



TSX-V: TECT  
OTCQB: TETOF  
FSE: T15B

**TECTONIC**  
METALS INC.

## THE FLAT GOLD PROJECT

Is Grade King? Leveraging Metallurgy to Make Every Ounce Count



# FORWARD LOOKING STATEMENT AND NATIONAL INSTRUMENT 43-101 COMPLIANCE

**TECTONIC**  
METALS INC.

## 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.

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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 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.

# WHAT DRIVES PRODUCTION COSTS & MARGIN?

## A Deep Dive into All-In Sustaining Costs (AISC)

ITEM	COST (%) <sup>2</sup>
Crushing	2.8
<b>Grinding</b>	<b>47</b>
Flotation	16.2
Thickening	3.5
Filtration	2.8
Tailings	5.1
Reagents	0.5
Pipeline	1.4
Water	8
Laboratory	1.5
Maintenance support	0.8
Management support	1.6
Administration	0.6
Other expenses	8.1
<b>Total</b>	<b>100</b>

**Grinding**  
contributes nearly  
**50% of mining**  
**AISC**

## Factors that Impact Production Costs<sup>1</sup>

### Energy

- Crushing, Grinding, Flotation, etc.

### Geological Factors

- Disseminated vein style is lower costs due to bulk mining and lower strip ratio vs vein-type
- Intrusion-hosted gold ore bodies tend to exhibit lower costs than volcanic-hosted ores

### Operational Scale

- Larger operations tend to achieve lower costs per oz due to efficiencies in production

### Grade

- Higher average ore grades generally lead to lower production costs per oz

### Depth of Mineralization

- Open-pit is typically lower cost than underground

### Metallurgy

- Heap leach is generally lower cost than milling

1. Irich, S., Kanakis, M., Groves, D., Hagemann, S., Sykes, J., & Trench, A. (2016). Is grade king in gold? A prelim. analysis of gold production costs at Australian and New Zealand mines. In *AusIMM New Zealand Branch Annual Conference 2016*. The Aus.Institute of Mining and Met.

2. Barry A. Wills, James A. Finch FRSC, FCIM, P.Eng., in *Wills' Mineral Processing Technology (Eighth Edition)*, 2016

# SHOW ME, DON'T TELL ME

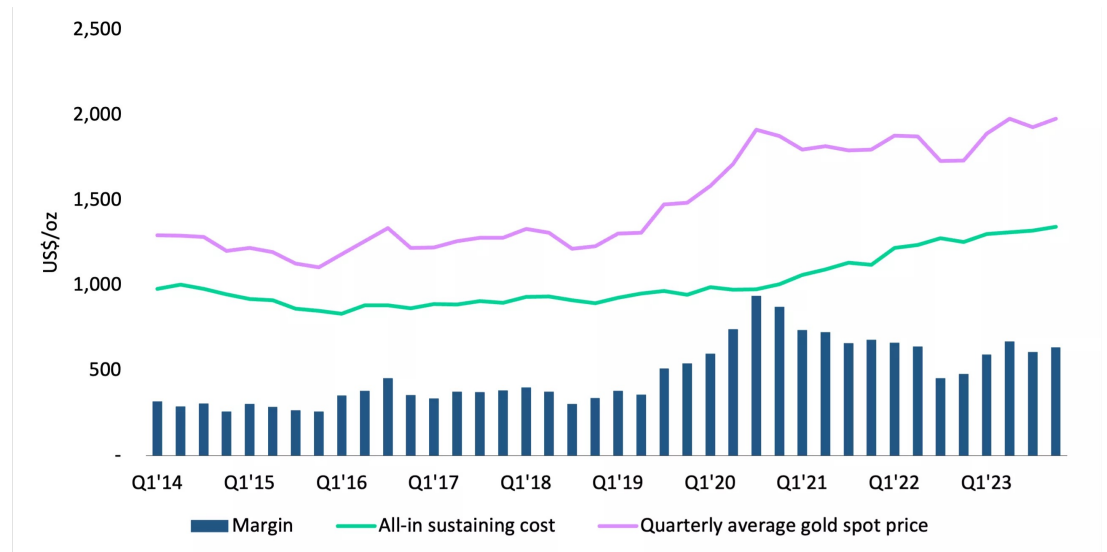
UNDENIABLE SCALE: REAL, TANGIBLE EVIDENCE SUPPORTING A TIER-1 GOLD SYSTEM



## What is a Tier-1 Gold Resource Discovery?

As Defined by Newmont<sup>1</sup> and Barrick Definition<sup>2</sup>:

- Annual production of at least 500,000 ounces of gold
- Minimum 10-year mine life
- Average All-In Sustaining Cost (AISC) per ounce in the lower half of the industry cost curve
- Located in countries with an average rating of A or B by Moody's, S&P, or Fitch



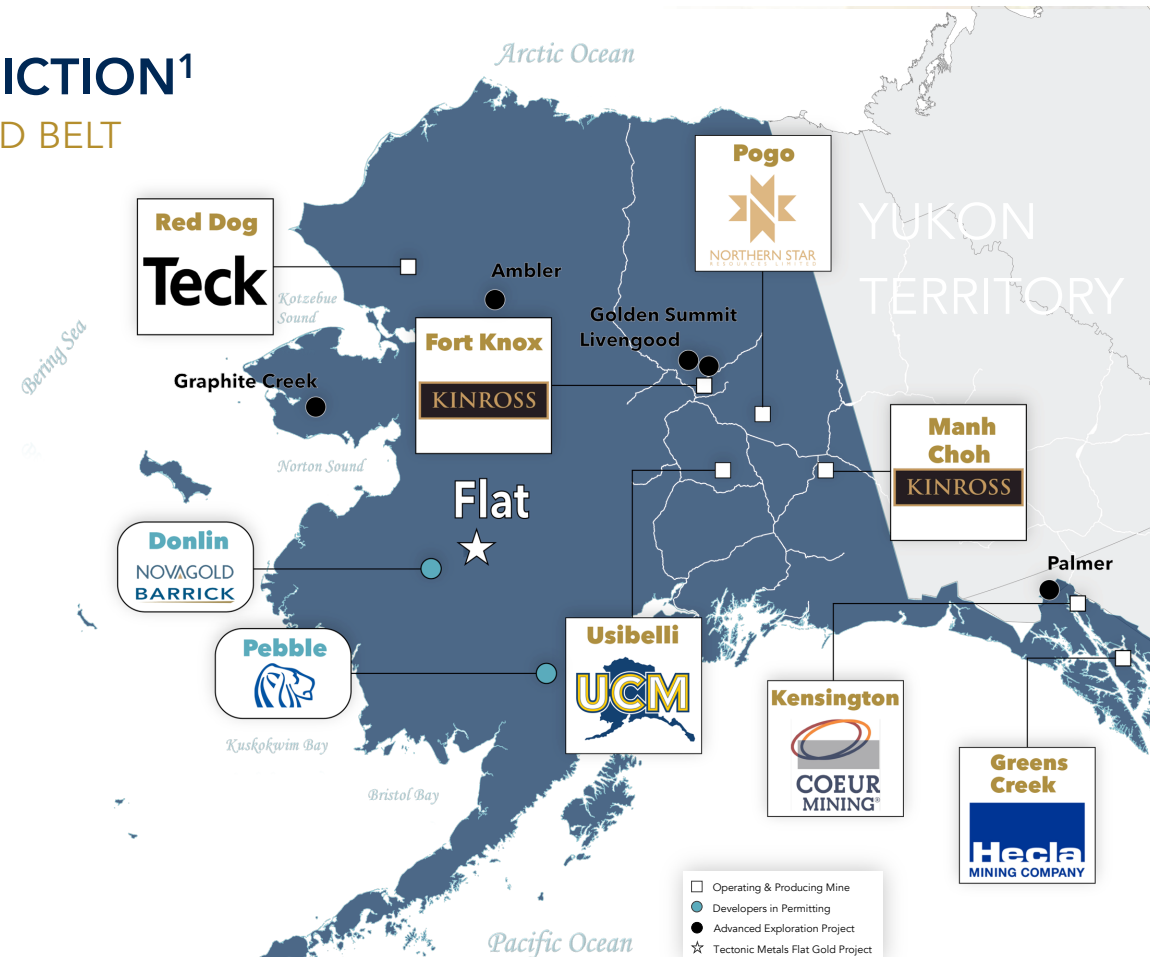
\*Data as of 31 December 2023.  
Source: Metals Focus Gold Mines Cost Service

1. Newmont Corporation. (2023, May). *Investor presentation*. [https://s24.g4cdn.com/382246808/files/doc\\_presentations/2023/05/Newmont-Investor-Presentation-May-2023\\_Final-1.pdf](https://s24.g4cdn.com/382246808/files/doc_presentations/2023/05/Newmont-Investor-Presentation-May-2023_Final-1.pdf)  
2. Barrick Gold Corporation. (2024). *Barrick to grow production and value on global asset foundation*. <https://www.barrick.com/English/news/news-details/2024/barrick-to-grow-production-and-value-on-global-asset-foundation/default.aspx>

# ALASKA: TIER-1 MINING JURISDICTION<sup>1</sup>

NESTLED IN THE RENOWNED TINTINA GOLD BELT

- **7 producing mines** currently operating
- The **2<sup>nd</sup> highest** gold producing state in the USA<sup>2</sup>
- **Low geopolitical risk** – 3<sup>rd</sup> out of 120 mining jurisdictions on the Global Investment Risk Index
- Export value of \$1.8 billion, or **36% of Alaska's total exports in 2017<sup>4</sup>**
- Business partnerships with **supportive Native Corporations** through royalty sharing programs<sup>5</sup>
- **\$13 billion** in exploration and development since 1981<sup>5</sup>
- **\$740 Million** spent in 2023 on exploration and development by Alaska's mines and projects<sup>5</sup>

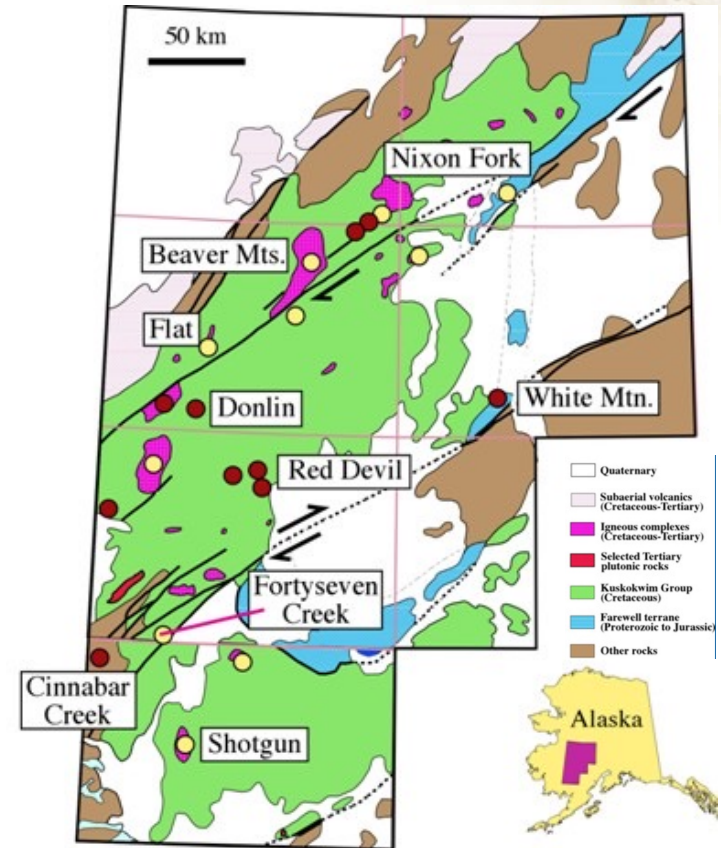


1. Per the State of Alaska Credit Ratings Reports: <https://treasury.dor.alaska.gov/home/debt-management/alaska-credit-ratings>.  
 2. Per the 2024 Mineral Commodity Summaries Report: <https://pubs.usgs.gov/periodicals/mcs2024/mcs2024-gold.pdf>.  
 3. Per Mining Journal Intelligence – World Risk Report 2023 Alaska received an AA rating, ranks number 5 globally on the Investment Risk Index and is in the top quartile for low-risk in each category (Legal, Governance, Social, Fiscal and Infrastructure).  
 4. Per Alaska Miners Association Website: <https://www.alaskaminers.org/major-mines>.  
 5. Per the Alaska Miners Association August 2024 Infographic: [https://www.alaskaminers.org/\\_files/ugd/beae26\\_b56d673a5878403e948e6410148c40ce.pdf](https://www.alaskaminers.org/_files/ugd/beae26_b56d673a5878403e948e6410148c40ce.pdf).

# THE RIGHT ZIP CODE FOR GOLD

## UNLOCKING RICHES IN THE KUSKOKWIM MINERAL BELT

- **Proven Tier-One Potential**
  - Home to Donlin, a 39 million ounce tier-one gold system<sup>1</sup>
  - Track record of large-scale gold discoveries
- **Prime Location for New Discoveries**
  - “The best place to find a mine is next to a mine”
  - Prolific gold belts like Kuskokwim often host multiple deposits
- **Untapped Geological Promise**
  - Rich mineralization suggests potential for multiple high-grade deposits
  - Placer gold production across the Kuskokwim region
- **Why Stop at One?**
  - Did Mother Nature intend for only one major gold deposit in this region?



<sup>1</sup>) 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  
<sup>2</sup>) Figure Credit: U.S. Department of the Interior U.S. Geological Survey Late Cretaceous Tectonic Evolution and Metallogeny of Southwestern Alaska.

# THE FLAT GOLD SYSTEM: SIX DISTRICT SCALE INTRUSION TARGETS

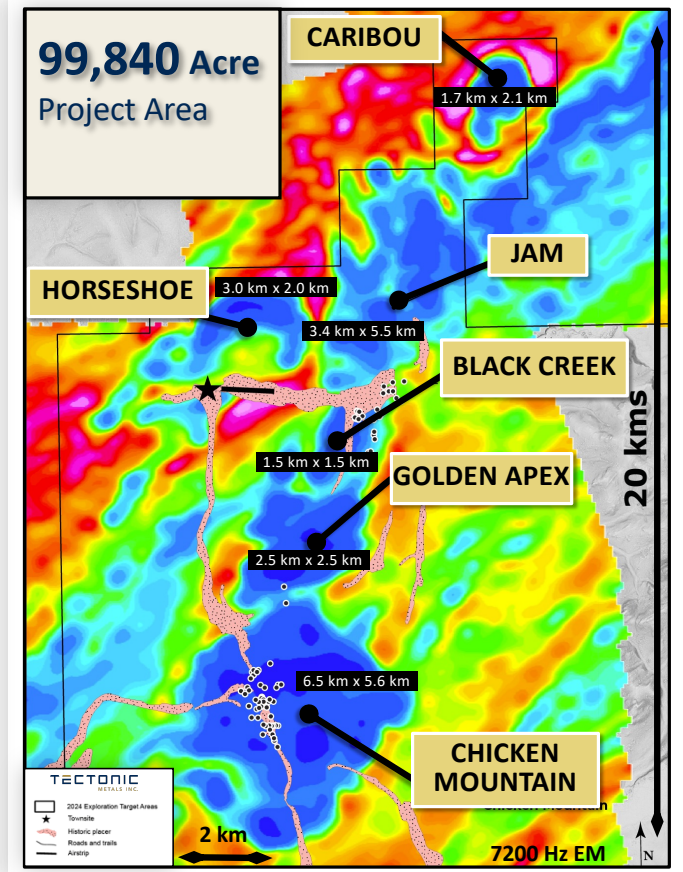
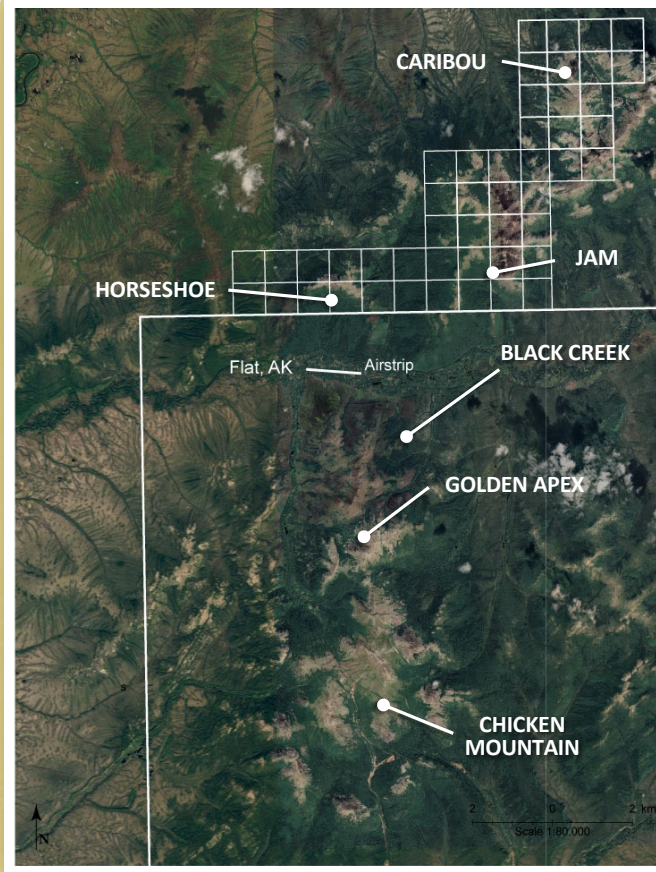
PART OF A 20 KM "STRING-OF-PEARLS" GEOPHYSICAL ANOMALY

**6** KM-SCALE INTRUSION TARGETS

**PRIMARY TARGET**

Chicken Mountain

- Bulk Open Pit
- Heap Leach Opportunity



# CHICKEN MOUNTAIN – “BIG DEPOSITS LEAVE BIG FOOTPRINTS”

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

### 1.4 Moz<sup>1</sup> Recorded Placer Production At Flat

- 3<sup>rd</sup> richest placer gold mining jurisdiction in Alaska<sup>1</sup>
- 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

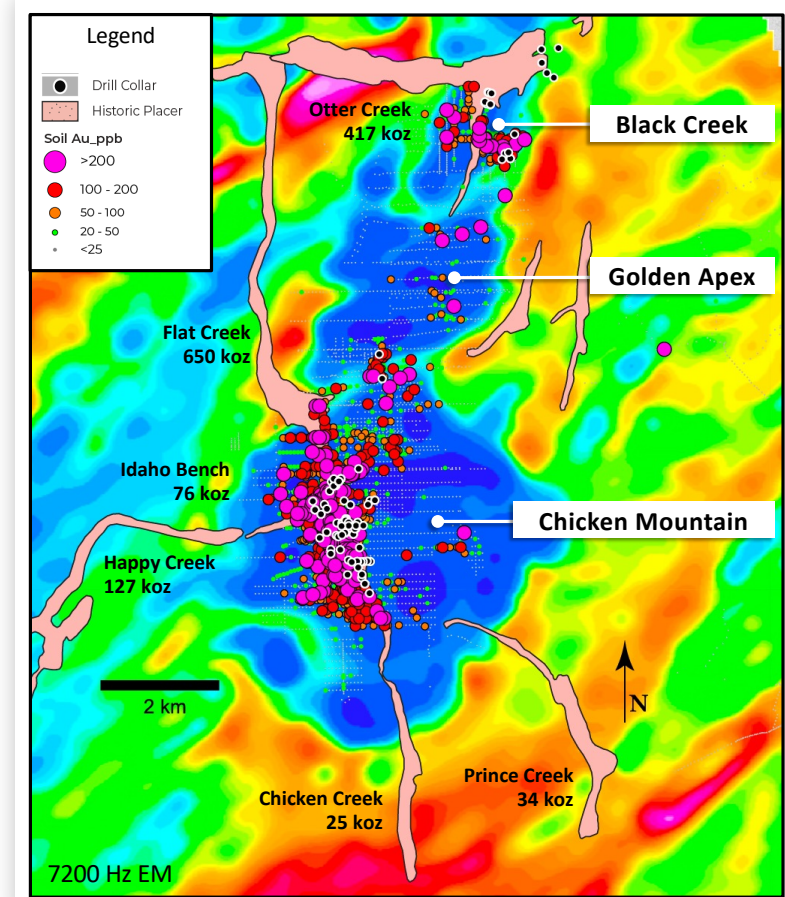
- Soil sampling + geophysics: a proven exploration methodology with a 100% drill success rate
- < 50% of anomaly drill tested and open
- Unglaciated terrain

### 100% Drill Success Rate At Chicken Mountain

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

### Free-Milling and Heap Leachable

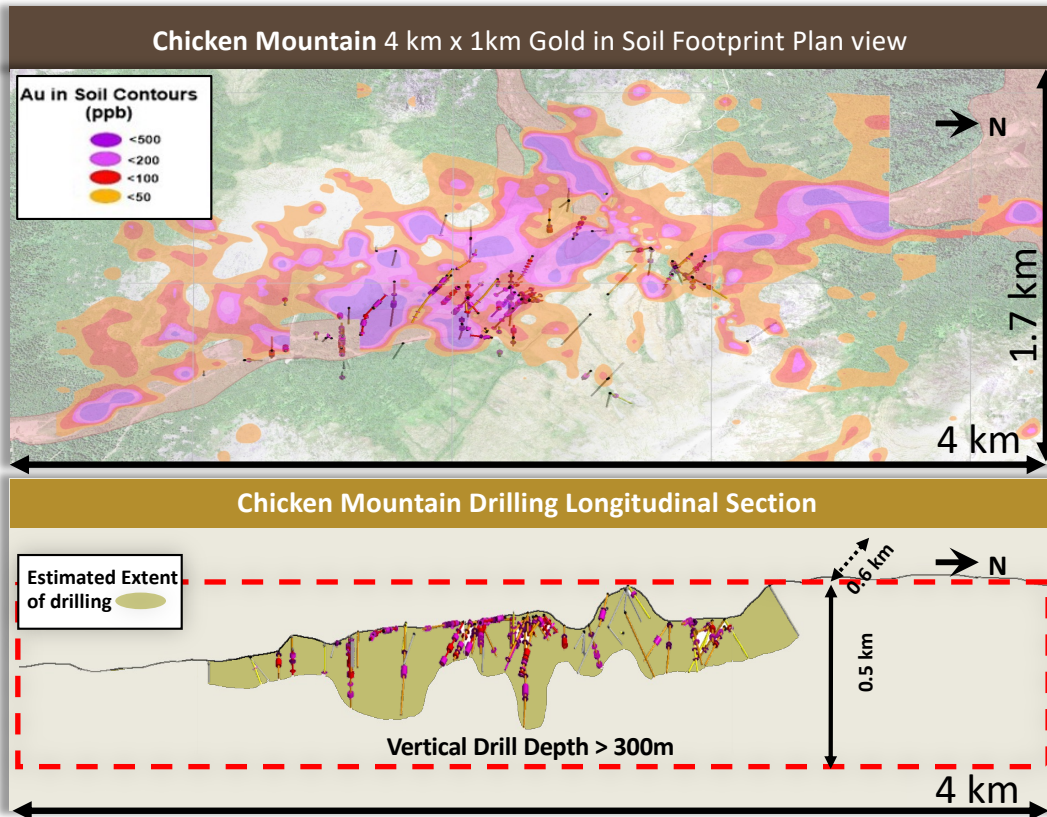
- 96% Average Gold Recoveries
- De-risking on day one by conducting a wide array of metallurgical
- Industry leading met. results paves way for open-pit heap leach mining





# A 100% DRILL SUCCESS RATE USING GOLD-IN-SOIL ANOMALIES

< 50% OF GOLD-IN-SOIL ANOMALY DRILL TESTED TO DATE



## Mineralization Footprints of Other Tintina Projects

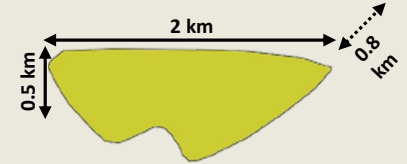
### FORT KNOX MINE

**Past production:**

9.0 Moz Au<sup>1</sup>

**Mineral Resource (M&I):**

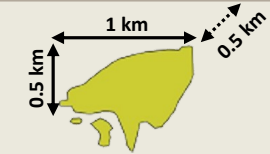
3.0 Moz @ 0.83 g/t Au<sup>1</sup>



### EAGLE MINE

**Mineral Resource (M&I):**

4.3 Moz @ 0.65 g/t Au<sup>2</sup>

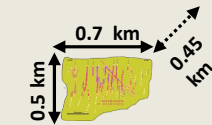


### SNOWLINE GOLD CORP.

**Rogue Project “Valley” target highlighted**

**Inferred/Indicated Resource:**

7.2 Moz Au<sup>2</sup>



### BANYAN GOLD

**Aurmac Project “Airstrip/Powerline” targets highlighted**

**Combined Avg. Grade:**

0.63 g/t Au<sup>3</sup>

**Combined Inferred Resource:**

7.0 Moz Au<sup>3</sup>

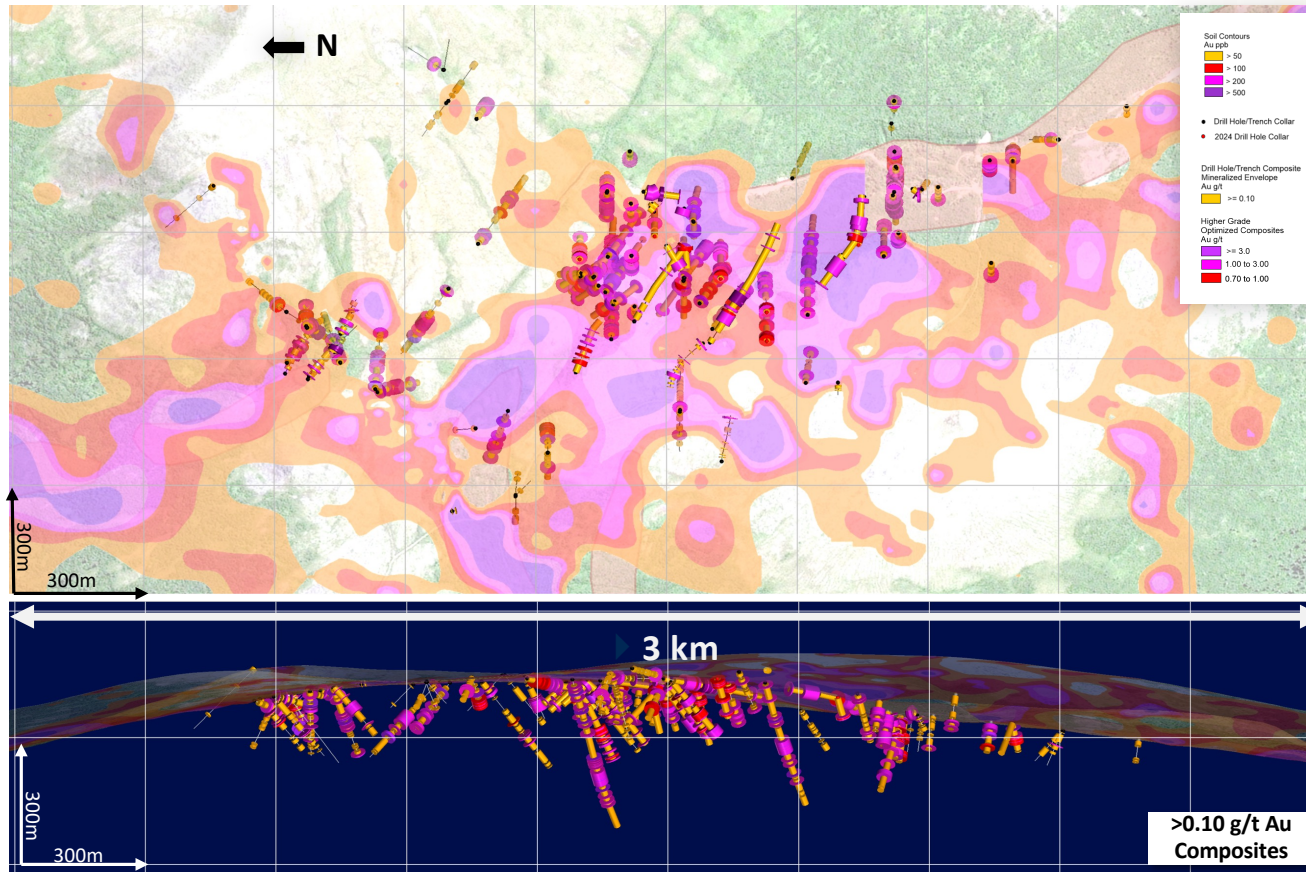


1 Dec. 31, 2022, Annual Mineral and Resource Statement. Proven & Probable Mineral Reserves 1,935koz Au. Mineral Resources are estimated at a cutoff grade of 0.30 g/t Au. 2) Snowline Gold Corp. (2024, August 20). Investor presentation: August 20, 2024 [PDF]. Snowline Gold Corp. <https://snowlinegold.com/wp-content/uploads/2024/08/Investor-Presentation-August-20-2024-v2.pdf> 3) NOVAGOLD. (2022, August 3). Donlin Gold reports excellent initial 2022 drill program results. NOVAGOLD Resources Inc. <https://novagold.com/donlin-gold-reports-excellent-initial-2022-drill-program-results/>

## +2 KMS OF STRIKE = MULTI-MILLION OUNCE OPEN-PIT OPPORTUNITY

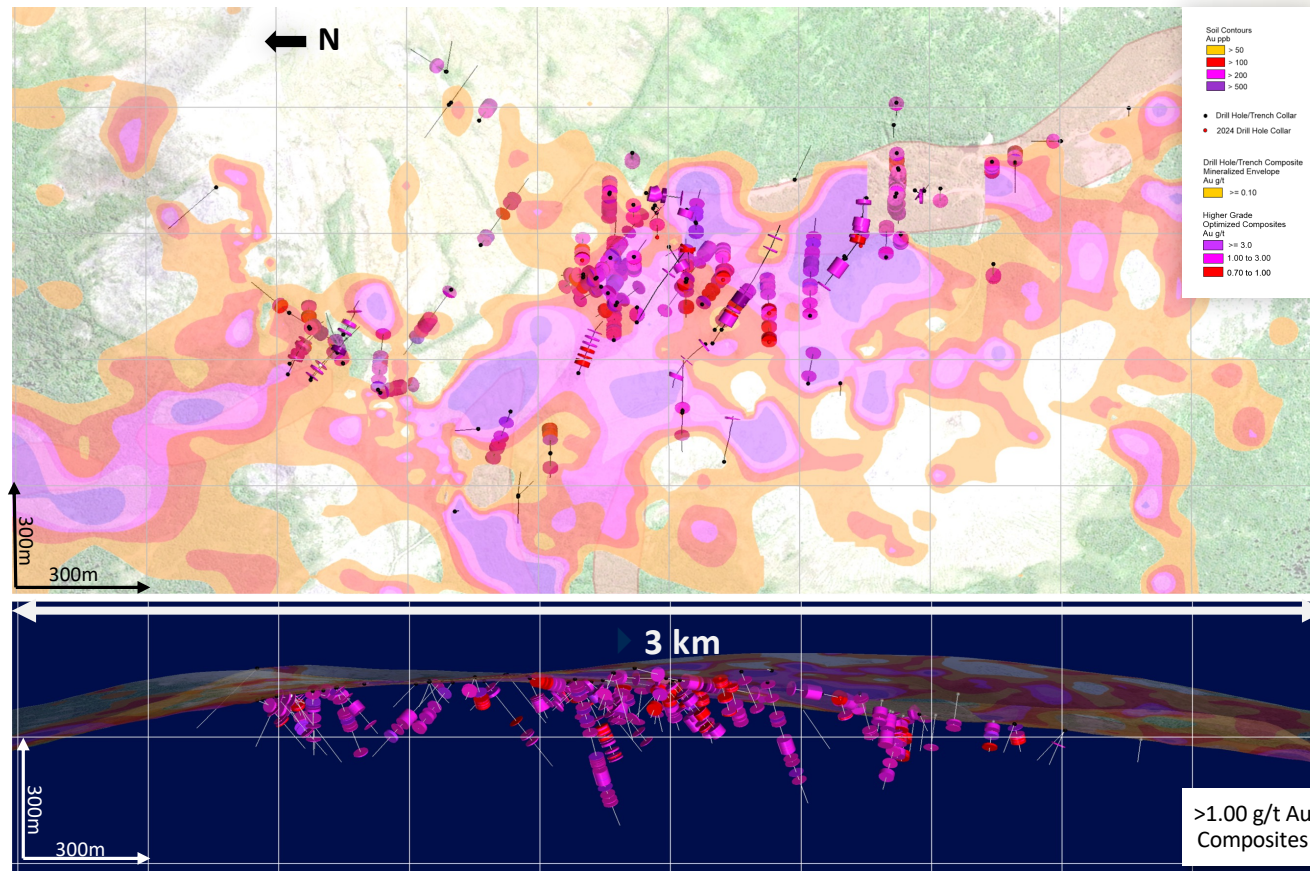
MINERALIZATION STARTS AT SURFACE + NO OVERBURDEN + FAVOURABLE TOPOGRAPHY = POTENTIAL FOR LOW STRIP & WASTE-TO-ORE RATIO

- Continuous mineralized zones defined at 0.1 g/t Au cutoff



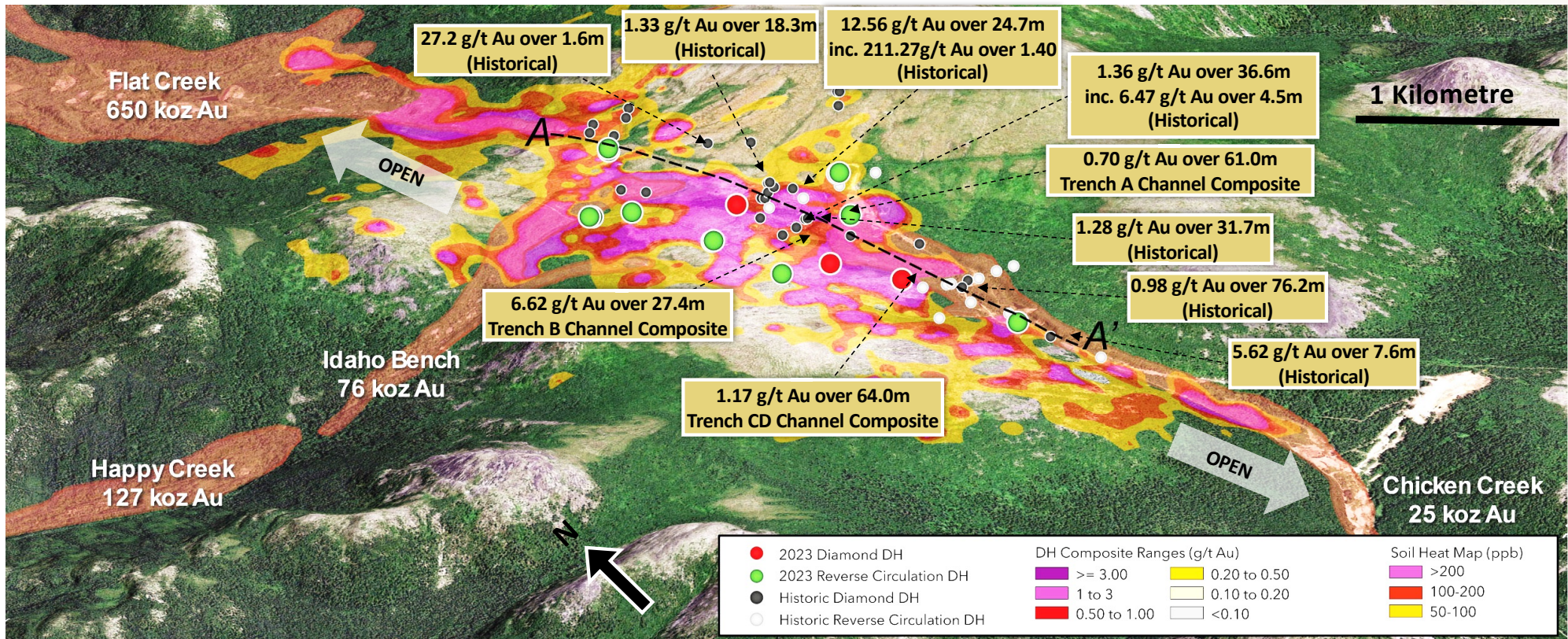
# >1.00 G/T AU DRILL COMPOSITES = MULTI-MILLION OUNCE OPEN-PIT OPPORTUNITY

MINERALIZATION STARTS AT SURFACE + NO OVERBURDEN + FAVOURABLE TOPOGRAPHY = POTENTIAL FOR LOW STRIP & WASTE-TO-ORE RATIO



# 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"

## POTENTIAL LOW STRIP RATIO

FAVORABLE TOPOGRAPHY WITH MINERALIZATION STARTING AT SURFACE FOR OPEN-PIT OPPORTUNITY

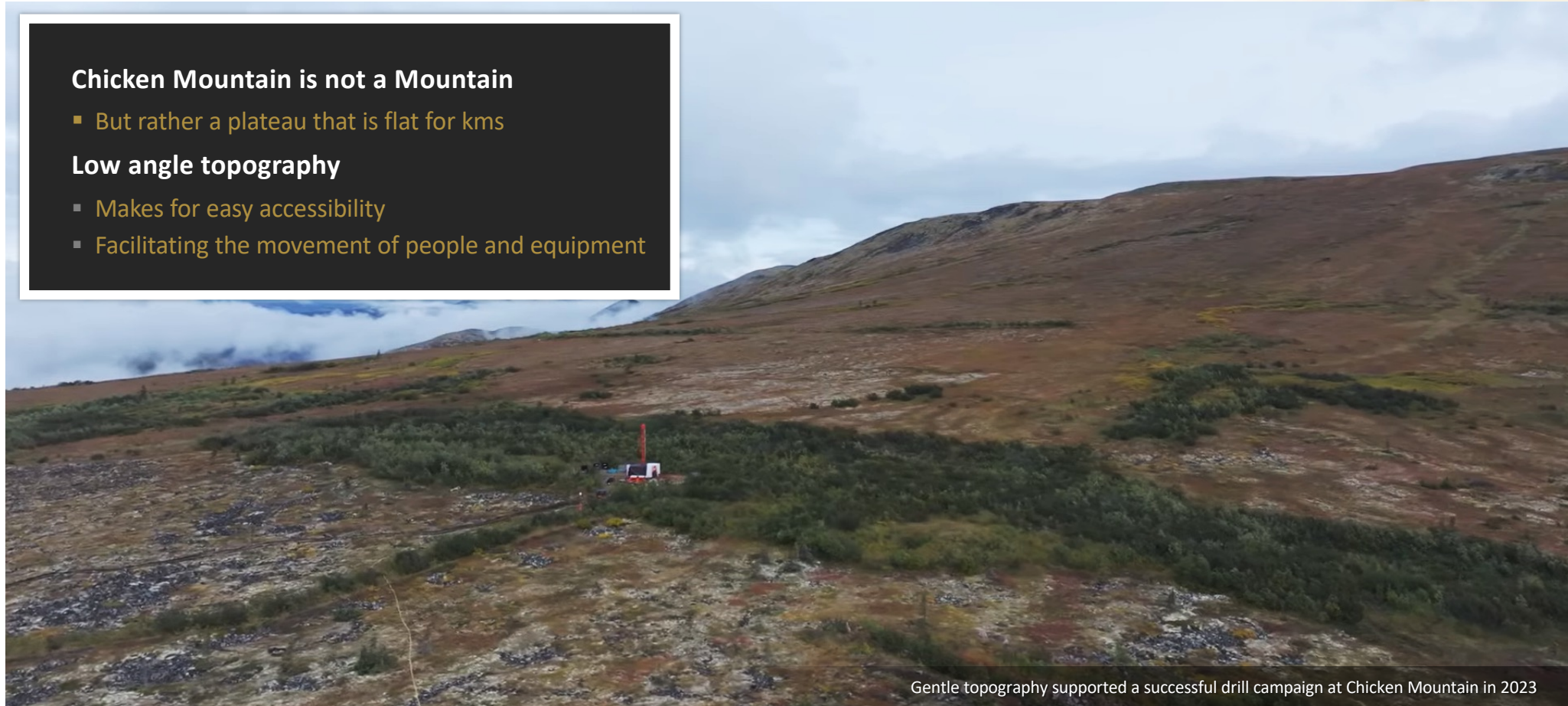
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### Chicken Mountain is not a Mountain

- But rather a plateau that is flat for kms

### Low angle topography

- Makes for easy accessibility
- Facilitating the movement of people and equipment



Gentle topography supported a successful drill campaign at Chicken Mountain in 2023

# FLAT PROJECT: EXISTING AND NEARBY LOCAL INFRASTRUCTURE

## TICKING THE BOXES ON INFRASTRUCTURE

### On-site 4,100 ft Flat airstrip

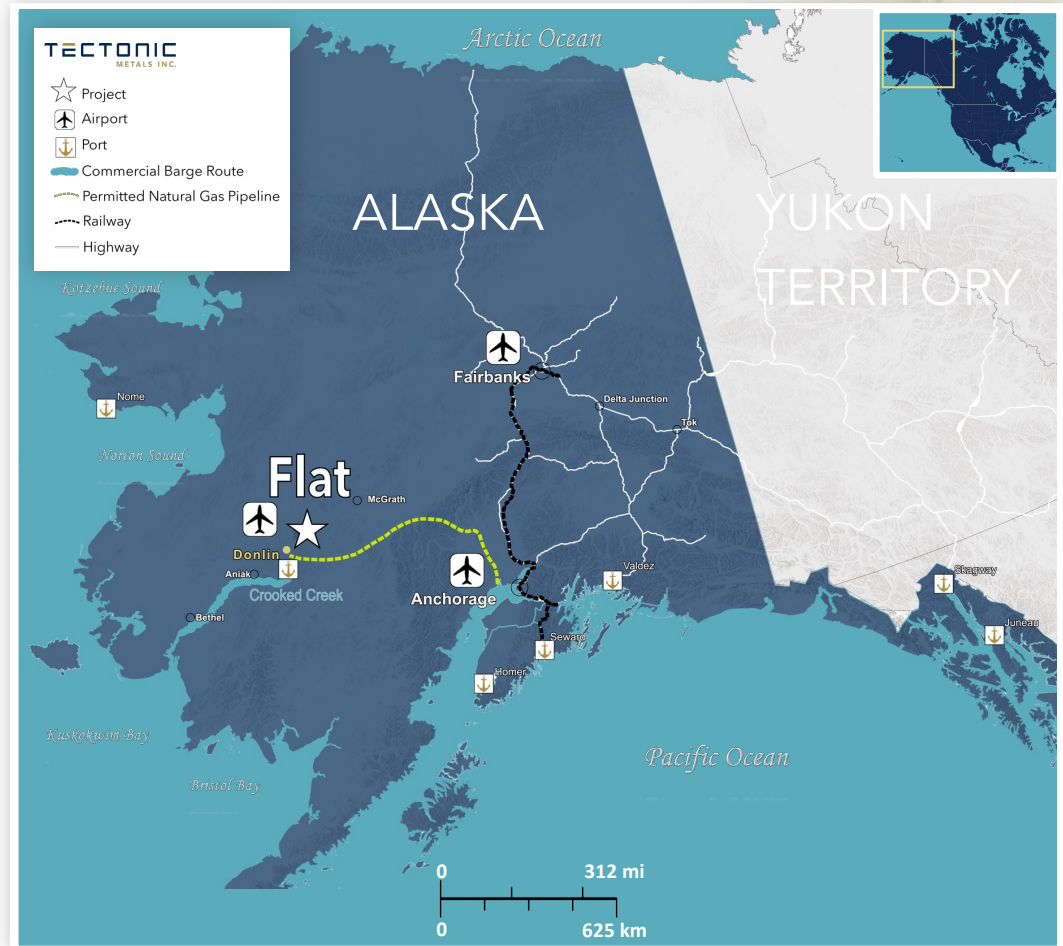
- Hercules (48,000 lbs payload) capable

### Road access

- From airstrip to several mineralized zones

### Commercial river barge access nearby

### Donlin permitted natural gas pipeline



# FLAT'S ONSITE AND NEARBY INFRASTRUCTURE

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



Hercules Cargo Plane Landing at Flat



Chicken Mountain road access ~7.5km from Flat Airstrip



4100 ft Hercules Airstrip Onsite at Flat



Kuskokwim River

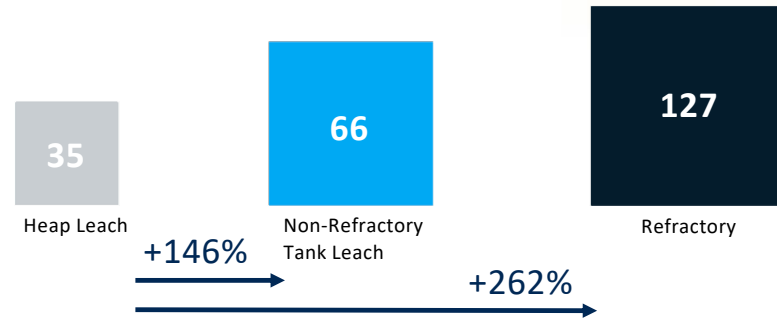
Crooked Creek Barge River Access

# NOT ALL GOLD IS MADE EQUALLY: THE DEPOSIT DETERMINES THE PROCESS

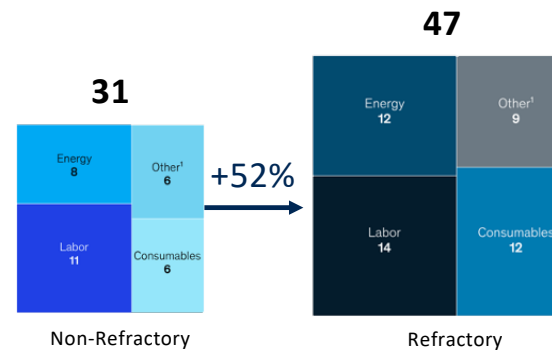
## UNDERSTANDING THE RECOVERY NEEDS OF EACH GOLD DISCOVERY

	Free Milling Gold	Refractory Gold
GRADE	+	++
CAPEX	+	++
OPEX	+	++
ENVIRO. IMPACT	+	++
	<i>Heap Leach Processing Possible</i>	<i>Requires additional sophisticated processing steps</i>

- Capital Expenditure of Open Pit Mines (\$/metric ton of run-of-mine capacity)<sup>1</sup>



- Operational Costs of Open Pit Mines (\$/metric ton of run-of-mine capacity)<sup>1</sup>

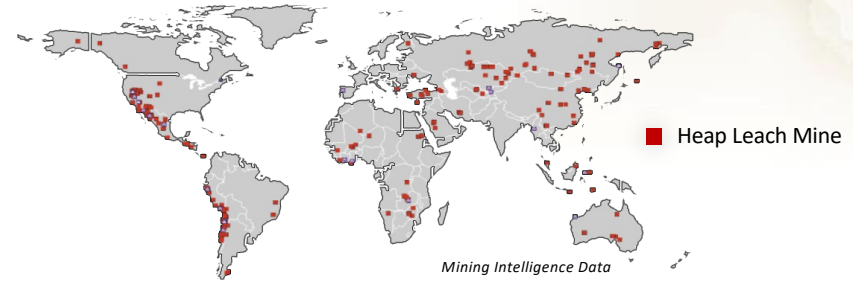


<sup>1</sup>) La Porta, D., McInnis, B., Soltanmohammadi, S., & Tilley, B. (2021, March 23). *Refractory gold ores: Challenges and opportunities for a key source of growth*. McKinsey & Company. <https://www.mckinsey.com/industries/metals-and-mining/our-insights/refractory-gold-ores-challenges-and-opportunities-for-a-key-source-of-growth>



# IS GRADE KING? SHOW ME, DON'T TELL ME

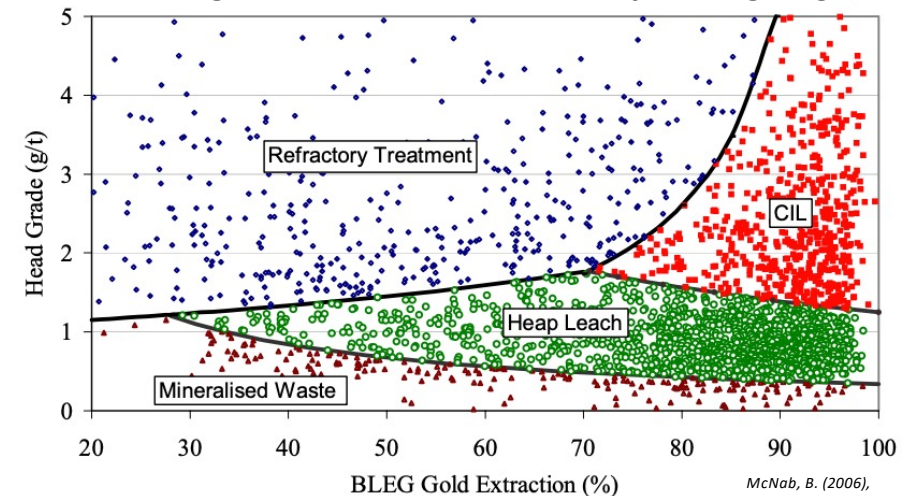
286 HEAP LEACH MINES WORLDWIDE DOESN'T LIE



Undoubtedly, **Heap Leaching Processing** offers a wide range of **advantages**:

- Low capital investment and operating costs
- Fast payback
- No tailings disposal
- Lower energy and water requirements
- Can be applied to tailings and waste piles
- Viable in a wide range of climates
- Simple setup and operation
- **Profitability lower grades (i.e., Fort Knox profitable at an avg. grade of 0.3 g/t Au)**

Process categories based on leach recovery vs ore gold grade<sup>1</sup>



<sup>1</sup> McNab, B. (2006), Exploring HPGR Technology For Heap Leaching of Fresh Rock Gold Ores, IIR Crushing & Grinding Conference, Townsville, Australia, March 29–30.

# MULTIPLE MET TESTING CONFIRM FREE-MILLING / NON-REFRACTORY MINERALIZATION



CONVENTIONAL BOTTLE ROLL, GRAVITY, COMBINED GRAVITY & BOTTLE ROLL, AND FLOTATION

**Strong and rapid leach kinetics**

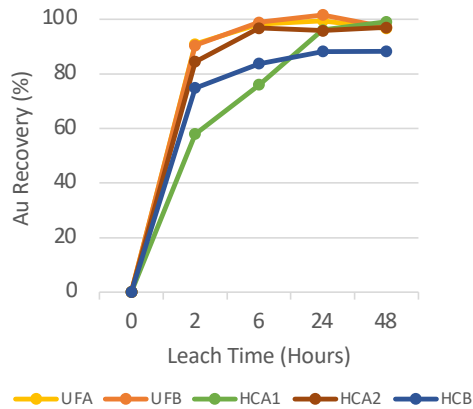
**Very low cyanide consumption**

**Low sulphur content**

**No preg robbing identified**

**96% Avg. Gold Recovery Validates Potential for Heap Leach Processing**

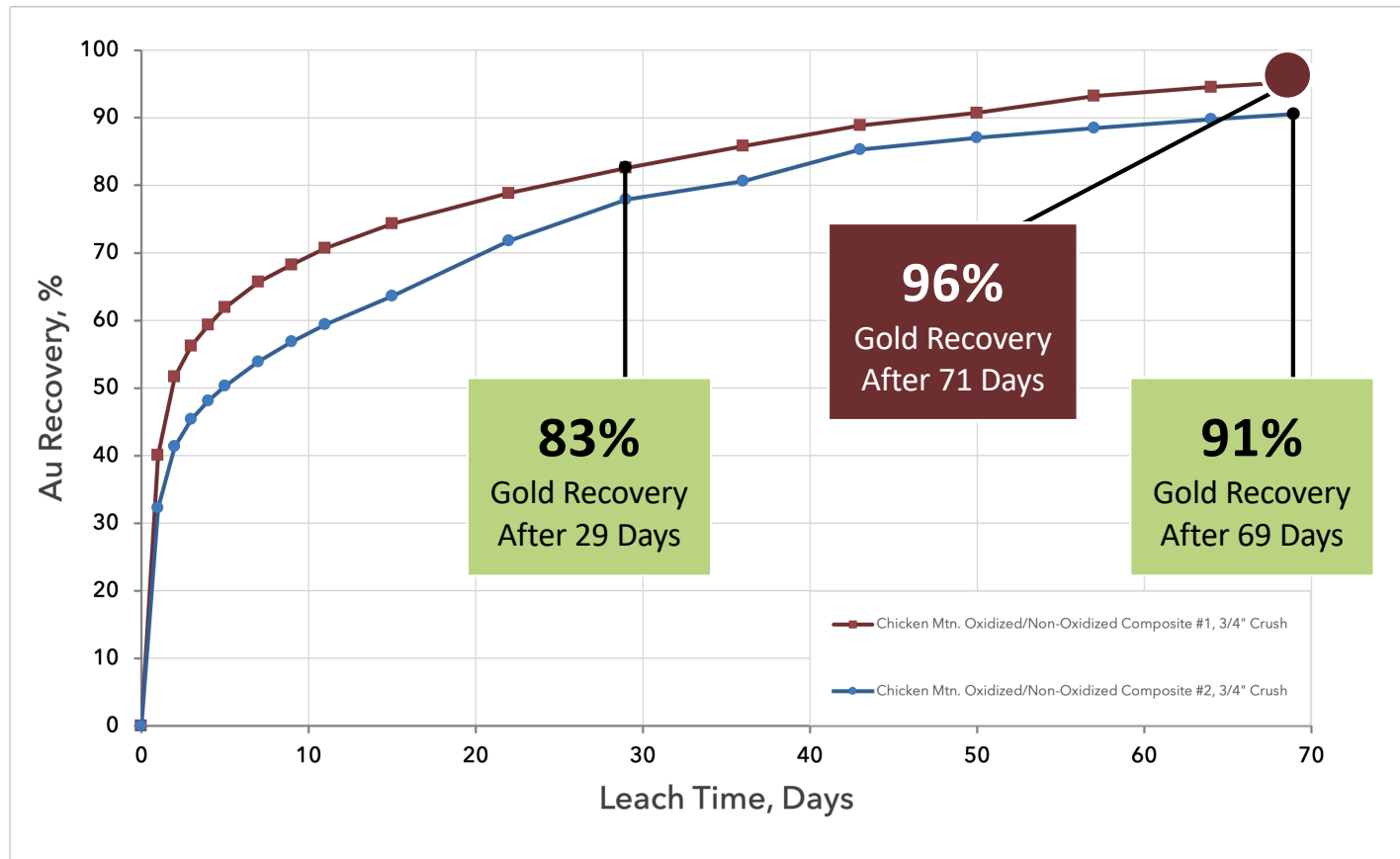
48 Hour Leach Kinetics K80 75µm Grind



Composite	Mineralization Type	Calculated Head Grade Au g/t	Consumption (kg/t)		AU Recovery % Leach Kinetics (hour)				
			NaCN	Ca(OH) <sub>2</sub>	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	Oxide	1.32	0.23	0.92	74.8	83.7	88.2	88.3	<b>88.3</b>

# 96% GOLD RECOVERY FROM HEAP LEACH COLUMN TESTS ON 3/4" CRUSHED MATERIAL

POTENTIAL FOR RUN-OF-MINE HEAP LEACH PROCESSING IN PLAY



NON-OXIDIZED AND MINERALIZATION AT DEPTH LEACHES

STRONG & RAPID LEACH KINETICS

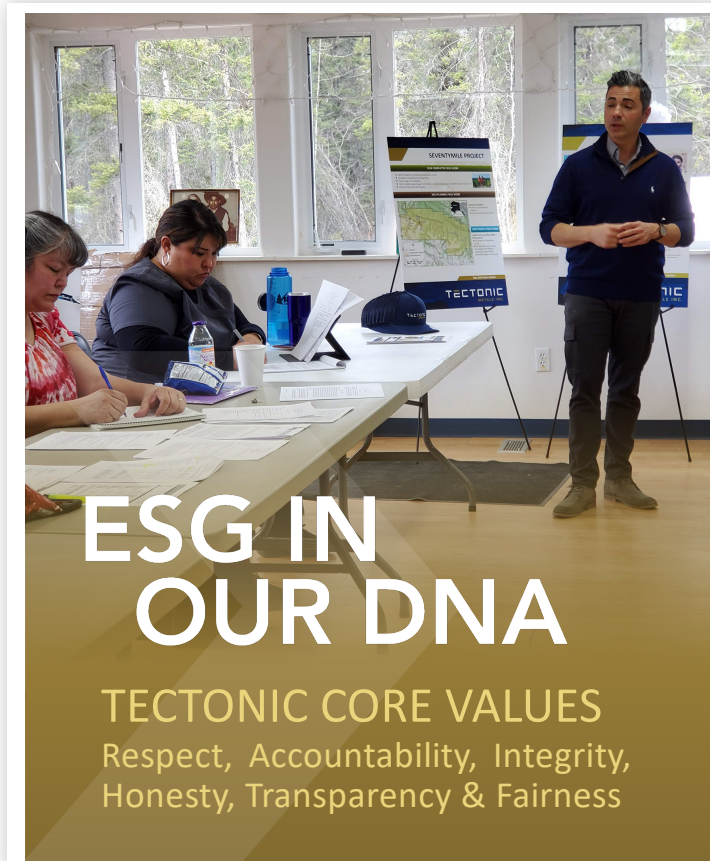
NO AGGLOMERATION REQUIRED

POTENTIAL FOR RUN-OF-MINE HEAP LEACHING

# ESG CONSIDERATIONS FOR A MINING OPPORTUNITY

FINDING GOLD IS OK, BUT FINDING ECONOMIC GOLD THAT CAN BE PERMITTED IS THE TECTONIC WAY

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## Can you Permit, Build and Finance a Mine - Location, Location, Location

- ✓ Mother nature doesn't discriminate where she places her mineral deposits. Not every project needs to become a mine.
- ✓ Can you assess & reduce environmental, social and safety risks?
- ✓ Are the regulatory bodies supportive of the Project?
- ✓ Are First Nations and local communities in support?
- ✓ Can you integrate environmental compliance into your mine plan?
- ✓ Is the political landscape in your favour?

# UNDERPINNED BY PARTNERSHIPS & STRONG SHAREHOLDERS

ALASKAN NATIVE REGIONAL CORPORATION & CRESCAT CAPITAL

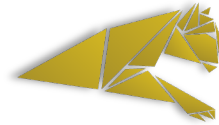


## DOYON LTD.

- One of Alaska's largest Native Regional Corporations
- **Largest private landholder in Alaska** with 12.5M acres of land, including Flat Gold Project
- 20-year history of mineral, oil and gas exploration agreements
- Over 20,000 shareholders

## TECTONIC & DOYON MILESTONE PARTNERSHIP

- Doyon is currently **Tectonic's second largest shareholder**
- Multiple strategic investments by Doyon into Tectonic
- **Discovery-to-Production, ESG/IBA Lease Agreements signed on multiple projects**



**CRESCAT CAPITAL**<sup>®</sup>  
THE VALUE OF GLOBAL MACRO INVESTING

*"Tectonic is one of our top ten holdings in the Crescat portfolio."*

*Our support for Tectonic and their Flat Project is underscored by us doubling our ownership level to 22.3% in the company last year"*



- Dr. Quinton Hennigh & Tony Reda








## CRESCAT CAPITAL, TECTONIC'S LARGEST SHAREHOLDER

- Multi-disciplinary asset management firm **specializing in precious metals-focused funds.**
- **Highly experienced team:** including **Dr. Quinton Hennigh**, an internationally **renowned economic geologist** with over 25 years of experience guiding Crescat's portfolio value-creation strategies.

# OUR PROVEN TRACK RECORD OF SUCCESS

ON ALL FRONTS OF THE BUSINESS OF EXPLORATION AND MINING



Team Member	Role
 Allison Rippin Armstrong	<i>Chair</i>
 Tony Reda	<i>Founder, CEO &amp; President</i>
 Eira Thomas	<i>Founder &amp; Advisor</i>
 Dr. John P. Armstrong Ph.D., P Geol.	<i>Director</i>
 Joseph J. Perkins Jr.	<i>Director</i>
 Michael W. (Mick) Roper	<i>Director</i>
 Peter Kleespies M.Sc., P.Geo.	<i>VP Exploration</i>

## Our Proven Track Record of Success

- **Discovery** = +30 million oz Au
- **Development** = 18 Feasibility Studies
- **Permitting** = 20 projects
- **Production** = 16 mines
- **M&A** = \$3.7 billion in transactions
- **Capital Raising** = +\$2 billion



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

**Website**

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

**Email**

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

**Toll-free**

1.888.685.8558

**T E C T O N I C**  
METALS INC.

# CAPITAL STRUCTURE

AS OF SEPTEMBER 2024

**TECTONIC**  
METALS INC.

Shares Outstanding	381,878,243
Supportive Shareholders	<b>~47%</b> { 9.9% Doyon Limited 22.3% Crescat Capital 15.0% Tectonic and others
Est. Liquid Public Float	~179,000,000
Average Daily Trading Volume (TSXV)	~600,000
Fully Diluted	515,473,524
Estimated Cash	~CA\$2.5 million
Debt	None



TECTONIC  
METALS INC.

# APPENDIX



# UNLOCKING VALUE: FLAT'S FREE-MILLING NATURE CONFIRMED BY TESTING



UPFRONT DERISKING EFFORTS TO CONFIRM ECONOMIC FEASIBILITY OF MINING AT FLAT



Evaluating the heap leach processing by conducting an array of metallurgical tests:

- Conventional Bottle Roll
- Combined Gravity & Bottle Roll
- Gravity
- Flotation Testing, and
- Heap Leach Column Testing



**Flotation Testing**

Photo Credit: ALS Global

**Heap Leach Column Testing**

Photo Credit: ALS Global

**TECTONIC**  
METALS INC.

# CHICKEN MOUNTAIN INTRUSION

Multi-Million Ounce Open-Pit Potential










# 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	<i>Chair</i>	●	●	●	●		Environmental Biologist, UN consultant, 25 years experience in ESG and mine permitting.
 Tony Reda	<i>Founder, CEO &amp; President</i>	●	●		●	●	Raised >\$200 million, \$520 million sale of Kaminak's Coffee Gold Project.
 Eira Thomas	<i>Founder &amp; Advisor</i>	●	●	●	●	●	Discovery of Diavik diamond mine, CEO of Kaminak Gold, Formerly longest serving director of Suncor Energy & CEO of Lucara Diamond
 Dr. John P. Armstrong Ph.D., P Geol.	<i>Director</i>	●	●	●	●		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.	<i>Director</i>	●		●	●	●	40+ year legal career, involved with every major resource project in Alaska including Greens Creek, Fort Knox, and Pogo mines
 Michael W. (Mick) Roper	<i>Director</i>		●	●	●		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.	<i>VP Exploration</i>	●	●		●		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.
 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).