

The background of the slide is a dark blue map of North America, with the United States and Canada visible. Overlaid on the map is a white grid of latitude and longitude lines. The company name 'TECTONIC METALS INC.' is centered on the map. 'TECTONIC' is in a large, white, sans-serif font, with a gold-colored horizontal bar above the 'e'. 'METALS INC.' is in a smaller, gold-colored, sans-serif font below 'TECTONIC'.

# TECTONIC

METALS INC.

TECT: TSX-V

TETOF: OTCQB

T15B: FSE

**A SHIFT IN THE GAME**

COMMITTED TO CREATING VALUE

SEPTEMBER 2022

# 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.

# A SHIFT IN THE GAME



PEOPLE  
FIRST



BUSINESS  
PLAN



COMMITTED  
PARTNERS

- **Experienced and Invested Team**

- We're all in and committed to finding a mine ethically and responsibly

- **Risk Mitigation and Stakeholder Alignment Starts on Day 1**

- Exploration-to-production, ESG project agreements
- Earned social license; ESG assessed upfront

- **Strategic Investment by Leading Alaskan Native Regional Corporation**

- Endorsed by Alaskan Natives (largest private landholder in Tier 1 jurisdiction)



# A COMPANY BUILT AROUND A 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 (Klaahoose First Nation)

# TECTONIC PROJECT PORTFOLIO

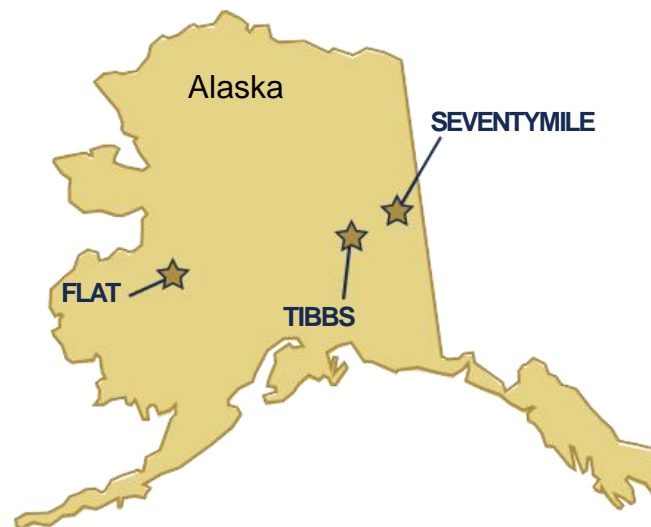
DISTRICT-SCALE, HIGH-GRADE GOLD SYSTEMS POSITIONED AT THE DISCOVERY STAGE

TECTONIC  
METALS INC.

## Flat Gold Project

A large-scale, intrusion-hosted gold system located in the same mineral belt as Donlin (Barrick & NOVAGOLD)

- +6,000m of historical drilling, 4km gold-in-soil anomaly, untested mineralized trenches indicating district-scale, open-pit potential
- 1.4Moz historic placer gold extracted



## Tibbs Gold Project

District-scale opportunity, multiple new high-grade gold discoveries and existing zones open for expansion

- Pogo-analogue and situated 35km east of the world-class Pogo Mine
- Robust infrastructure, power, and active mill nearby

## Seventymile Gold Project

40km long greenstone belt in a Tier 1 jurisdiction

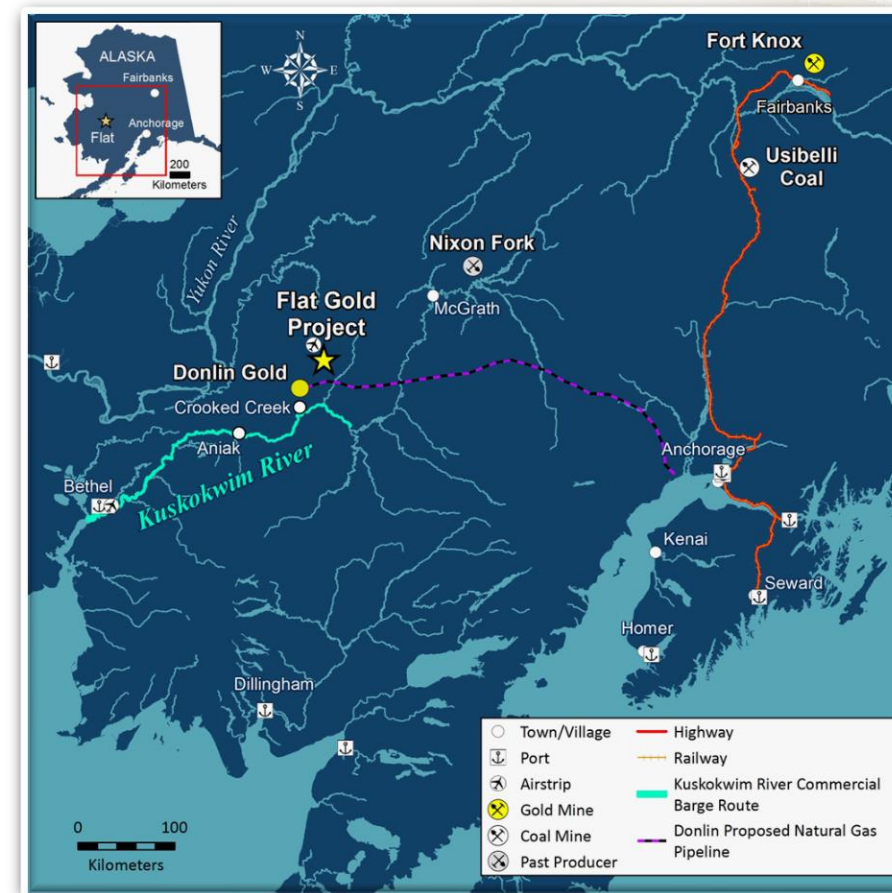
- Grades up to 104 g/t Au in drilling
- 8km long gold-in-soil trend
- 5 drilled mineralized zones open along strike at depth.



# FLAT GOLD PROJECT

## THE OPPORTUNITY

- **District-scale multi-million-ounce gold potential**
  - 92,160 acres of Native-Owned Land (Doyon, Ltd.);
  - Full-scale Tectonic-Doyon Exploration, ESG and Production Lease Agreement
- **40km north and in the same mineral belt (Kuskokwim) as the giant Donlin Gold deposit (Barrick and Novagold)**
  - One of the largest and highest grade undeveloped open pit gold resources
  - Donlin 2022 budget set at \$60M\*
- **Existing and nearby local infrastructure**
  - Kuskokwim River commercial barge (6 mo. accessibility)
  - Permitted Natural Gas Pipeline
  - On-site 4,100 ft airstrip and roads to mineralized zones
- **Flat is the 4<sup>th</sup> largest placer mining district (1.4Moz Au\*) in Alaska**
- **Potential for open pit free-milling gold, incl. heap leach**





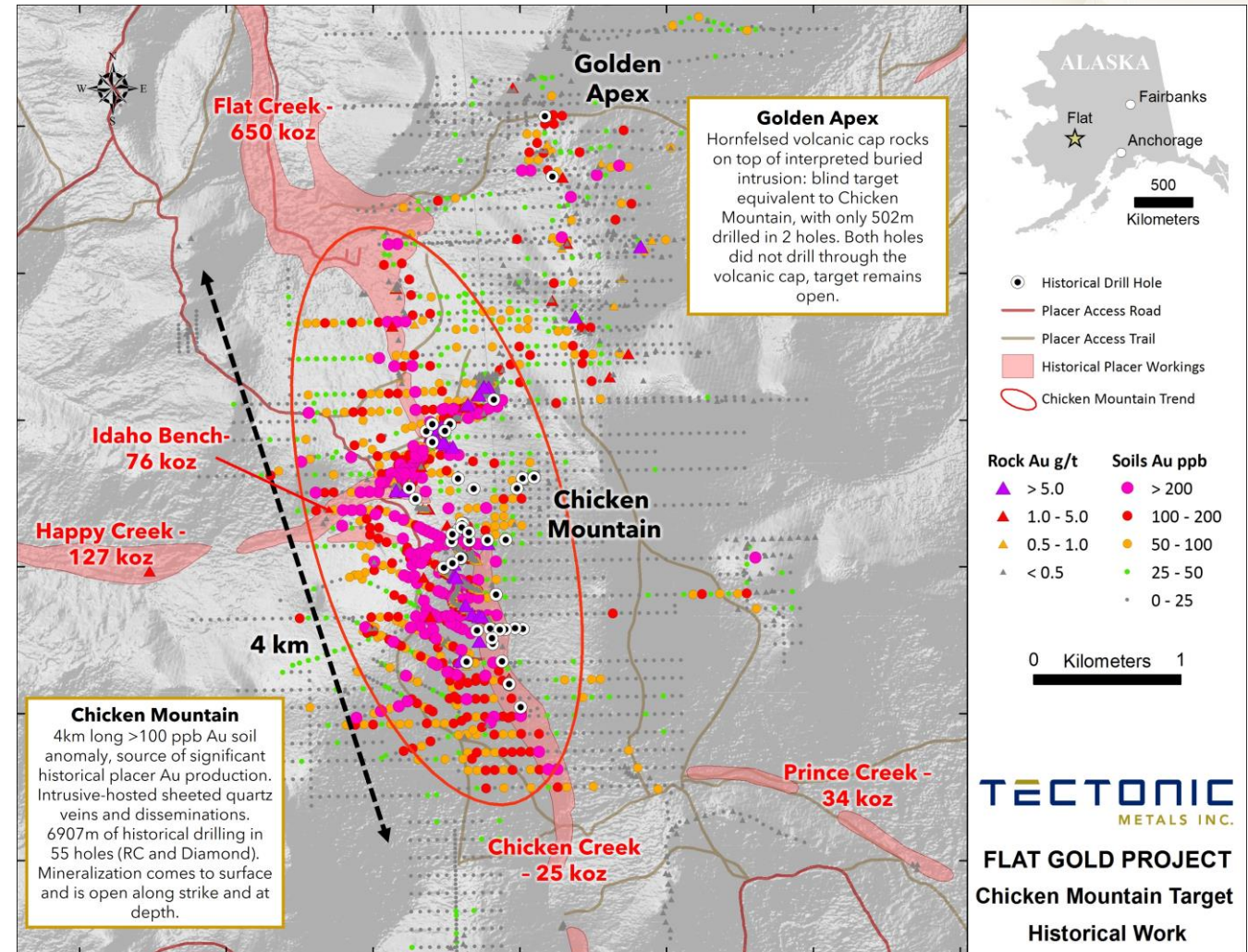
# FLAT GOLD PROJECT – CHICKEN MOUNTAIN TARGET

4KM LONG GOLD-IN-SOIL-ANOMALY; ALL DRILL HOLES INTERSECTED MINERALIZATION (OPEN)

- Historical reports state Chicken Mtn is likely source of placer gold in the district
- Robust 4km long >200 ppb gold-in-soil anomaly (open)
- 6,907m of historical (diamond + RC) drilling in 55 holes
- Little to no overburden
- Drilled mineralization begins at surface and is open along strike and at depth
- All drill holes intersected mineralization
- Average drilled depth is only 100m

## Golden Apex

- Blind target equivalent to Chicken Mountain
- Hornfelsed volcanic cap rocks on top of interpreted buried intrusion observed in geophysics
- 502m drilled in 2 holes, did not drill through cap rocks and target remains untested

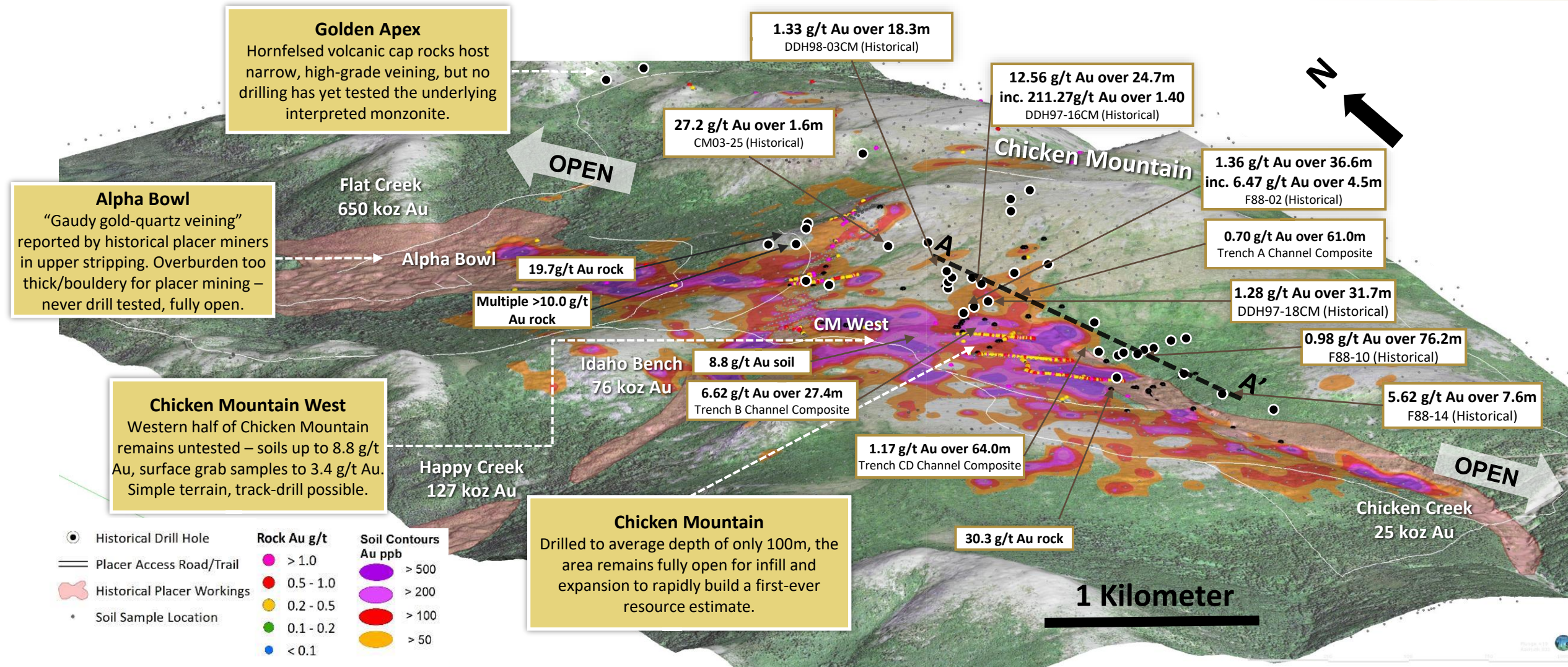


\* Placer production figures from "Mineral Occurrence and Development Potential Report, Locatable and Salable Minerals, Bering Sea-Western Interior Resource Management Plan, BLM-Alaska Technical Report 60", prepared by the U.S. Department of the Interior, Bureau of Land Management, November 2010"



# EXPLORATION UPSIDE – CHICKEN MOUNTAIN TARGET

ALL DRILL HOLES INTERSECTED GOLD MINERALIZATION; 4KM LONG GOLD-IN-SOIL-ANOMALY OPEN



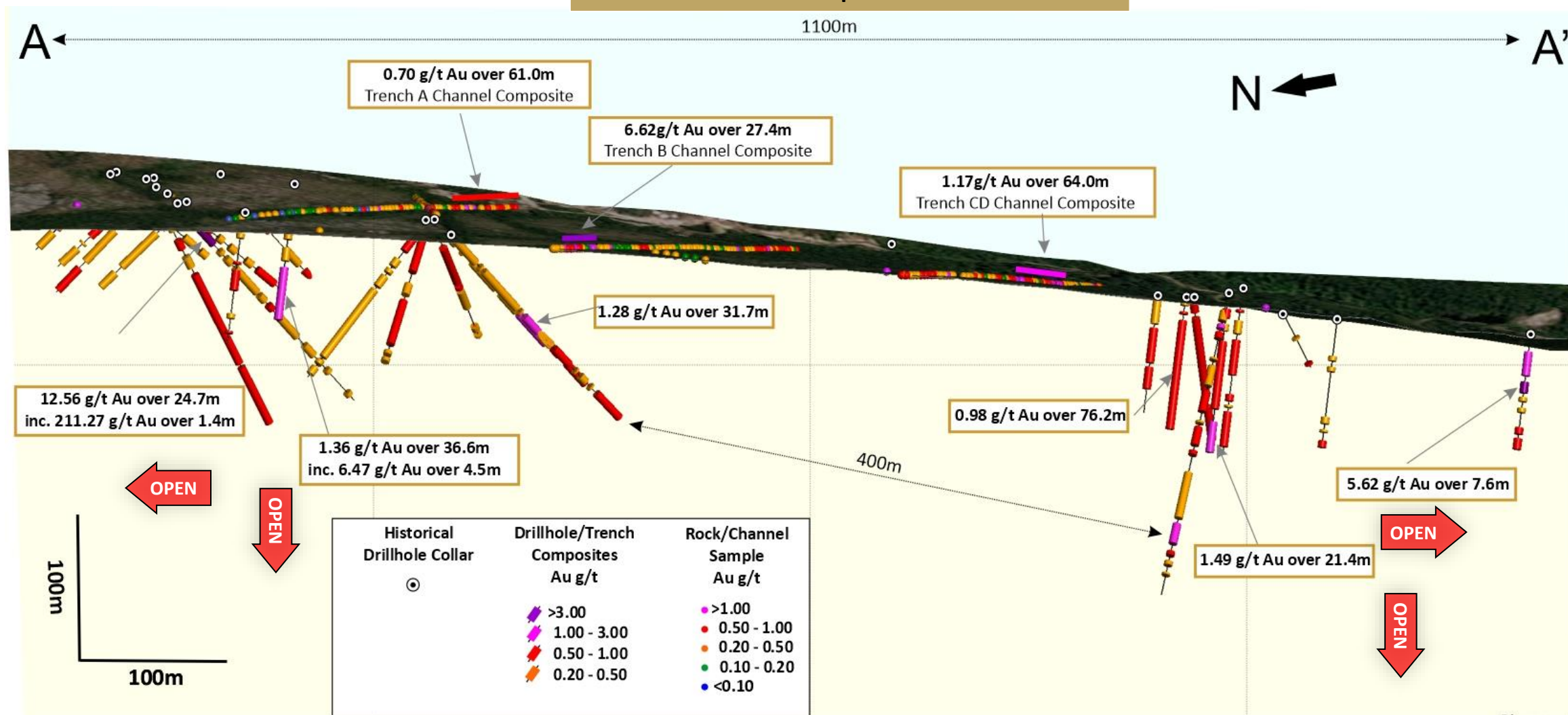
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# EXPLORATION UPSIDE – CHICKEN MOUNTAIN TARGET

## RAPID PATH TO FIRST RESOURCE ESTIMATE

- 1,100m of strike; open along strike and at depth
- Average drill depth = 100m
- Untested channel samples in trenches



- Up to 80% gold recovery at Chicken Mountain
  - Historical metallurgical work (1990) is limited to one test at two different grind sizes

*“Finer grinding would achieve higher extractions. The ore is not refractory to cyanide leaching.” – 1990 metallurgical report by Bacon Donaldson & Associates Ltd., for Fairbanks Gold Ltd.*

- Strong oxidized profile (up to 200m vertical depth) is noted in historic reports, yet no comprehensive work and testing done
- Significant placer mining around the main prospect area points to an easily-liberated gold source

Test No.	Grind	Gold Extraction	
		Time (hours)	% Extraction
C1	63% - 200 mesh	7	80.1
		24	81.2
		48	82.0
C2	80% - 6 mesh	7	43.8
		24	54.5
		48	56.2
		72	54.4

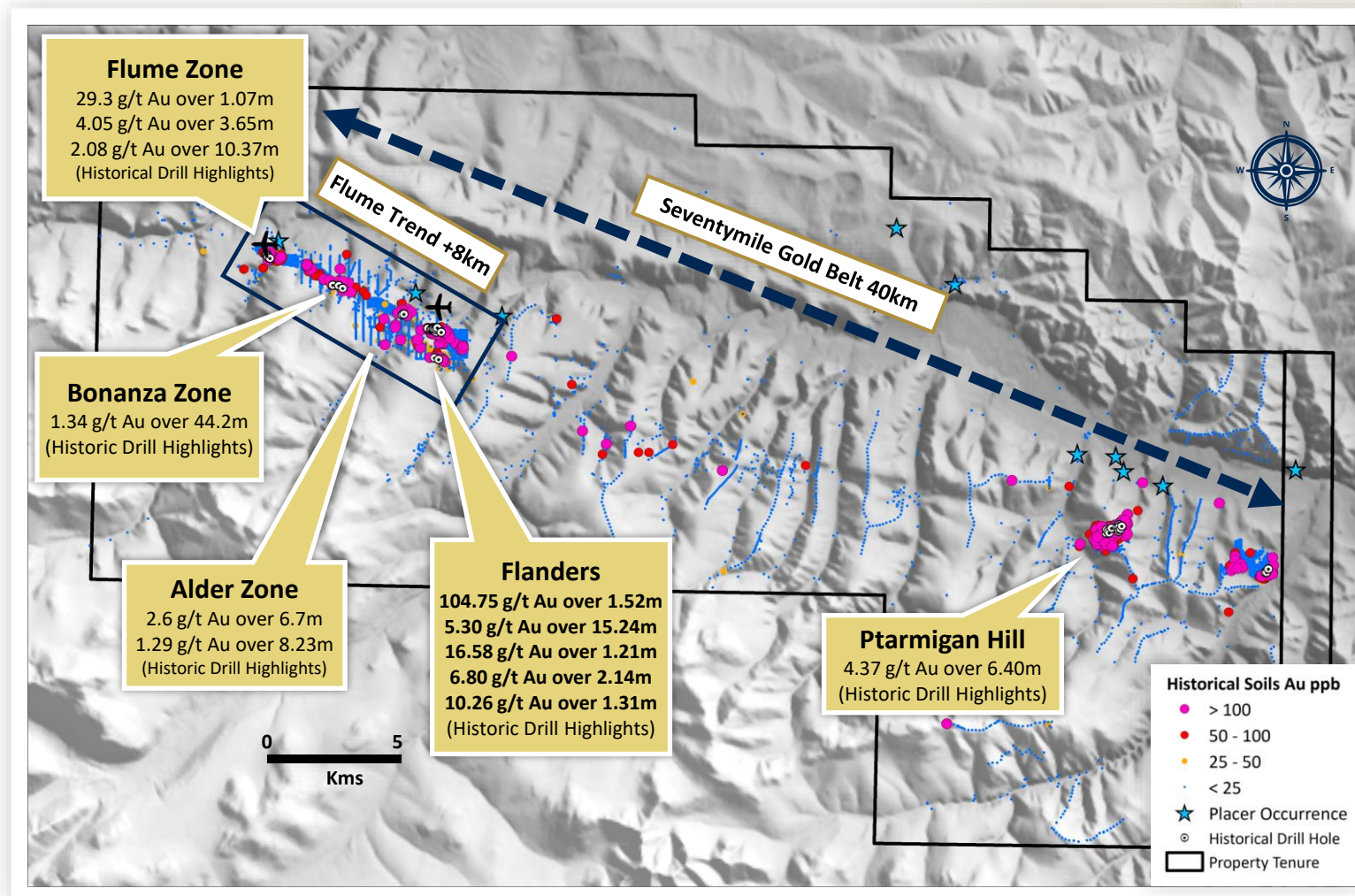
Results from 1990 bottle roll test work at Chicken Mountain: two samples from a 9.14m (30') composite at 0.041 opt Au.



# SEVENTYMILE GOLD PROJECT – 40KM LONG GREENSTONE GOLD BELT

## THE OPPORTUNITY: UNDEREXPLORED GREENSTONE BELT IN TIER 1 JURISDICTION

- **Project de-risked:** Formal production agreement with top-tier Alaska Native Regional Corporation (Doyon, Ltd.)
- Greenstone Orogenic gold deposits account for ~75% of gold extracted globally\*
  - Examples include the Abitibi, Kalgoorlie, Red Lake, Hope Bay, and Las Cristinas
- Tectonic first company in 20 years to explore 40km Seventymile Project
- All drilled mineralized zones open for expansion
- Targets exhibit kilometre-scale strike potential
- High-grade gold up to 104 g/t Au drilled



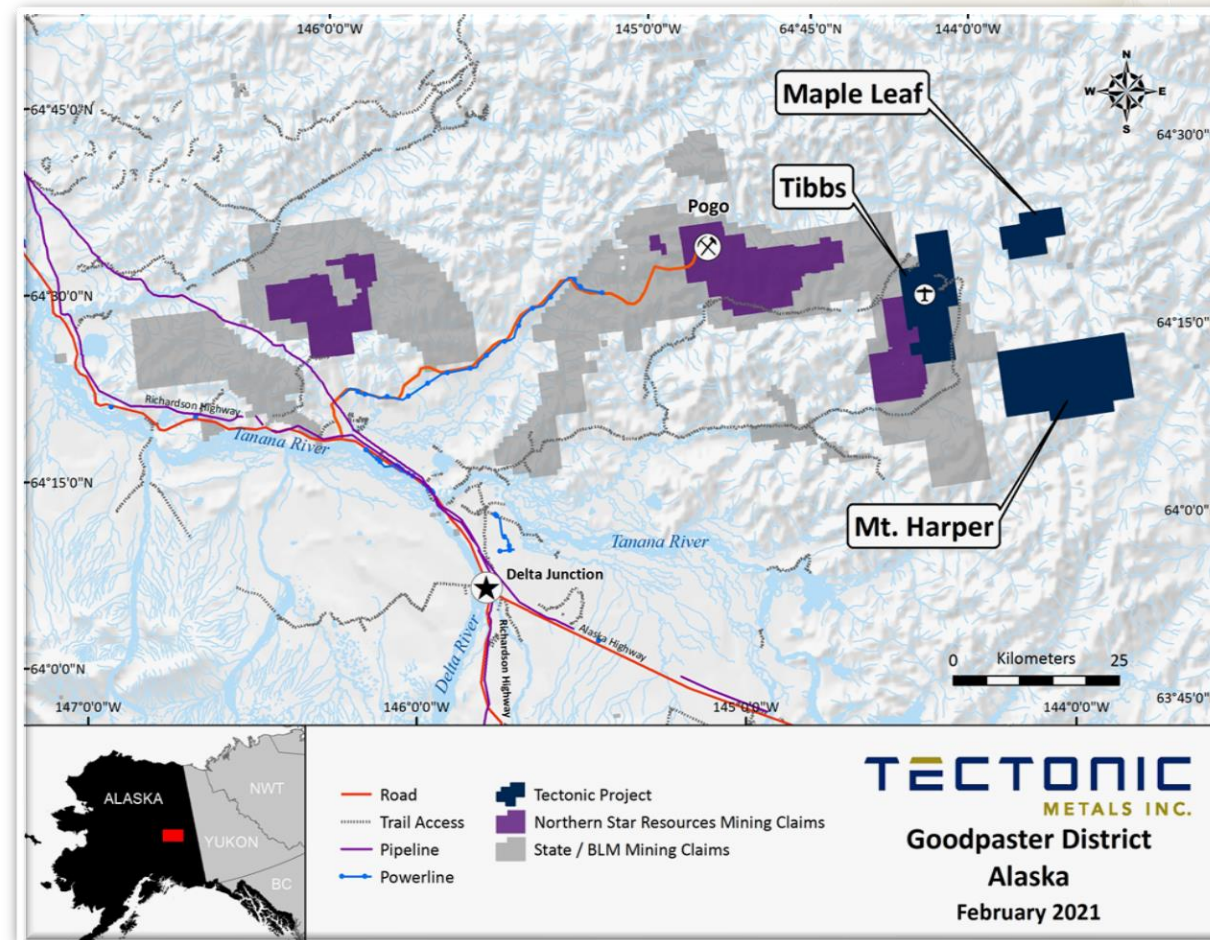
\*Damien Gaboury (2019) Parameters for the formation of orogenic gold deposits, *Applied Earth Science*, 128:3, 124-133, DOI: [10.1080/25726838.2019.1583310](https://doi.org/10.1080/25726838.2019.1583310)

# GOODPASTER MINING DISTRICT – TIBBS GOLD PROJECT

“THE BEST PLACE TO FIND A MINE IS IN THE SHADOW OF A MINE”

TECTONIC  
METALS INC.

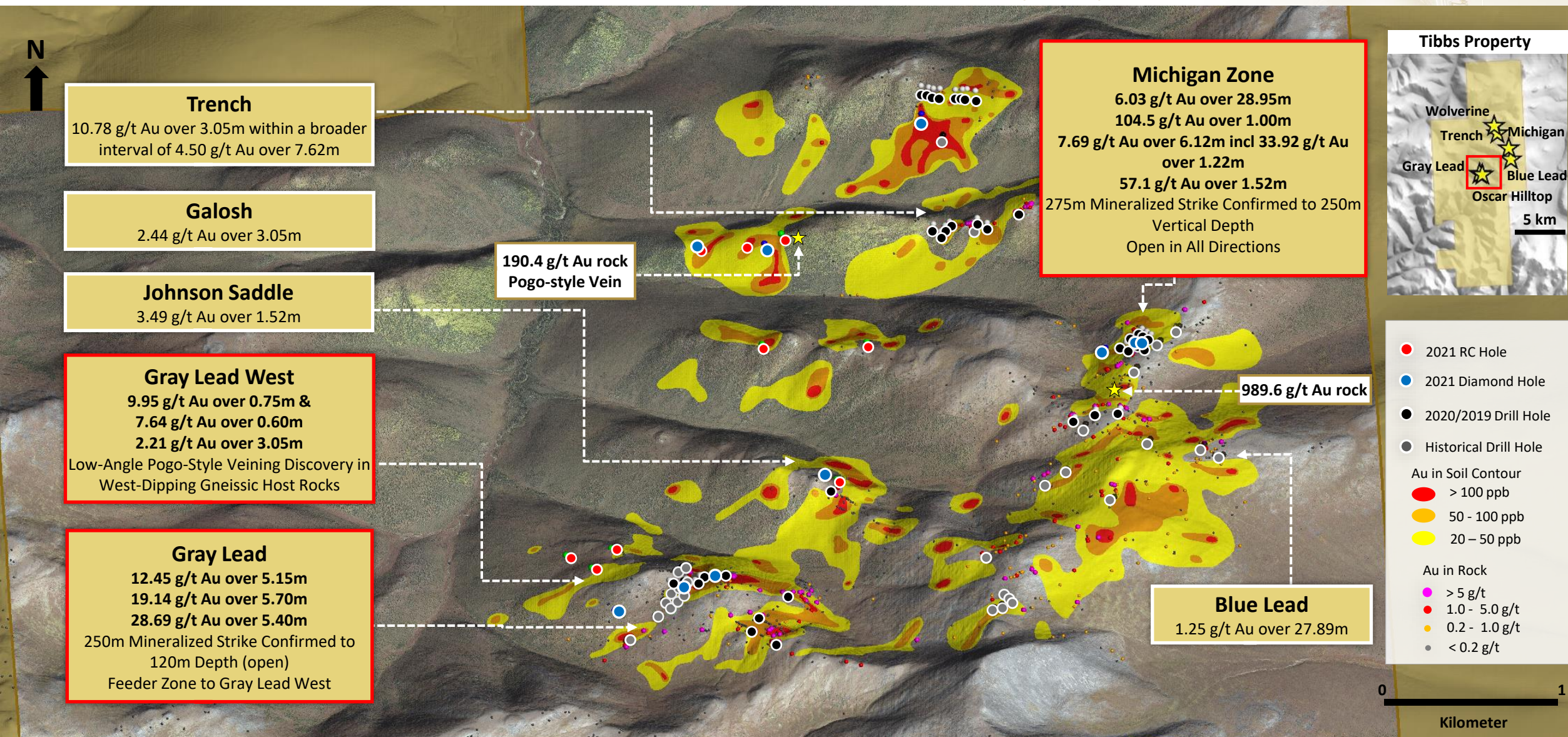
- District is anchored by the world-class Pogo Gold Mine, owned and operated by Northern Star Resources Ltd.
- Tibbs is a Pogo analogue
  - Initially discovered by the same group that discovered the Pogo mine
  - Tectonic has now confirmed all elements of the **Pogo Exploration Model** via drilling
- District-scale opportunity with multiple new high-grade gold discoveries and existing zones open for expansion
- Located 35kms from the Pogo Gold Mine
- Robust infrastructure, power, and active mill nearby





# TIBBS GOLD PROJECT – WHERE THERE IS SMOKE, THERE IS FIRE

## MULTIPLE HIGH-GRADE GOLD ZONES CARRYING POGO-STYLE MINERALIZATION (OPEN)





# CAPITAL STRUCTURE

AS OF JULY 2022

<b>Shares Outstanding</b>	201,046,740
<b>Fully Diluted</b>	264,009,251
<b>Estimated Cash</b>	C\$2,400,000
<b>Debt</b>	None
<b>Strong Supportive Shareholders</b>	<div> <b>64%</b> <ul style="list-style-type: none"> <li><b>14.0% Tectonic Team</b></li> <li>14.0% Doyon, Ltd. <i>(17.6% partially diluted)</i></li> <li>19.9% Crescat Capital <i>(24.6% partially diluted)</i></li> <li>16.0% Other Resource Funds (Gold 2000, RCF, Mackenzie, etc.)</li> </ul> </div>
<b>Most Recent Financings</b>	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>	4,400,000 @ \$0.14 weighted average price



# SHORT-TERM VALUE CATALYSTS

DRILL PROGRAMS, PROJECT DE-RISKING & BOLSTERING THE TARGET PIPELINE



- **Flat:** Metallurgical de-risking to further demonstrate free-milling gold potential at Flat (*Results pending*)
  - Comprehensive “boots-on-the-ground”: ground-truthing, soil sampling and trenching (September 2022 - First in +20 years)
- **Seventymile:** Drill program completed targeting high-grade gold (*Assays pending*)

The background of the slide features a dark blue world map with white grid lines. The company name is prominently displayed in the center.

# TECTONIC

## METALS INC.

**TECT: TSX-V**

**TETOF: OTCQB**

**T15B: FSE**

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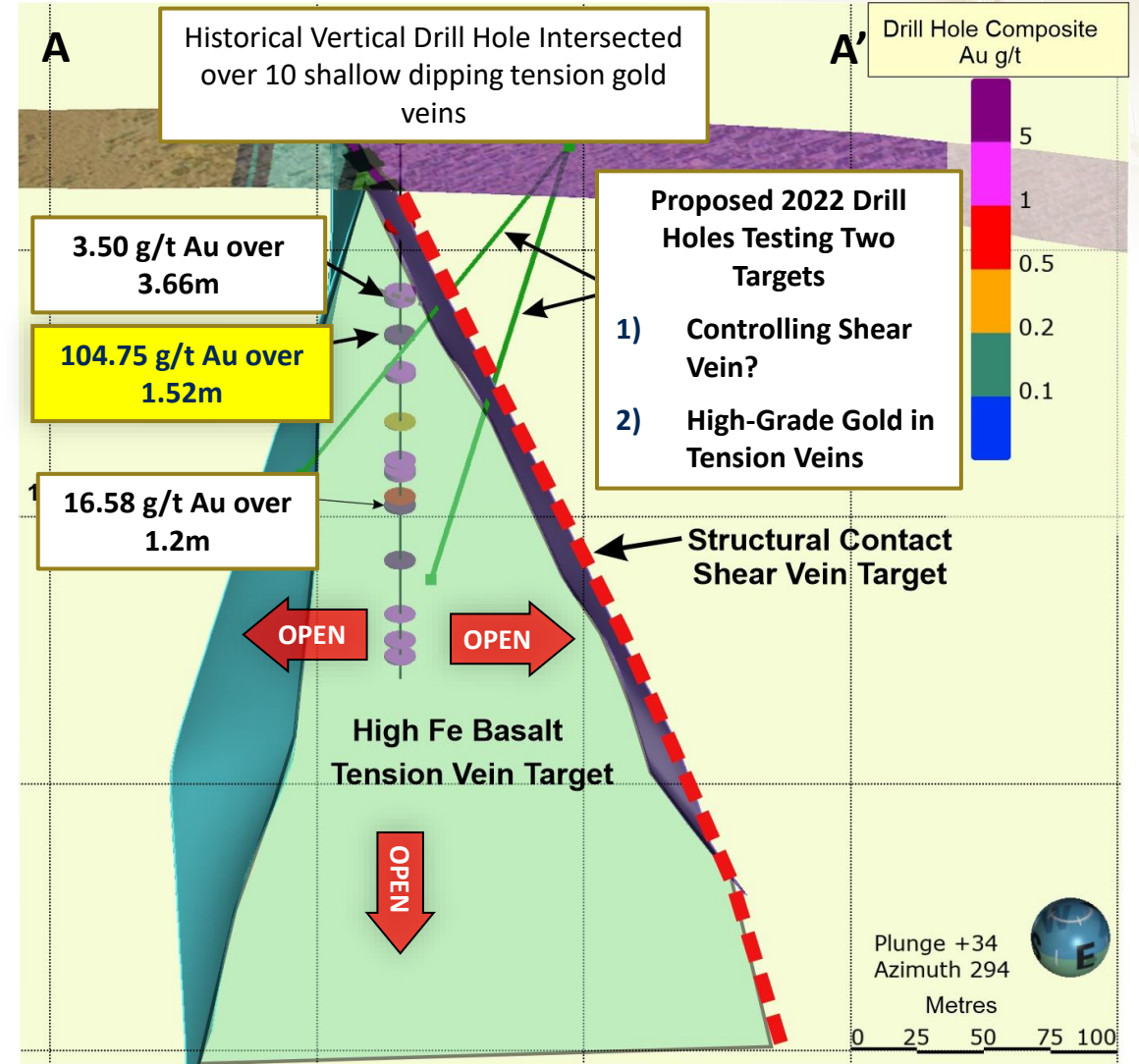
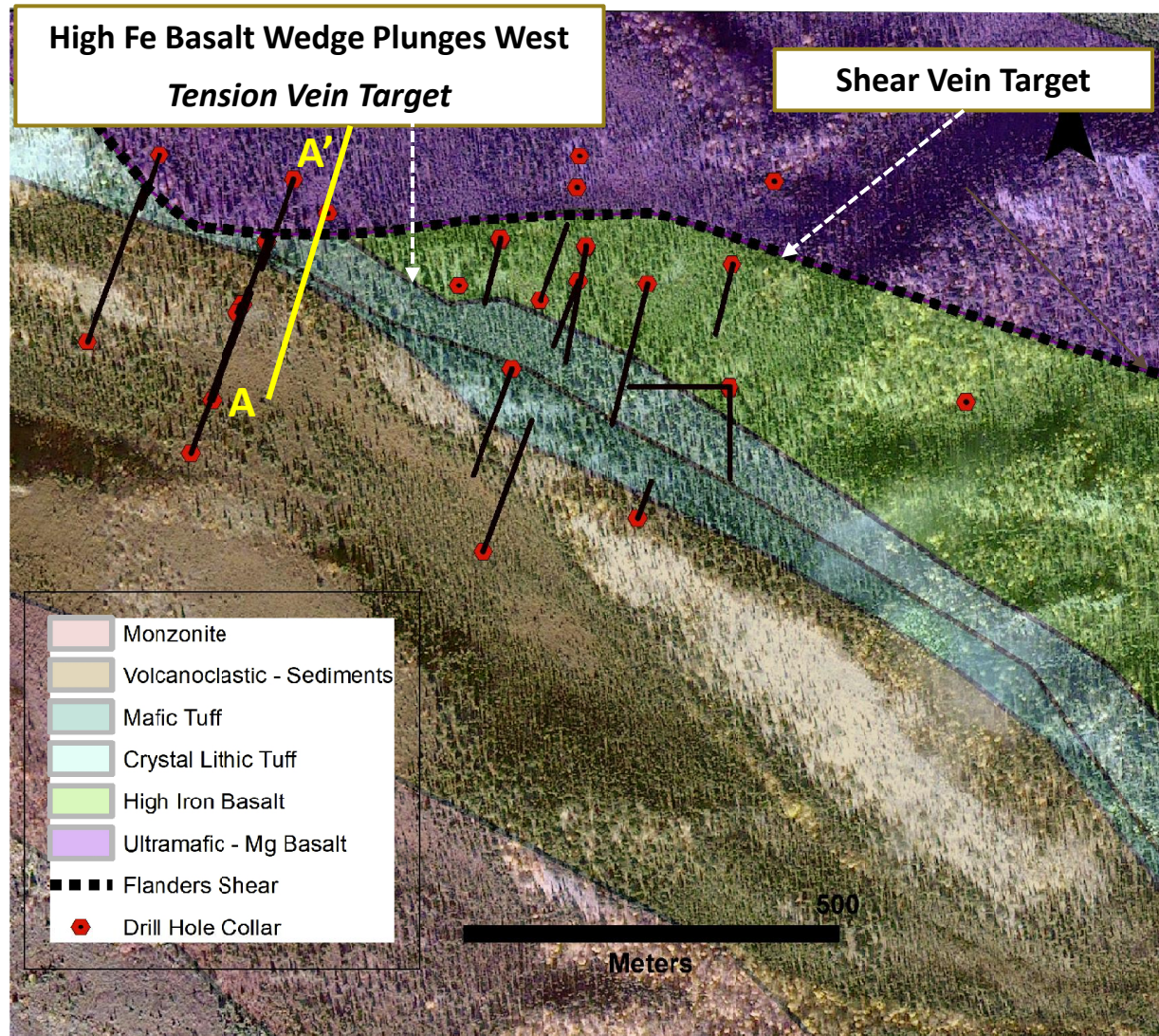
**Toll-free**

1.888.685.8558



# SEVENTYMILE GOLD PROJECT – 2022 DRILL TARGETS

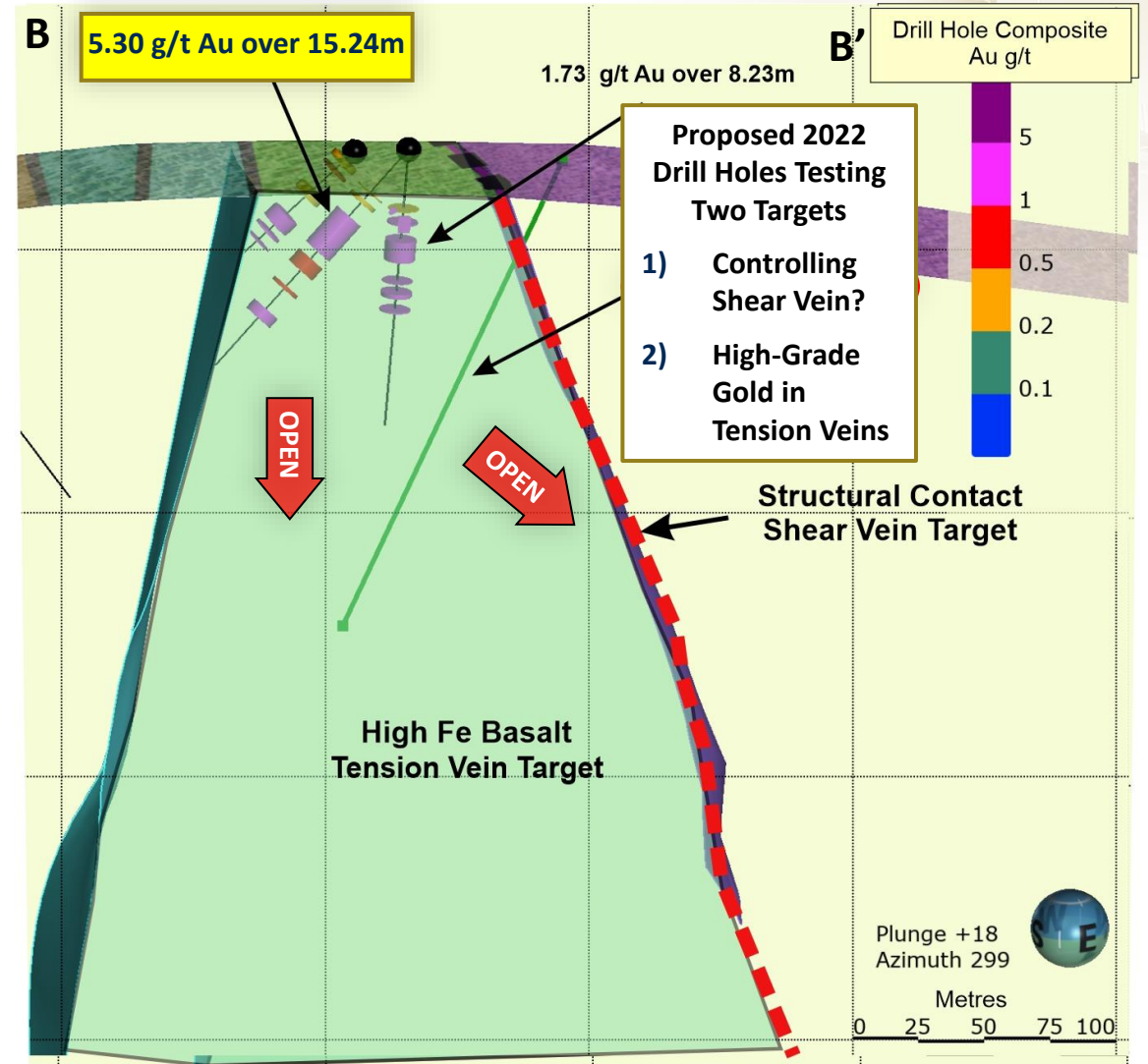
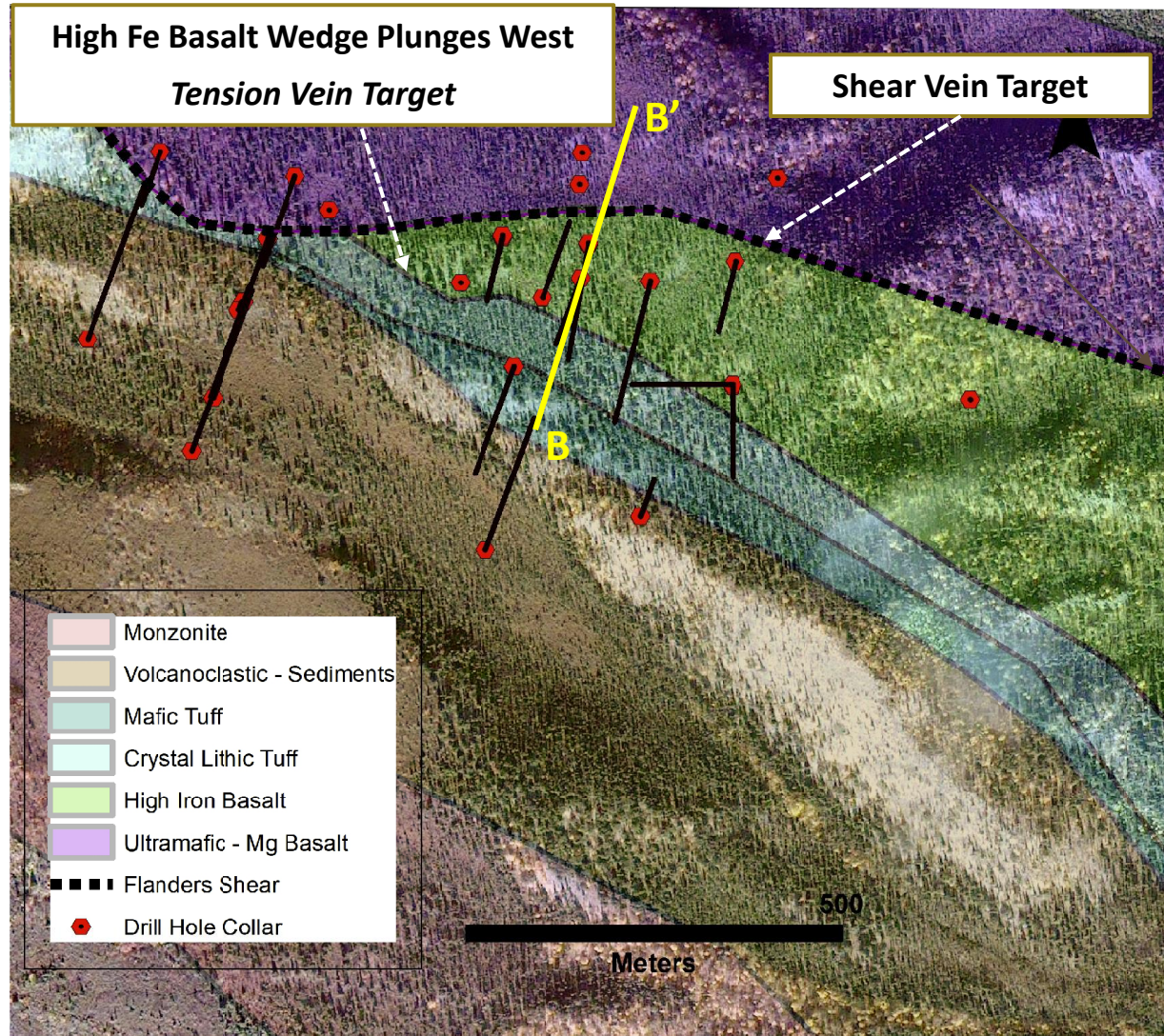
## FLANDERS TARGET: OPTIMIZED DRILL HOLES TESTING TWO TARGETS





# SEVENTYMILE GOLD PROJECT – 2022 DRILL TARGETS

## FLANDERS TARGET: OPTIMIZED DRILL HOLES TESTING TWO TARGETS





# TIBBS MICHIGAN ZONE

>10 G/T AU CUT-OFF ASSAYS HIGHLIGHTING NEWLY INTERPRETED HIGH-GRADE CONTROLLING STRUCTURE

## High-Priority Drill Targets

Highlighted here is just one high-grade (+10 g/t Au) controlling structure recently identified at Tibbs

Geological data suggests there are more high-grade structures at +1km long Michigan corridor and at the Trench and Blue Lead targets

Future drilling will determine potential strike, depth and width of this particular structure shown here and test for more high-grade structures

10 drill intercepts line up within newly interpreted steep structure which appears to control high-grade mineralization at Michigan

57.02 g/t Au over 1.53m

35.20 g/t Au over 1.52m

104 g/t Au over 1.0m

19.3 g/t Au over 3.05m

33.92 g/t Au over 1.22m

Plunge +06  
Azimuth 293

0 50 100 150

# TIBBS MICHIGAN ZONE

NEWLY INTERPRETED HIGH-GRADE CONTROLLING STRUCTURE; >0.50 G/T AU CUT OFF COMPOSITES

