

The background of the slide features a dark blue world map with a white grid of latitude and longitude lines. The Tectonic Metals Inc. logo is centered on the map. The word "TECTONIC" is written in a large, white, sans-serif font, with a gold-colored horizontal bar above the letter "E". Below "TECTONIC", the words "METALS INC." are written in a smaller, gold-colored, sans-serif font.

# TECTONIC

METALS INC.

TECT: TSX-V  
TETOF: OTCQB  
T15B: FSE

**A SHIFT IN THE GAME**  
BIG DEPOSITS LEAVE BIG FOOTPRINTS...

April 2023

# 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 has implemented a rigorous Quality Assurance / Quality Control (QA/QC) program to ensure best practices in sampling and analysis of Rotary Air Blast ("RAB"), Reverse Circulation ("RC"), and diamond drill, soil, rock, and stream sediment samples. All assays are performed by Bureau Veritas Commodities Canada Ltd., with sample preparation carried out at the BV facilities in Fairbanks, AK, USA. Assays are completed at either the Fairbanks laboratory or the Vancouver laboratory.

All soil and stream samples at the Tibbs and Seventymile properties were prepared using procedure SS80 (dry at 60 C and sieve 100g at -80 mesh) and analysed by method FA430 (30g fire assay with AAS finish) and MA300 (0.25g, multi acid digestion and ICP-ES analysis). All RAB, RC, and diamond drill, rock, trench, and pan concentrate samples at the Tibbs and Seventymile properties were prepared using procedure PRP70-250 (crush, split, and pulverise 250g to 200 mesh) and analyzed by method FA430 and MA300. All samples containing >10 g/t Au were reanalyzed using method FA530 (30g Fire Assay with gravimetric finish).

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.

The Qualified Person has reviewed and verified the data collected by the Company. For samples collected at the Tibbs and Seventymile, properties, QAQC samples were inserted into the sample submittals at a rate of approximately 1 QAQC sample per 10 assay samples (approximately 10%). Standards were inserted at a rate of approximately 8 standard samples per 100 assay samples (8%), blanks were inserted at a rate of approximately 2 blank samples per 100 assay samples (2%). For RAB drilling, field duplicate samples are systematically collected at a rate of 3 duplicates per 100 assay samples (3%). A selection of standards were used which are commercially available from a reputable vendor (OREAS and Rocklabs). All standards ultimately returned acceptable values (within approximately 15% of the expected value, or approximately one standard deviation). Those standard samples which returned suspect values were re-run at the company's request. Blank samples consisted of Browns Hill Quarry basalt, an unmineralized Quaternary basalt flow from the Fairbanks Mining District, Alaska.

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.

# WHY TECTONIC, WHY NOW?



PEOPLE  
FIRST



BUSINESS  
PLAN



COMMITTED  
PARTNERS

- **Experienced, Diverse and Invested Team**
- **Strategic Investments by Leading Alaskan Native Regional Corporation and Resource Funds**
- **Flat Gold Project represents Tier 1 deposit potential**
- **Open-pit, heap leach opportunity**
- **Inaugural drill program Planned at Flat**

# TECTONIC & DOYON MILESTONE PARTNERSHIP

STRATEGIC FINANCINGS AND PROJECT AGREEMENTS WITH ALASKA NATIVE REGIONAL CORPORATION

TECTONIC  
METALS INC.

## WHO IS 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 mineral prospectivity
- 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 >C\$3M by Doyon into Tectonic
- Doyon currently Tectonic's second largest shareholder
- Innovative Discovery-to-Production, ESG Lease Agreements signed on multiple projects

*"We are honoured and excited to have Doyon as a shareholder and partner as we continue our endeavour to be a pioneering mineral exploration company committed to high standards of environmental stewardship, early and ongoing community engagement and maximizing social and economic benefits to the communities in which we live and operate in."* Tectonic President and CEO, Tony Reda, April 2020



*"It's a joy to work on something positive like this in the midst of dealing with daily issues arising from COVID-19. Life, business and strong relationships such as Doyon's and Tectonic's will continue and thrive post COVID-19. We are pleased to deepen the partnership with Tectonic and look forward to working with them for many years to come."*

**Doyon's President and CEO, Aaron Schutt, April 2020**

# OUR BUSINESS MODEL

PLAY BIG, PLAY SMART

## Objective

Create transformational wealth for our shareholders by identifying, discovering and developing world-class gold districts in safe, politically stable, pro-mining jurisdictions

## Part 01

Target Discovery-Stage, District Scale Opportunities

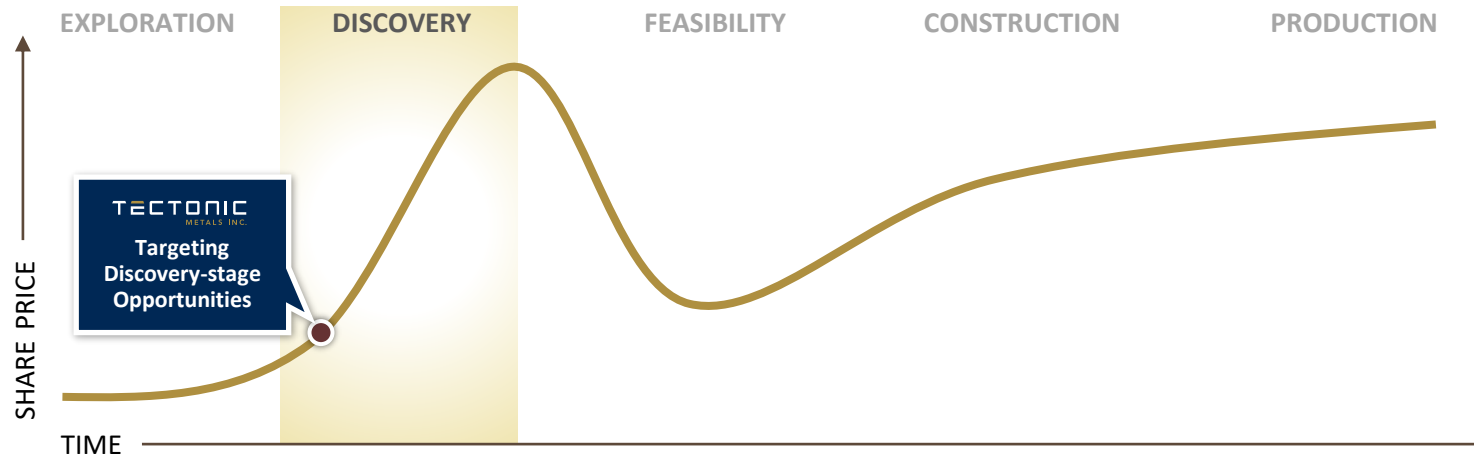
- Focused on high-grade and oxide
- Relatively low-cost entry level
- Must have a linear path forward
- Potential to yield greatest return on investment

## Part 02

Manage Risk

- Risk vs. reward vs. cost of capital assessment to determine next steps
- Always maintain optionality, including drilling our own projects
- Strategic alliances
- Joint-venture strategy
- Business transactions

## Life Cycle of a Junior Mining Company\*



*\*Life Cycle of a Junior Mining Company chart is conceptual in nature and not intended to be relied upon*

# A COMPANY BUILT AROUND A DIVERSE, FULLY INVESTED TEAM



**Allison Rippin Armstrong**  
Chair

Environmental Biologist with over 25 years of experience in permitting, regulatory processes and environmental compliance. Served as the Vice President of Sustainability at Kaminak Gold Corporation



**Tony Reda**  
President & CEO, Director & Founder

Raised >\$165 million to fund the acquisition, advancement of the Coffee Gold Project. Strategic alliances, JVs leading to \$35m third party spending on Kaminak projects



**Eira Thomas**  
Founder, Strategic Advisor

Served as CEO of Kaminak Gold Corporation, acquired by Goldcorp for \$520 Million. Spearheaded Diavik Diamond Mine discovery. Director of Suncor Energy, CEO Lucara Diamond



**Curtis J. Freeman**  
Director & Founder

Certified Professional Geologist, 40+ years of experience; recognized as one of the leading explorationists in Alaska and the Yukon



**Joseph J. Perkins Jr.**  
Director

40+ year legal career, involved with every major resource project in Alaska, including the Greens Creek, Fort Knox, Red Dog, and Pogo mines and many high-profile transactions.



**Michael W. (Mick) Roper**  
Director

40+ years' experience spanning the mineral resource development cycle. Past 15 years with Agnico Eagle, recently retired as Director, Project Evaluations with Agnico



**Peter Kleespies, M.Sc., P.Geol.**  
Vice President, Exploration

30+ years of technical and management experience in mineral exploration globally. Part of the Miramar team where the 8.5 m/oz gold deposit was sold to Newmont for \$1.5bn in 2007



**Bill Stormont**  
Investor Relations

Former equity analyst, institutional equity sales, co-manager top quartile performing London-based European equity fund. Director, QXMC (Klaheose First Nation)

# FLAT PROJECT – BIG DEPOSITS LEAVE BIG FOOTPRINTS

## HOW BIG IS THE BEDROCK SOURCE FOR ALL THE PLACER GOLD?

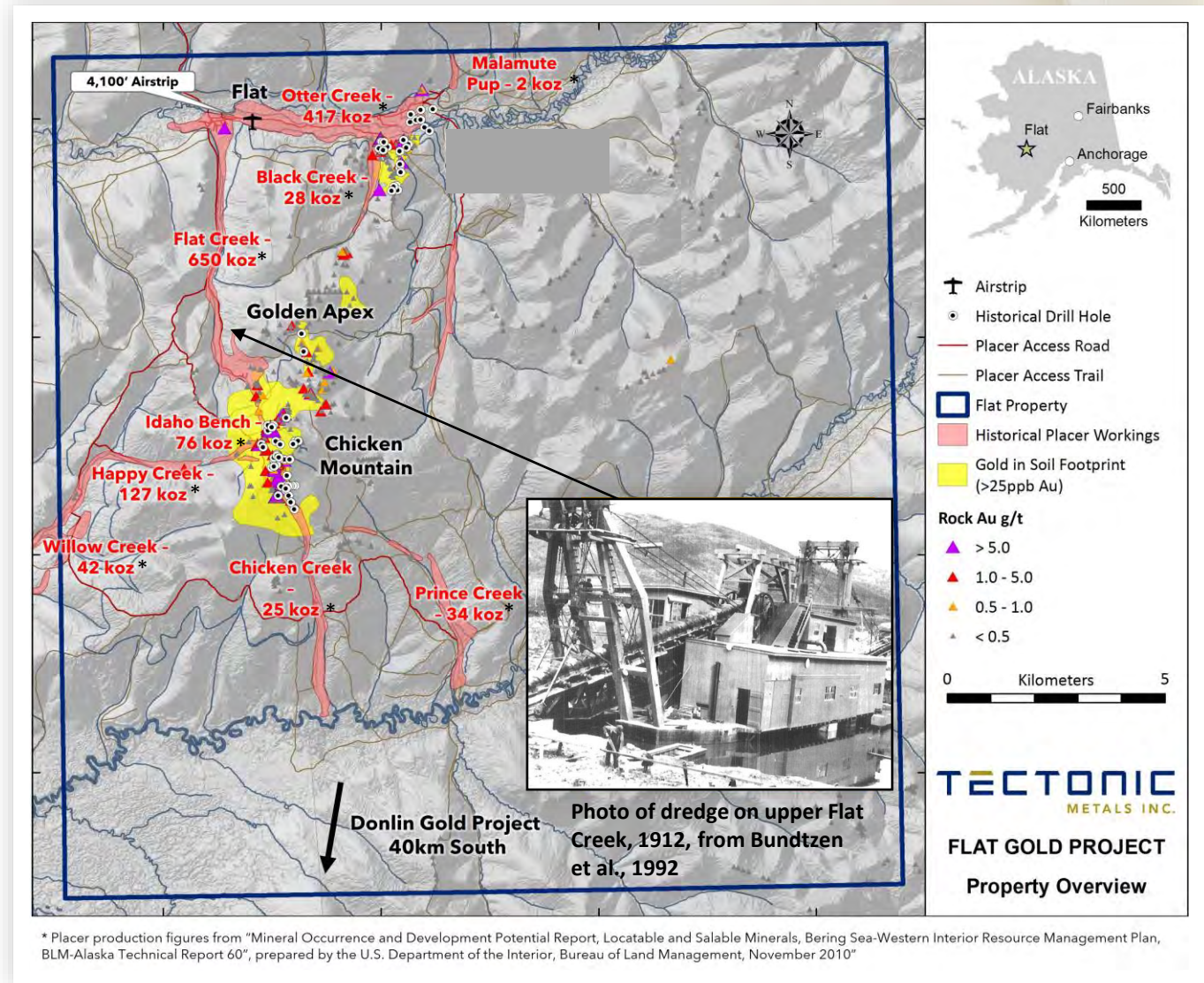
### ■ Project De-Risking

- Landmark Tectonic-Doyon Exploration, ESG and Production Lease Agreement
- 92,160 acres of predominantly Native-owned Land

### ■ Situated in the 4th largest placer mining district in Alaska

### ■ 1.4Moz Au Historic Placer Gold Production\*

### ■ Historical reports state Chicken Mountain is the likely source for most of the placer gold



# FLAT GOLD PROJECT – LOCATION, ACCESSIBILITY AND INFRASTRUCTURE

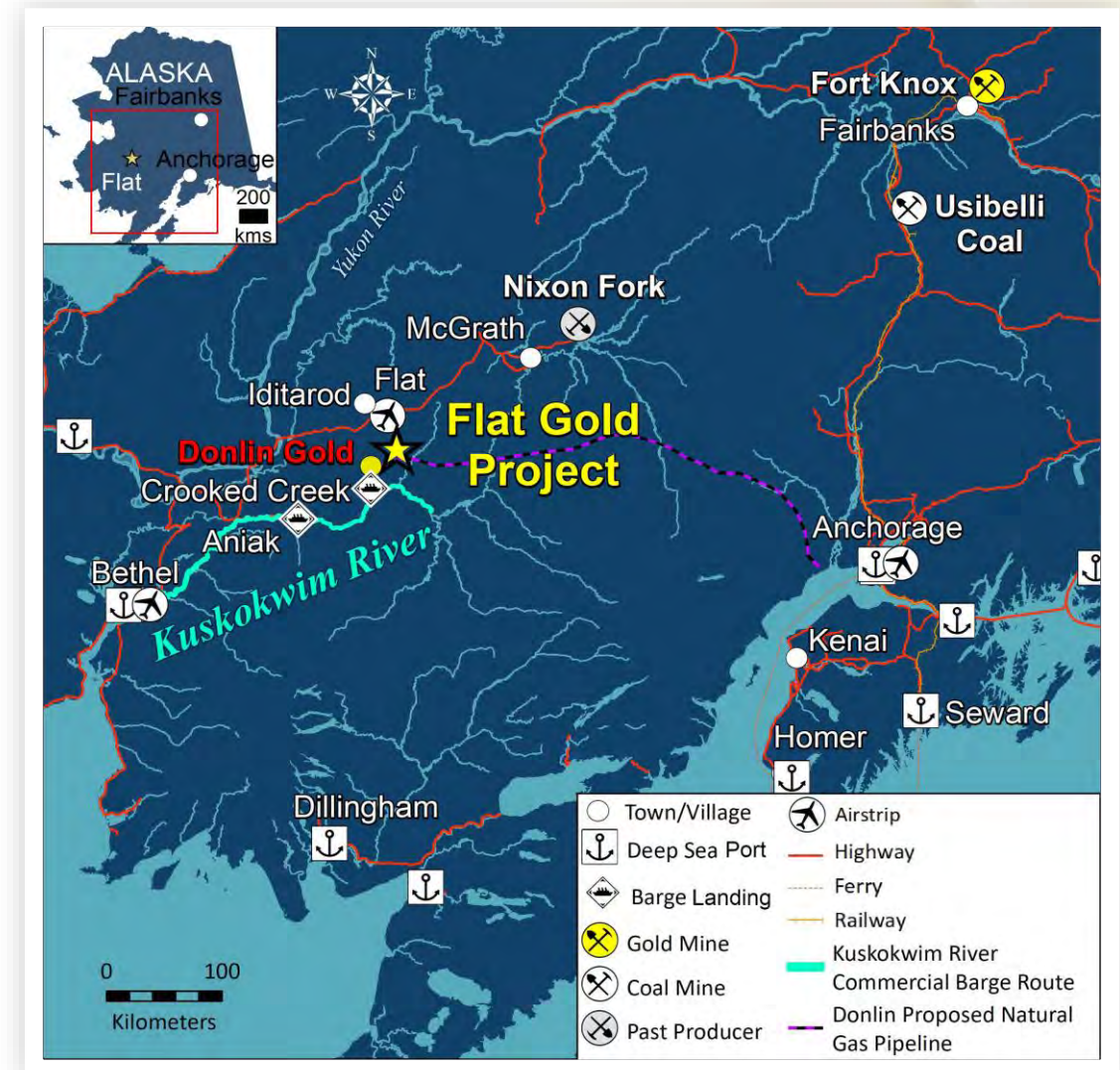
MULTI-MILLION OUNCE, OPEN-PIT FREE MILLING OPPORTUNITY IN A TIER ONE JURISDICTION

- **Located in the same mineral belt as the 39Moz Donlin Gold deposit (Barrick and Novagold)\***

- Donlin 2023 and 2022 combined budget: \$94M\*\*
- Flat is 40km from Donlin

- **Existing and nearby local infrastructure**

- On-site 4,100 ft Flat airstrip, Hercules (45,000 lbs payload) capable
- Road access from airstrip to mineralized zones
- Kuskokwim River commercial barge access (6 months)
- Permitted natural gas pipeline



\*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

\*\*Novagold News Release January 19, 2023 and February 28, 2022



# FLAT ONSITE AND NEARBY INFRASTRUCTURE

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



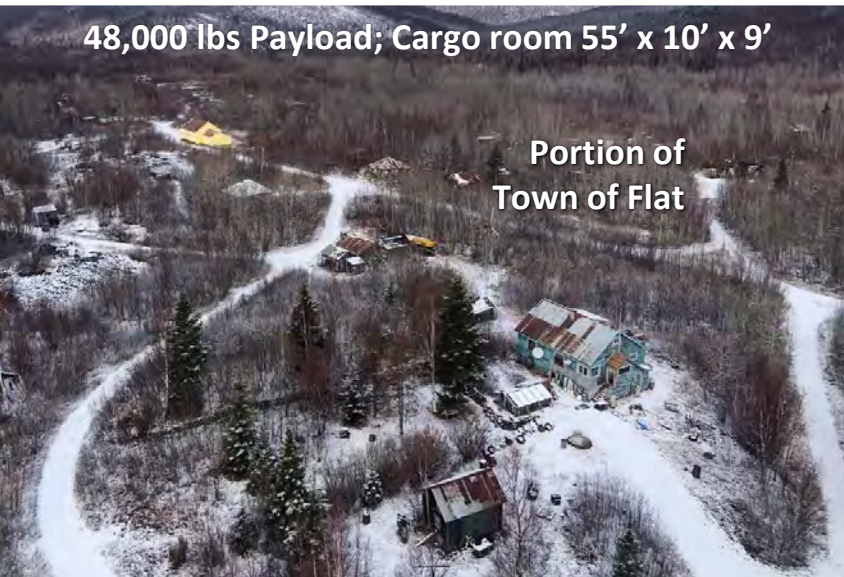
4100 ft Flat Hercules Airstrip



Road to Chicken Mountain



48,000 lbs Payload; Cargo room 55' x 10' x 9'



Portion of  
Town of Flat



Crooked Creek  
Barge Access

Kuskokwim River



Chicken Mountain

Historic  
Trenching

Chicken Rd

Chicken Cr

Road access to mineralized zones,  
~7.5km from Flat Airstrip

# BULK TONNAGE INTRUSION-RELATED GOLD SYSTEMS

## TINITNA GOLD PROVINCE MINES & PROJECTS



**FORT KNOX MINE<sup>1</sup>**  
KINROSS

- Open-pit, heap leach bulk-tonnage gold mine – 8 Moz mined as of 2019
- Current reserves 2.5 Moz at 0.30 g/t Au
- Gold recovery ranges from 81-83% (2018 NI 42-101 Technical Report)



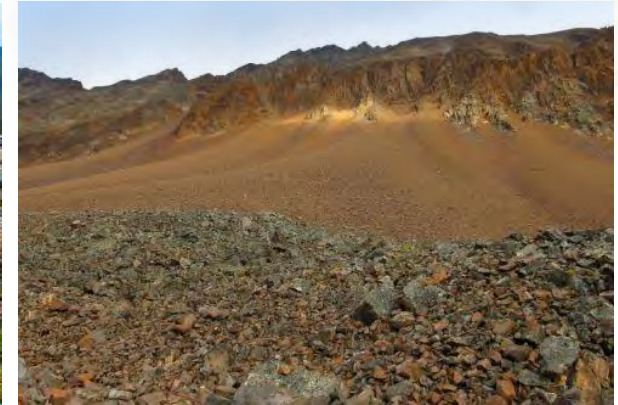
**EAGLE GOLD MINE<sup>2</sup>**  
VICTORIA GOLD

- Recently put into production in the Yukon. Open pit, heap leach
- Pre-mining reserves 3.3 Moz at 0.65 g/t Au
- Gold recovery ranges from 68-79%



**DONLIN GOLD PROJECT<sup>3</sup>**  
BARRICK & NOVAGOLD (50-50 JV)

- One of the largest and highest-grade, undeveloped, open-pit deposits in the world
- Located 40 km south of Flat
- 39Moz – Measured & Indicated Mineral Reserves



**SNOWLINE<sup>4</sup>**  
ROGUE PROPERTY

- Discovery-stage property that targets multiple prospective IRGS
- Lower grade, bulk-tonnage targets complemented by higher grade vein and replacement style mineralization

1) 2021 Annual Mineral and Resource Statement. Tonnage: 231,385kt at 0.30g/t Au. Proven & Probable Mineral Reserves 2,467koz Au. Mineral Resources are estimated at a cutoff grade of 0.10 g/t Au based on a gold price of US\$1,400/oz. Source for 8 Moz Au mined as of 2019 <https://www.kinross.com/operations/default.aspx?LanguageId=1#americas-fortknox>

2) 2019 NI 43-101 Technical Report. Proven and Probable Mineral Reserves total 155M t at 0.65 g/t Au, containing 3,261k oz Au prior to mining activities. The current Eagle Zone Mineral Resources are reported as in-pit resources at a cut-off grade of 0.15 g/t Au. Gold price of \$1,275/oz is assumed.

3) 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

4) 2020 NI 43-101 Technical Report

# FLAT GOLD PROJECT – CHICKEN MOUNTAIN TARGET

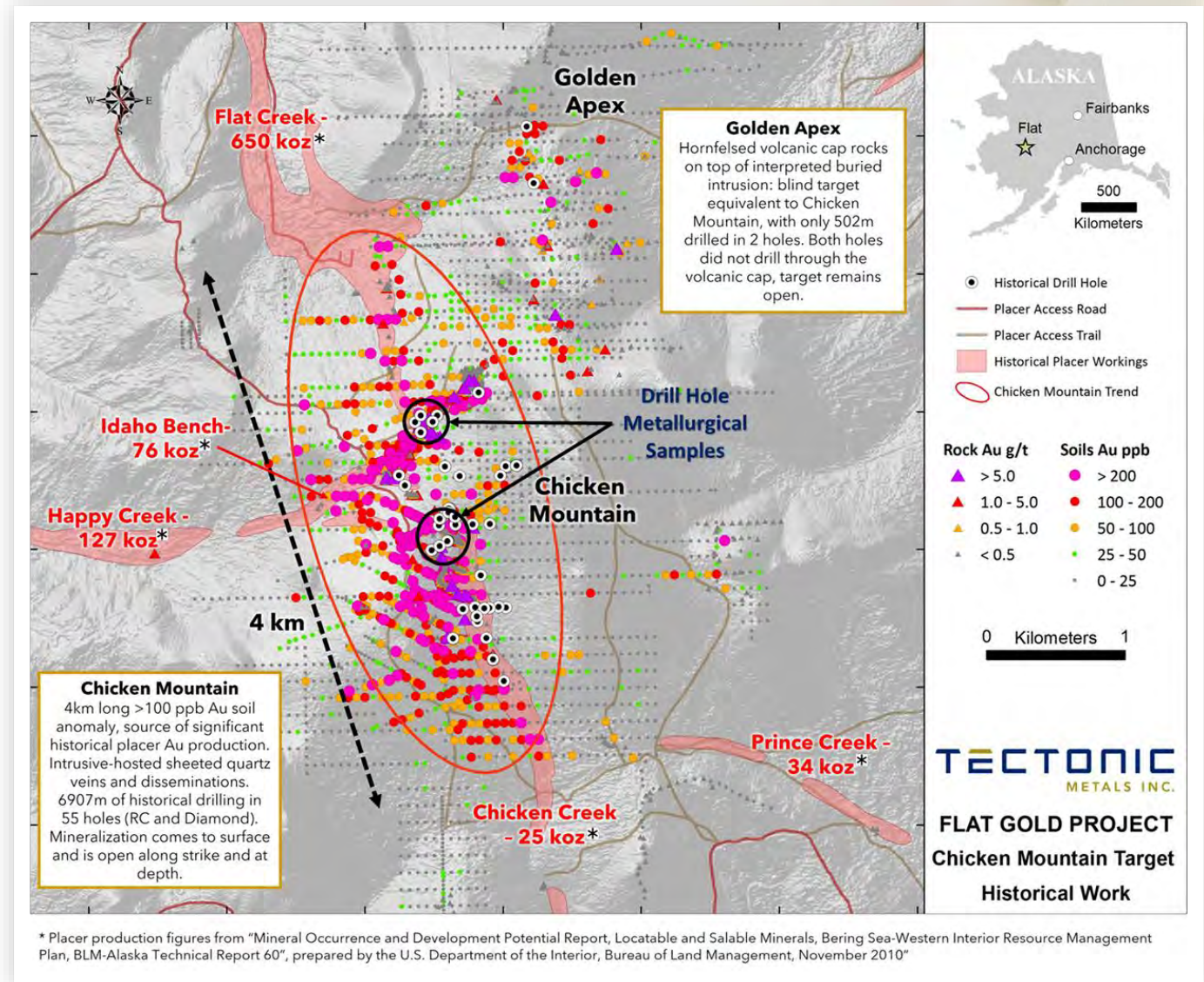
BIG DESPOSITS LEAVE BIG FOOTPRINTS

## Chicken Mountain

- ~4km long gold-in-soil anomaly, mostly untested
- Drilled mineralization begins at surface, open along strike and at depth
- Average vertical drill depth **100m**
- Proven exploration approach: Soils > Trenching > Drilling

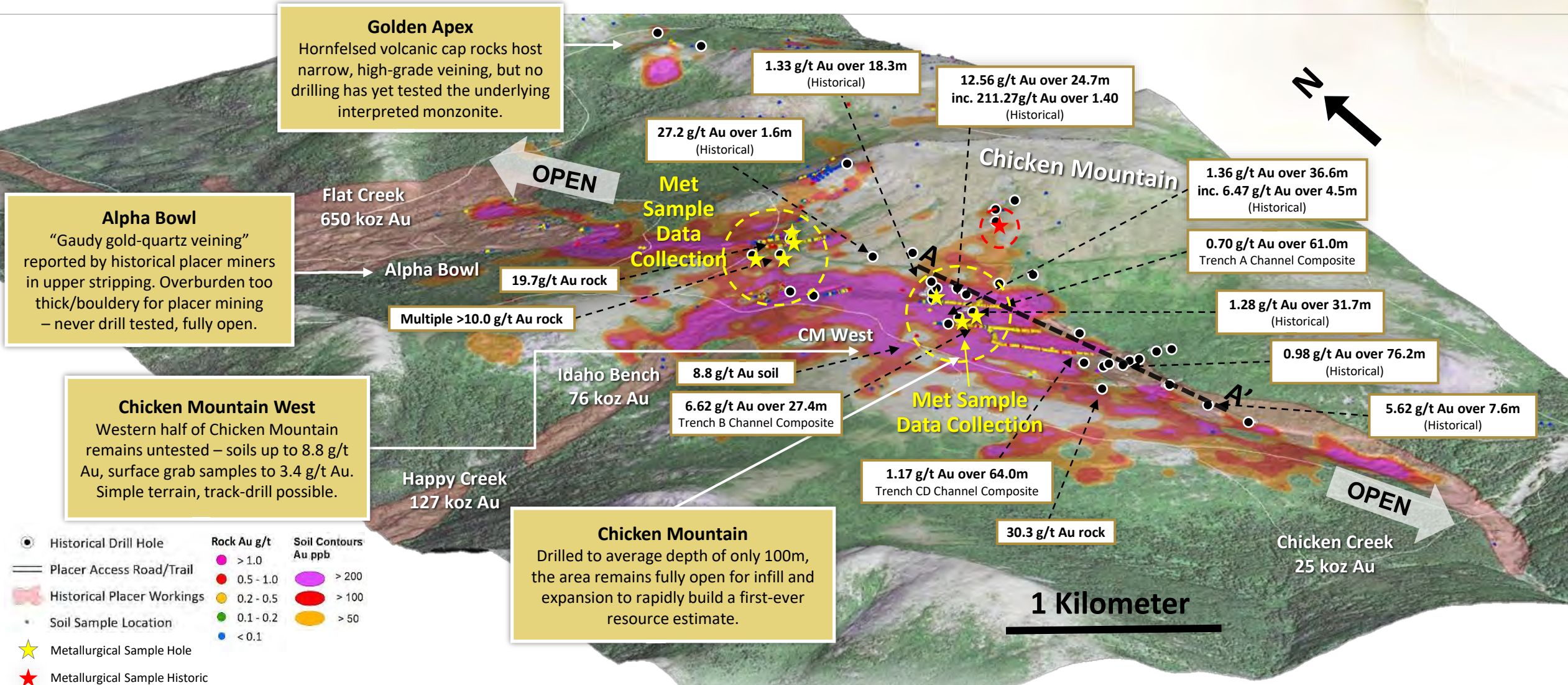
## Golden Apex

- Blind target equivalent to Chicken Mountain untested
- Hornfelsed volcanic cap rocks on top of interpreted buried intrusion observed in geophysics



# CHICKEN MTN TARGET: ALL 55 DRILL HOLES INTERSECTED MINERALIZATION

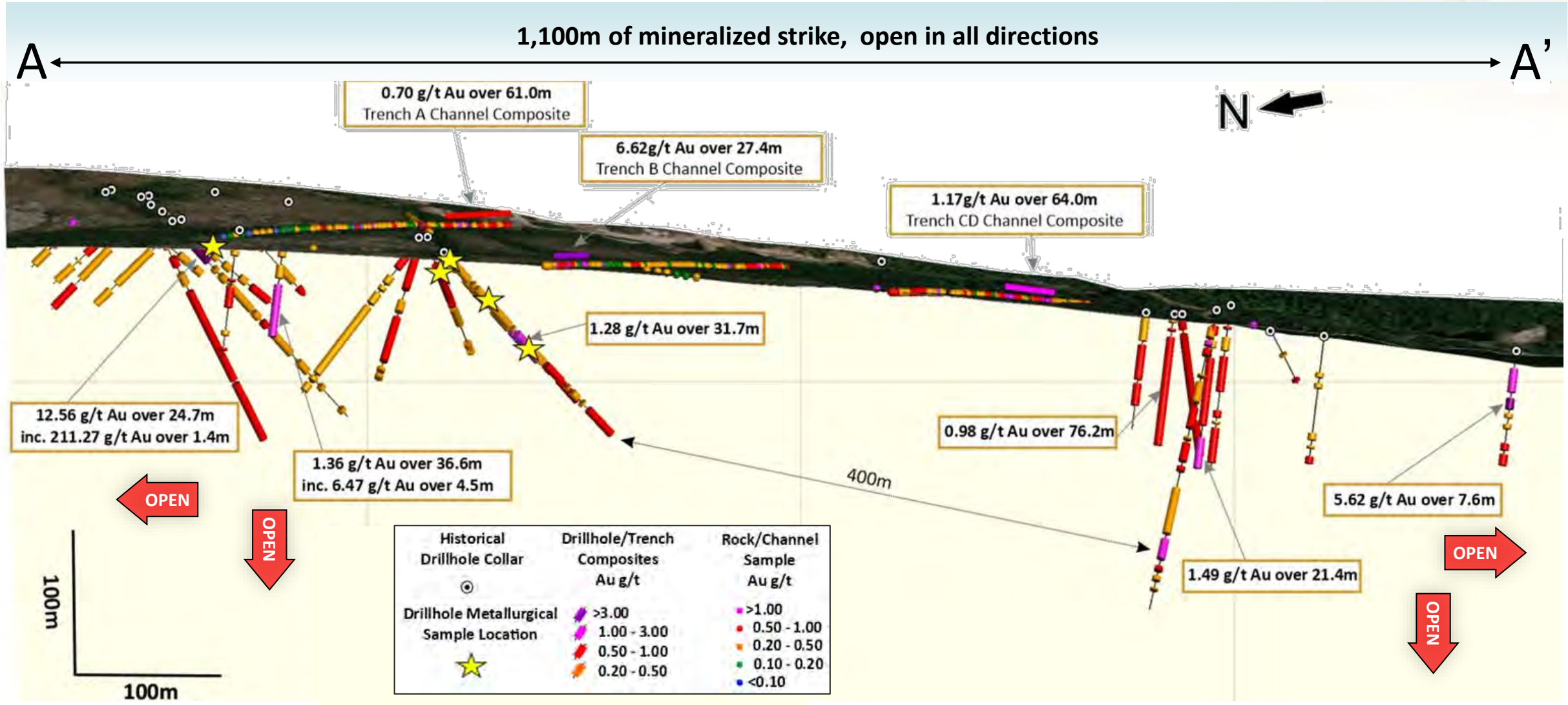
OPEN ALONG STRIKE AND AT DEPTH; 4KM LONG GOLD-IN-SOIL-ANOMALY



\*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”

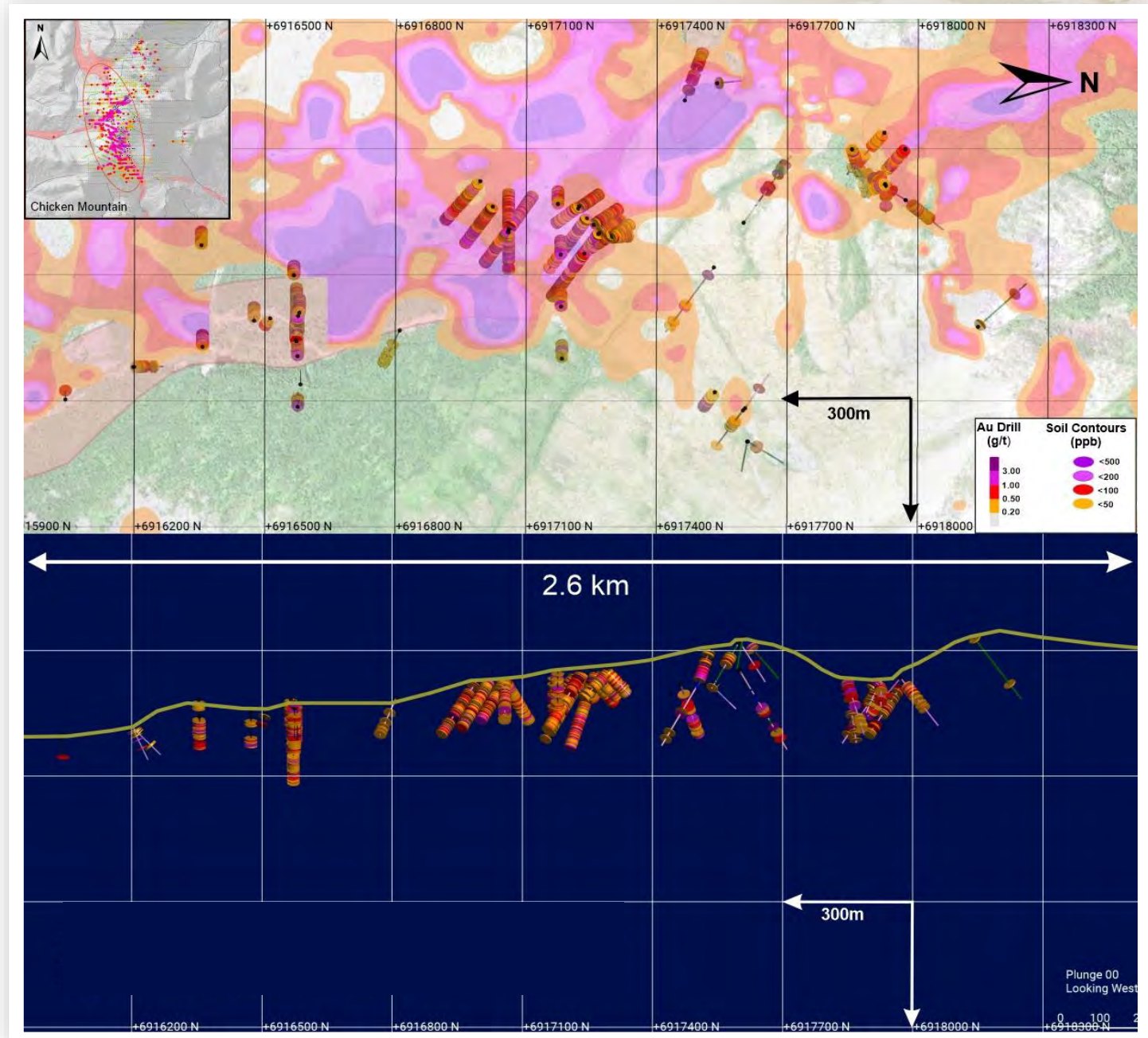
# CHICKEN MOUNTAIN TARGET – RAPID PATH TO FIRST RESOURCE ESTIMATE

OPEN-PIT OPPORTUNITY, AVG DRILL DEPTH 100m, DRILL HOLES ENDING IN MINERALIZATION, UNTESTED CHANNEL SAMPLES IN TRENCHES

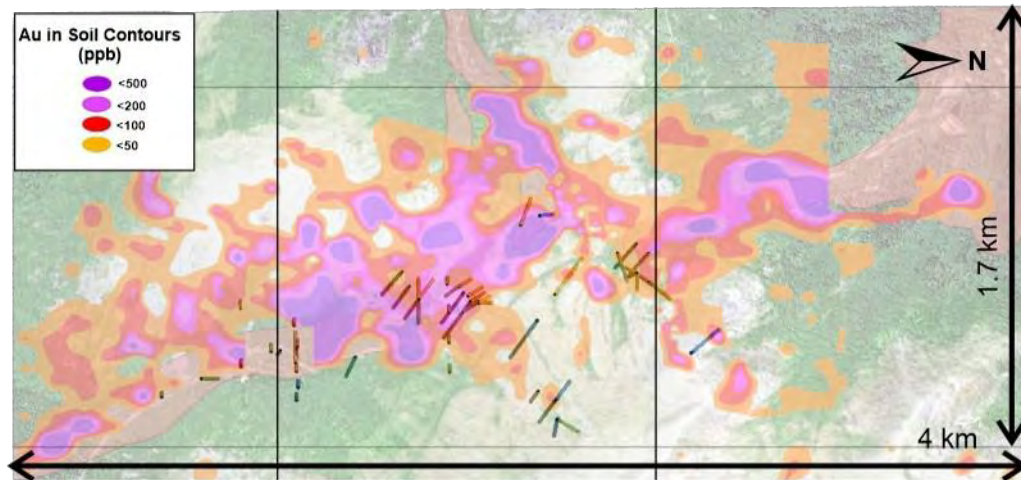


# CHICKEN MOUNTAIN – MASSIVE STRIKE AND DEPTH POTENTIAL

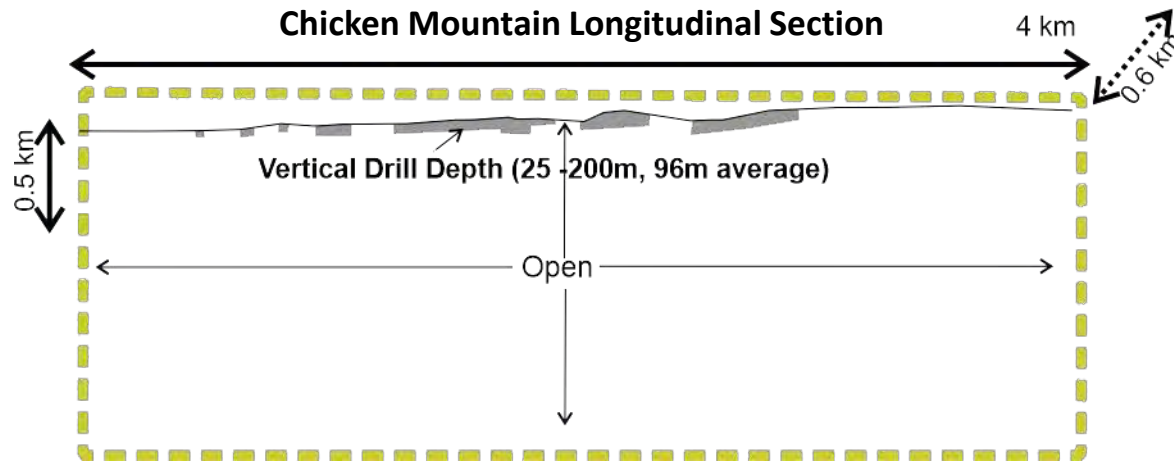
- 55 drill holes all encountering gold mineralization
- Average drill depth 96m
- 25 of 55 drill holes ending in mineralization
- Open-pit opportunity
- Majority of soils untested



## Chicken Mountain Planview – Shallow Drilling and Gold-in-Soil



## Chicken Mountain Longitudinal Section

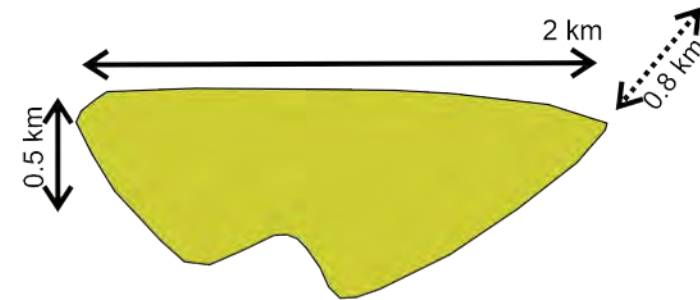


## Tintina Belt Longitudinal Sections Au Mineralization Footprint

### Fort Knox

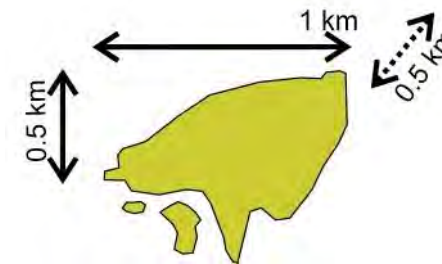
Past production: 7.54 Moz Au\*

Mineral Reserves (P&P): 3.37 Moz @ 0.37 g/t Au\*<sup>1</sup>



### Eagle

M&I Mineral Resource (M&I): 4.4 Moz @ 0.63 g/t Au\*<sup>2</sup>



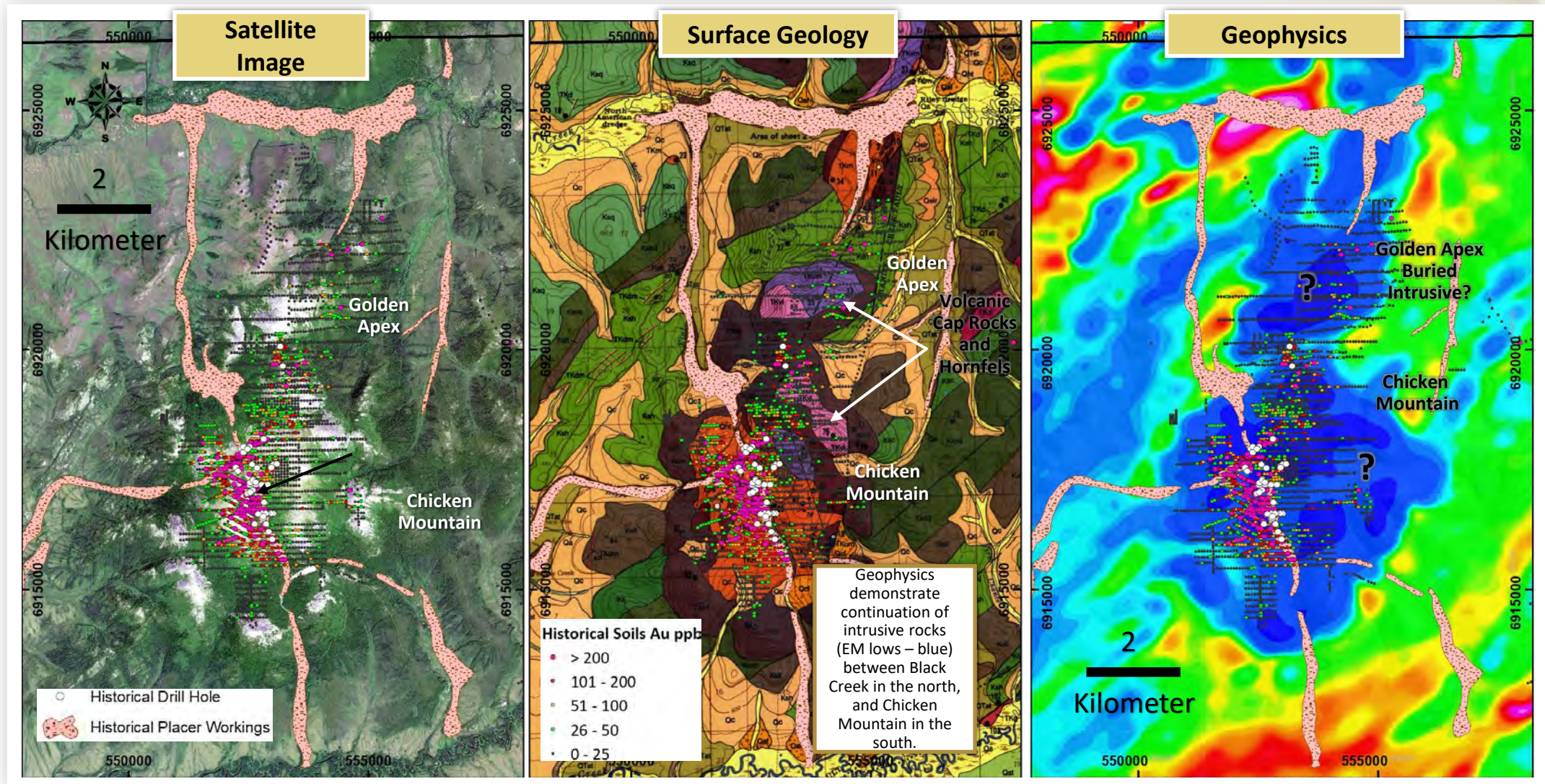
\*For non-Tectonic projects deposit dimensions, resources, reserves and past production from: Fort Knox NI43-101 (2018); Eagle NI43-101 (2019)

<sup>1</sup>Fort Knox Proven and Possible mineral reserves 282,236,000 tonnes at 0.37 g/t Au for 3,374,000 ounces Au reported to cut-off grades of 0.41 g/t Au for (A ore (mill)) 0.25 g/t Au for (B ore (stockpile)) and 0.10 g/t Au for (C ore (leach))

<sup>2</sup>Eagle pit constrained pre-mining Measured and Indicated Mineral resources 217,400,000 tonnes at 0.63 g/t for 4,397,000 ounces Au at a cut-off grade of 0.15 g/t Au

# EXPLORATION UPSIDE – MORE CHICKEN MOUNTAINS

GOLDEN APEX: BURIED INTRUSIVE UNDER VOLCANIC CAP ROCKS?  
EASTERN PORTION OF CHICKEN MOUNTAIN UNTESTED



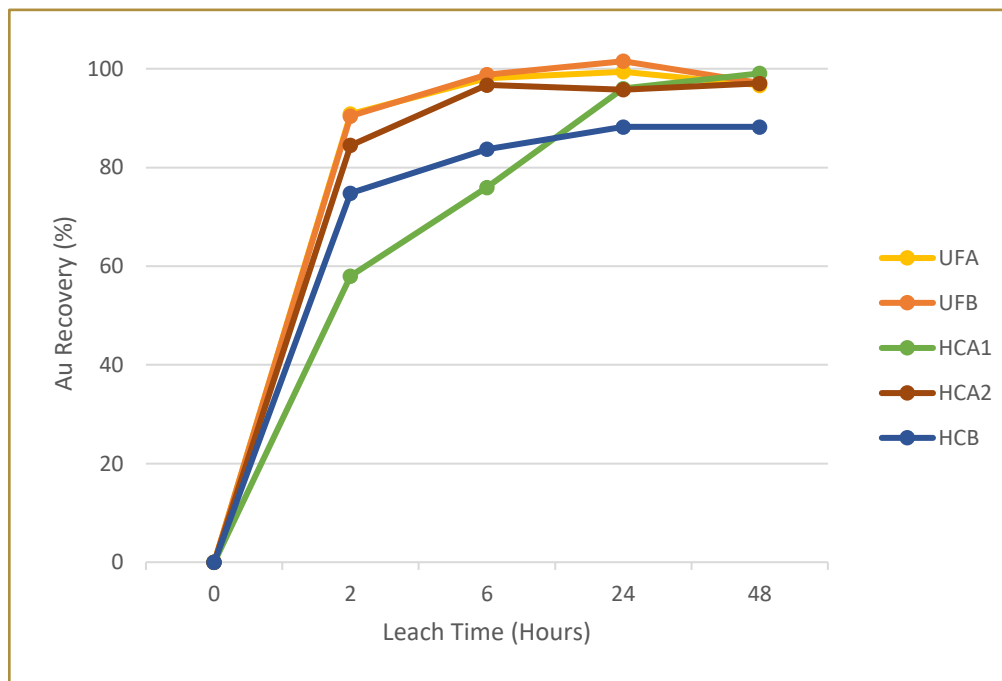
Comparison of aerial imagery (left), surficial geology (middle) and 7600 Hz EM data (right, with geology transparency)



# 2023 CONVENTIONAL BOTTLE ROLL TESTS: AVG. GOLD RECOVERY OF 95.6%

## 48 HOUR LEACH KINETICS K80 75µm GRIND

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



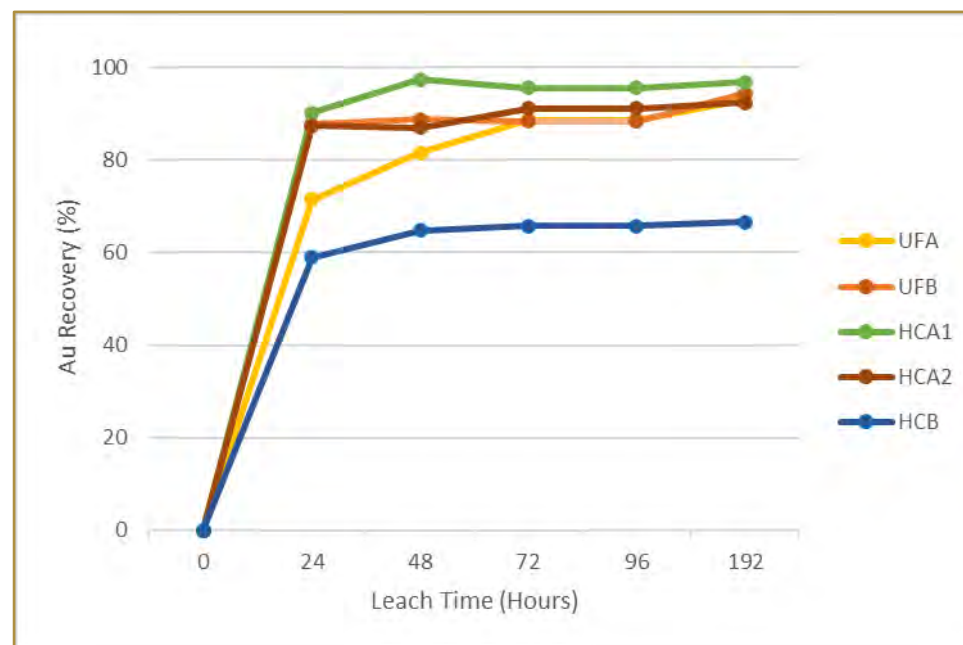
- Strong and rapid leach kinetics
- Very low cyanide consumption
- Low sulphur content
- No preg robbing identified

# 2023 COARSE CRUSH BOTTLE ROLL TESTS: AVG GOLD RECOVERY OF 88.5%

6 MESH, K100 3360 μm OVER A 192 HOUR PERIOD

Composite	Mineralization Type	Calculated Head Grade	Consumption (kg/t)		Au Recovery (%)					
					Leach Kinetics (hour)					
					Au g/t	NaCN	Ca(OH) <sub>2</sub>	24	48	72
UFA	Oxide	1.50	0.24	4.02	71.4	81.4	88.6	88.6	92.8	<b>92.8</b>
UFB	Oxide	0.65	0.28	3.20	87.5	88.7	88.3	88.3	94.2	<b>94.2</b>
HCA1	Oxide	0.50	0.19	3.16	90.0	97.3	95.5	95.5	96.8	<b>96.8</b>
HCA2	Oxide	1.01	0.19	2.08	87.3	87.0	91.1	91.1	92.3	<b>92.3</b>
HCB	Fresh-Sulphide	0.97	0.19	1.34	58.9	64.8	65.6	65.6	66.5	<b>66.5</b>

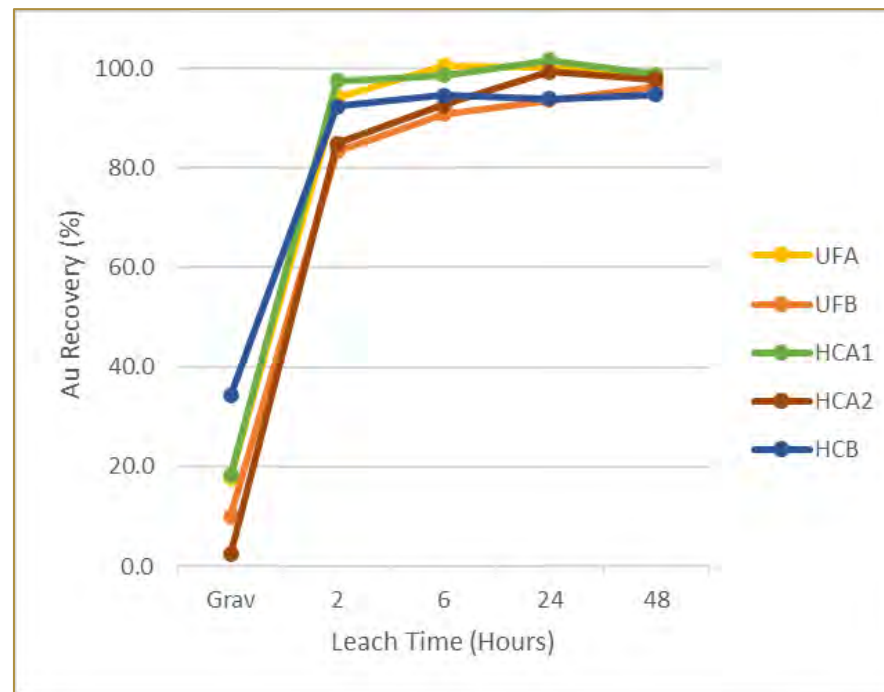
4 of the 5 composites averaging 94.0% gold recovery



# 2023 GRAVITY CONCENTRATION + BOTTLE ROLL TESTS: AVERAGE GOLD RECOVERY OF 97.2%

## 48 HOUR LEACH KINETICS K80 75µm GRIND

Composite	Mineralization Type	Calculated Head Grade	Gravity Concentrate		Bottle Roll		Au Recovery (%)				
					Consumption (kg/t)		Leach Kinetics (hour)				Total
					NaCN	Ca(OH)2	2	6	24	48	Grav+CN
UFA	Oxide	1.11	127	17.8	0.2	3.23	76.3	82.7	82.5	80.8	<b>98.7</b>
UFB	Oxide	0.94	52.1	10.0	0.16	2.74	73.3	80.8	83.5	86.2	<b>96.3</b>
HCA1	Oxide	0.77	81.5	18.2	0.11	2.57	79.3	80.3	83.4	80.5	<b>98.7</b>
HCA2	Oxide	1.13	12.9	2.4	0.14	1.79	82.4	90.2	96.8	95.4	<b>97.8</b>
HCB	Fresh-Sulphide	1.12	200	34.3	0.17	1.2	58.1	60.2	59.6	60.4	<b>94.7</b>



**Fresh sulphide composite (HCB) yields 94.7% gold recovery**

# CAPITAL STRUCTURE

AS OF JANUARY 2023

<b>Shares Outstanding</b>	240,030,490
<b>Fully Diluted</b>	337,735,876
<b>Estimated Cash</b>	C\$2,500,000
<b>Debt</b>	None
<b>Strong Supportive Shareholders</b>	59% <span style="font-size: 2em; vertical-align: middle;">{</span> <ul style="list-style-type: none"><li><b>11.0% Tectonic Team</b></li><li>12.0% Doyon, Ltd. <i>(14% partially diluted)</i></li><li>19.5% Crescat Capital <i>(22.6% partially diluted)</i></li><li>16.0% Other Resource Funds (Gold 2000, RCF, Mackenzie, etc.)</li></ul>
<b>Most Recent Financings</b>	2022: C\$3,100,900 @ \$0.08 Unit (1 Full 2-yr warrant at \$0.12 expiring November 2024) 2022: C\$2,300,000 @ \$0.06 Unit (1 half 2-yr warrant at \$0.10 expiring July 2024) 2021: C\$7,100,000 @ \$0.10 Unit (1 half 2-yr warrant at \$0.17 expiring June 2023)
<b>Options Outstanding</b>	4,550,000 @ \$0.12 weighted average price



## Flat Drilling Planned for Summer 2023

*First drill program in 20 years*

### Website

[www.tectonicmetals.com](http://www.tectonicmetals.com)

### Email

[info@tectonicmetals.com](mailto:info@tectonicmetals.com)

### Toll-free

1.888.685.8558

**TECT:** TSX-V

**TETOF:** OTCQB

**T15B:** FSE

**TECTONIC**  
METALS INC.

Tony, CEO & Pete, VPX at Flat, October 2022