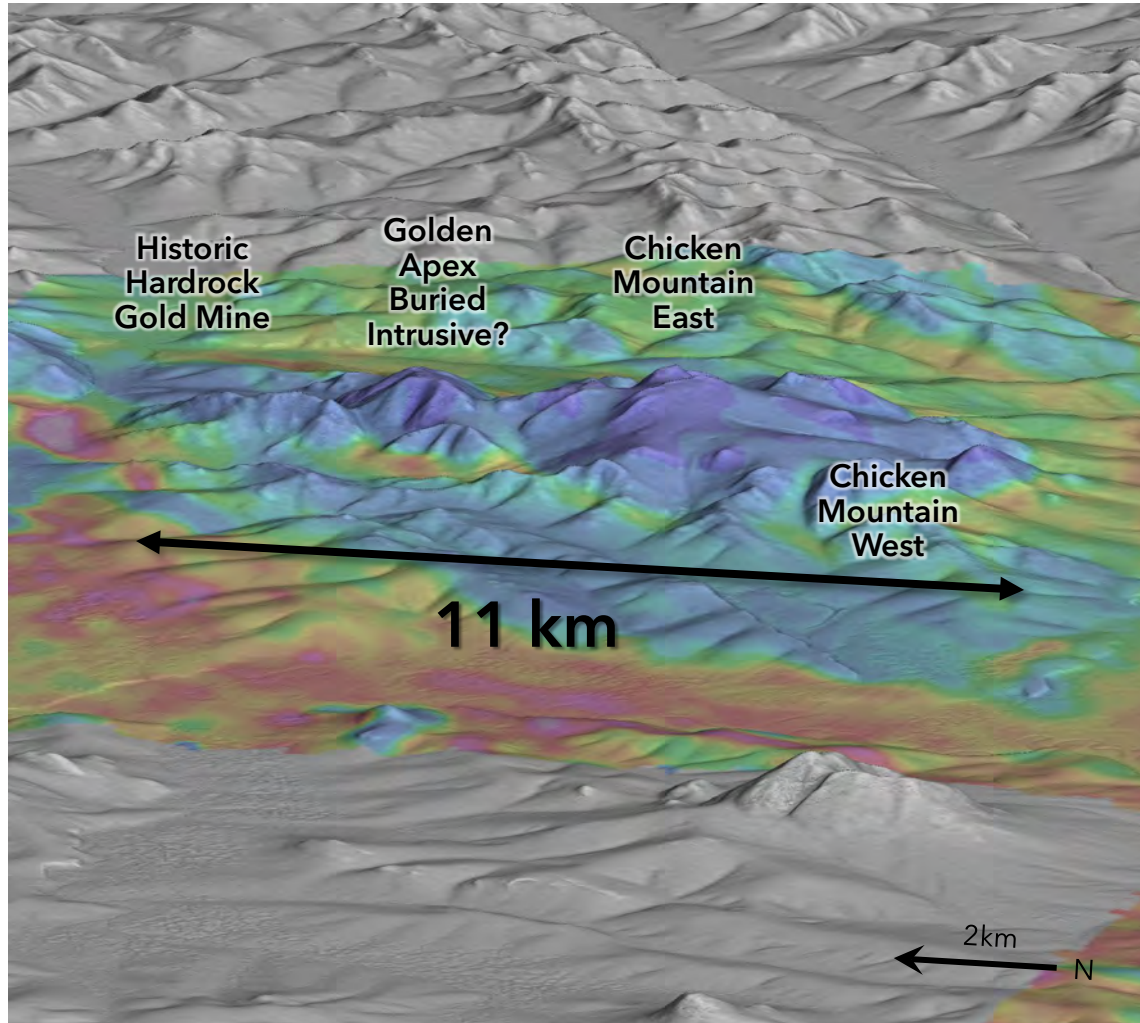


Geology
Engineering
ESG
Infrastructure

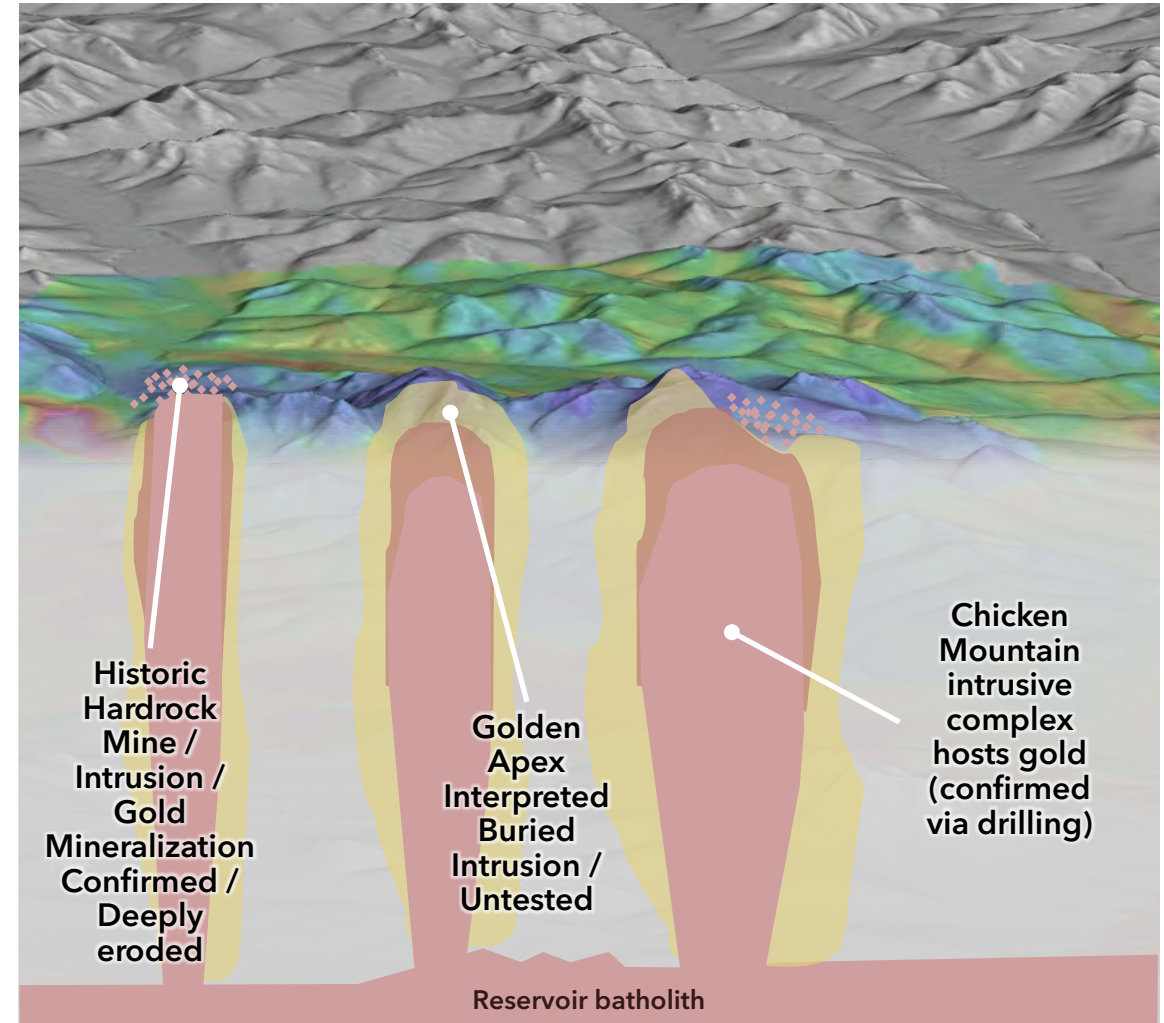
GEOPHYSICS DEMONSTRATE A +11KM LONG INTRUSIVE COMPLEX

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

Oblique View Looking East - Geophysics - 7200 Hz EM



Simplified Cross Section of Intrusion Related Systems



Geology

Engineering

ESG

Infrastructure

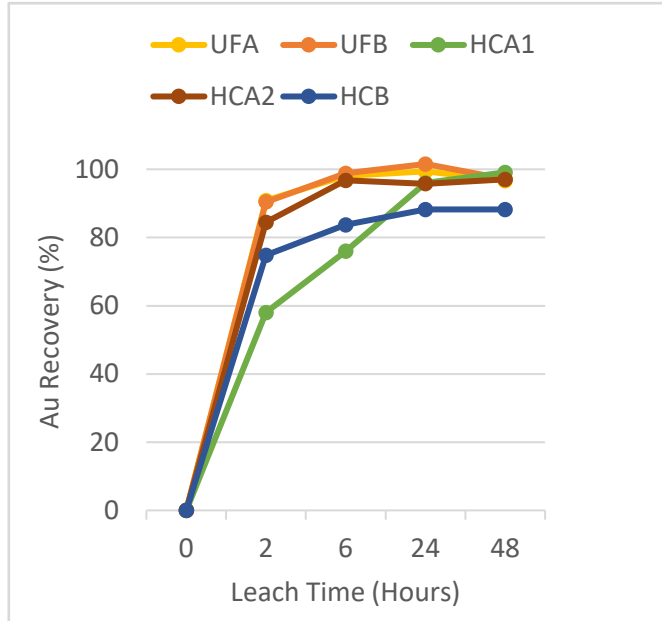
2022 DE-RISKING PRIOR TO 2023 DRILL PROGRAM

METALLURGICAL TESTING ON HISTORICAL DRILL CORE YIELDS 96% AVERAGE GOLD RECOVERY

- Strong and rapid leach kinetics
- Very low cyanide consumption
- Low sulphur content
- No preg robbing identified

Validates potential for heap leach processing

48 Hour Leach Kinetics K80 75µm Grind



Composite	Mineralization Type	Calculated Head Grade	Consumption (kg/t)		AU Recovery % Leach Kinetics (hour)					
			NaCN	Ca(OH) ₂	2	6	24	48	Total	
		Au g/t								
UFA	Oxide	1.66	0.24	2.57	90.9	98.1	99.4	96.7	96.7	
UFB	Oxide	0.68	0.19	1.23	90.4	98.8	101.6	97.1	97.1	
HCA1	Oxide	0.75	0.28	2.91	58.0	76.0	96.0	99.1	99.1	
HCA2	Oxide	1.05	0.17	2.89	84.5	96.7	95.8	97.0	97.0	
HCB	Oxide	1.32	0.23	0.92	74.8	83.7	88.2	88.3	88.3	

Geology

Engineering

ESG

Infrastructure



TECTONIC
METALS INC.

Website

www.tectonicmetals.com

Email

info@tectonicmetals.com

Toll-free

1.888.685.8558

TECT: TSX-V

TETOF: OTCQB

T15B: FSE