



THE FLAT GOLD PROJECT

ALASKA'S NEXT TIER 1 OPPORTUNITY

TECTONIC
METALS INC.

INVESTOR PRESENTATION

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

NOVEMBER 2023

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.

EXTENSIVE TRACK RECORD OF SUCCESS

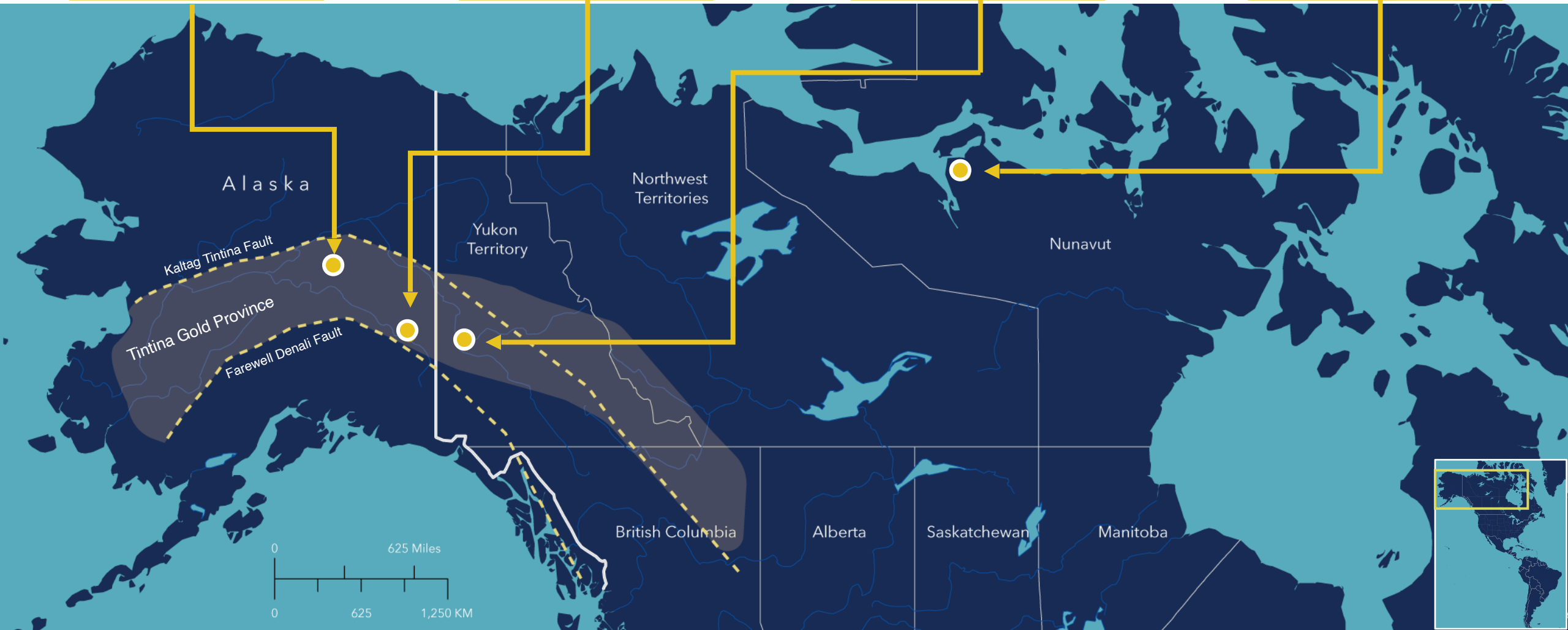
MORE THAN 35 MILLION OZ IN GOLD DISCOVERIES INVOLVING THE TECTONIC TEAM

Dolphin

Manh Choh

Coffee

Hope Bay



A PROVEN, DIVERSE, AND FULLY INVESTED TEAM

INSIDE OWNERS REPRESENT THE THIRD LARGEST OWNERSHIP BLOCK

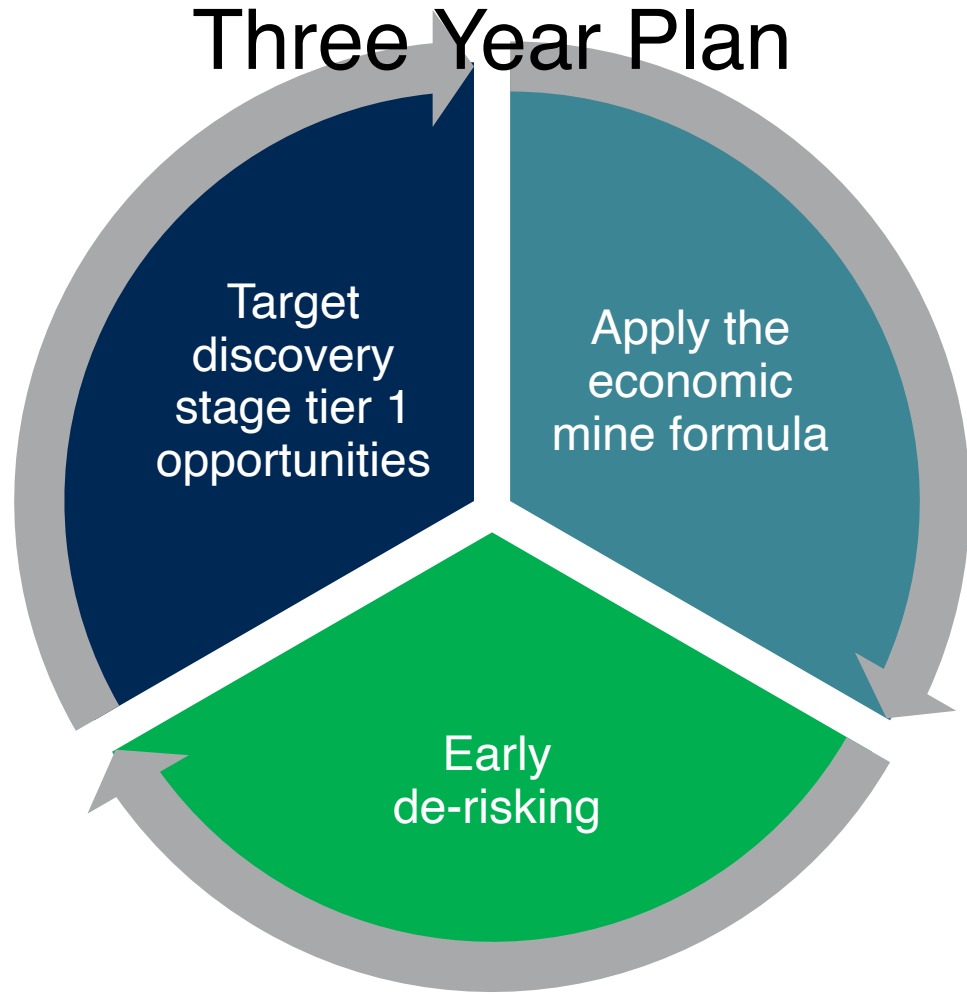
Areas of Strength

| | Name | 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, Longest serving director of Suncor Energy, CEO of Lucara Diamond |
| | Curtis J. Freeman | Founder & Director | | ● | ● | ● | ● | 40+ years of geological experience; Manh Choh gold discovery, recognized as a leading explorationist in Alaska and Yukon |
| | 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 | VP Exploration | ● | ● | | ● | | 30+ years of geological and management experience in mineral exploration globally; Hope Bay Gold discovery sold for \$1.5 billion; M.Sc., P.Geo. |

THE TECTONIC BUSINESS MODEL

EXERCISE DISCIPLINE – LINEAR THREE-YEAR EXPLORATION PLAN – EXECUTION

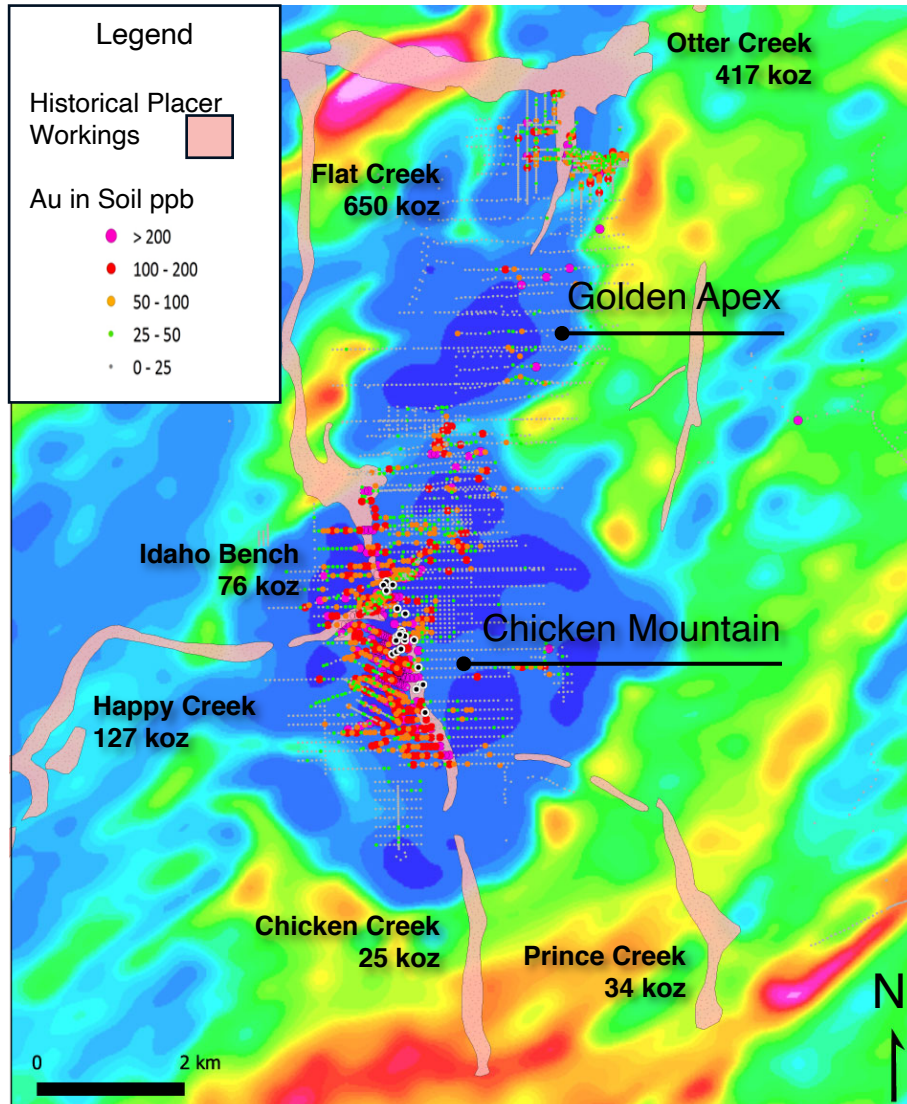
- Tier 1 Opportunities**
- ▶ Minimum 5 million oz AU potential
 - ▶ Lowest quartile operating costs
 - ▶ Secure land tenure
 - ▶ Stable jurisdictions



| 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 | |

FLAT PROJECT - BIG DEPOSITS LEAVE BIG FOOTPRINTS

PART OF 20 KM “STRING-OF-PEARLS” GEOPHYSICAL ANOMALY



1.4 million oz¹

- ▶ Fourth 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

- ▶ Unglaciaded terrain
- ▶ Only 20% drill tested and open

55 historic drill holes

- ▶ All hitting gold mineralization
- ▶ 25 of 55 drill holes ending in mineralization

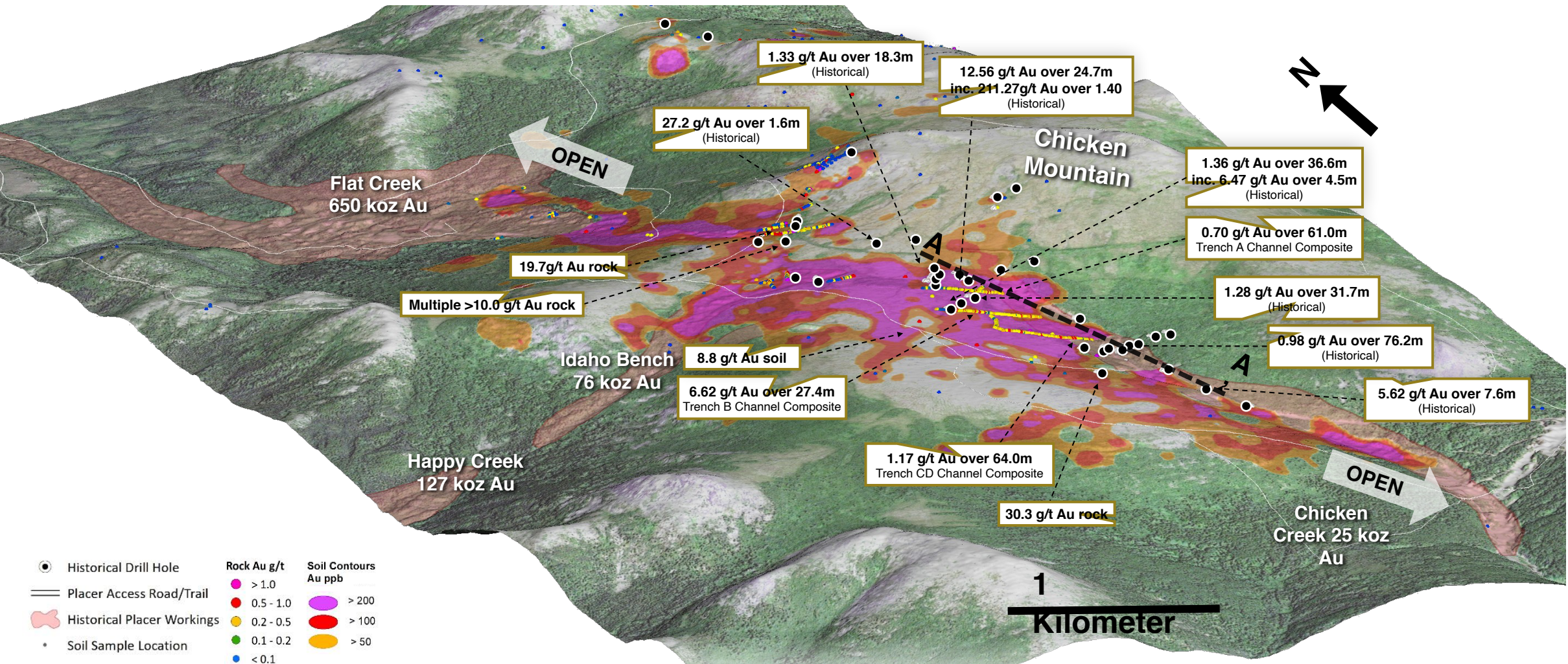
96% gold recovery (average)

- ▶ 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

CHICKEN MTN TARGET: ALL 55 DRILL HOLES INTERSECTED MINERALIZATION

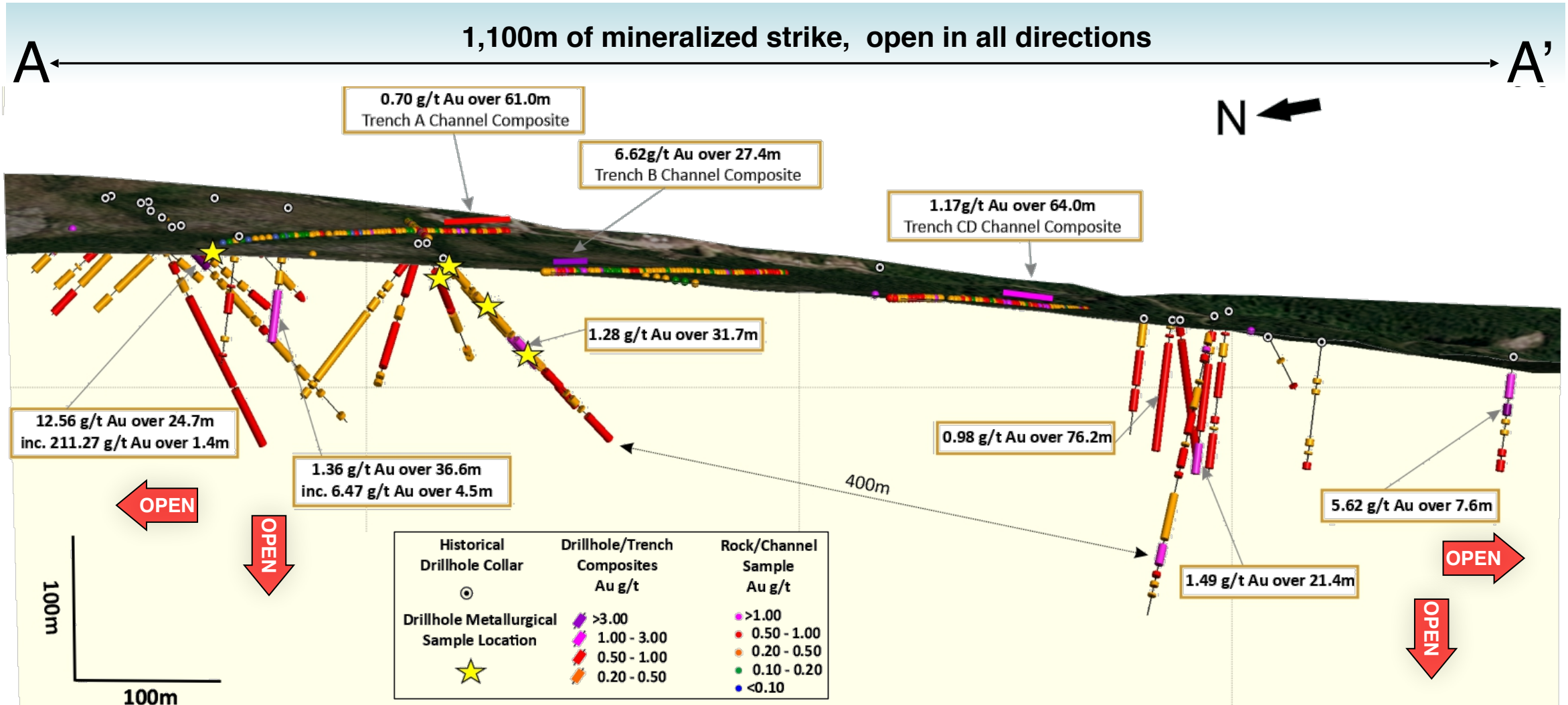
DRILLED TO AVERAGE DEPTH OF ONLY 100M - OPEN ALONG STRIKE AND AT DEPTH



*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 HISTORIC TRENCH AND DRILL RESULTS

OPEN-PIT OPPORTUNITY, AVG DRILL DEPTH 100M, DRILL HOLES ENDING IN MINERALIZATION, MULTIPLE MINERALIZED TRENCHES



Geology

Engineering

ESG

Infrastructure



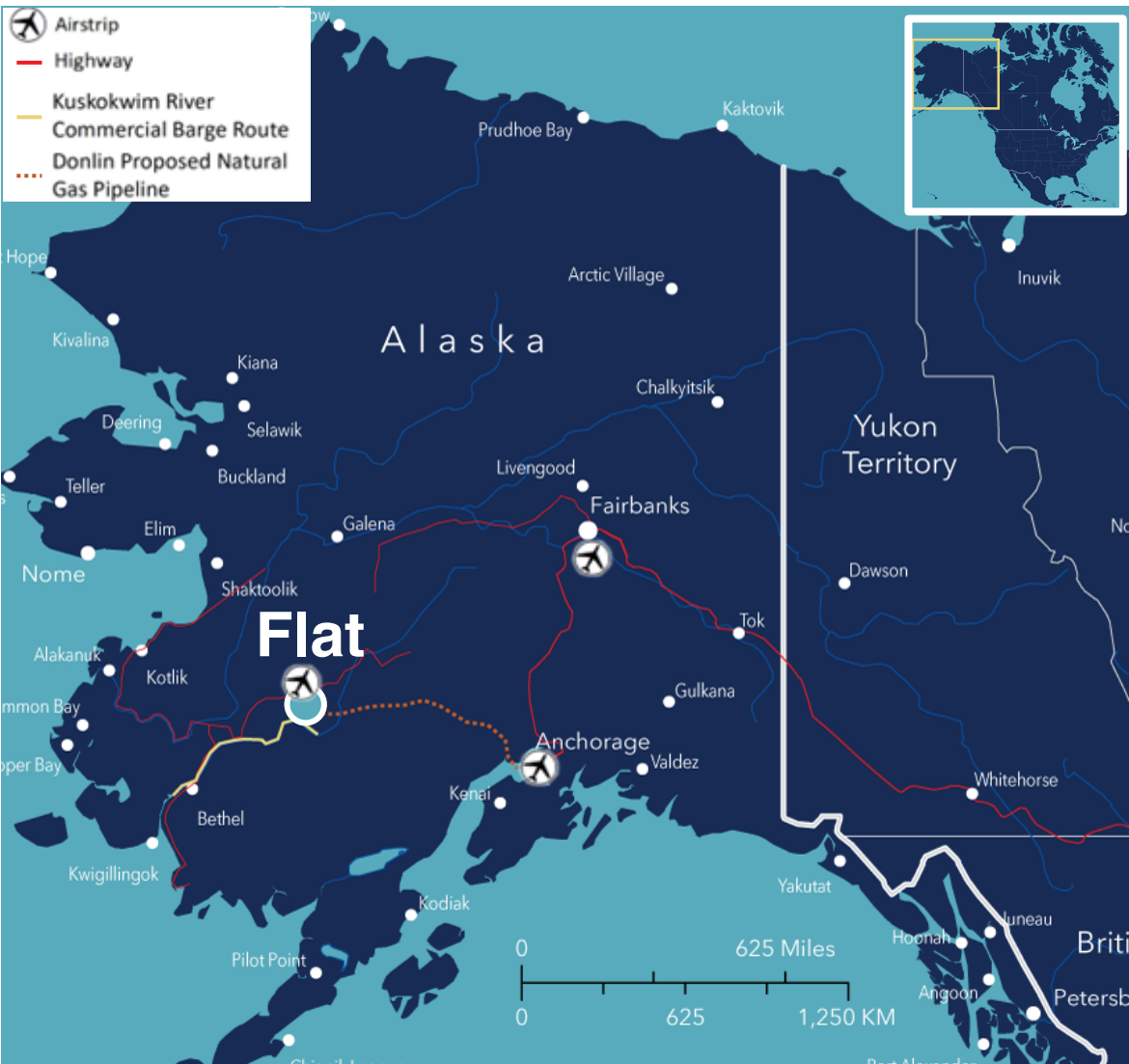
TECTONIC
METALS INC.

2023 DRILL PROGRAM

UNLOCKING THE TIER-ONE POTENTIAL OF THE
FLAT GOLD 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

Geology

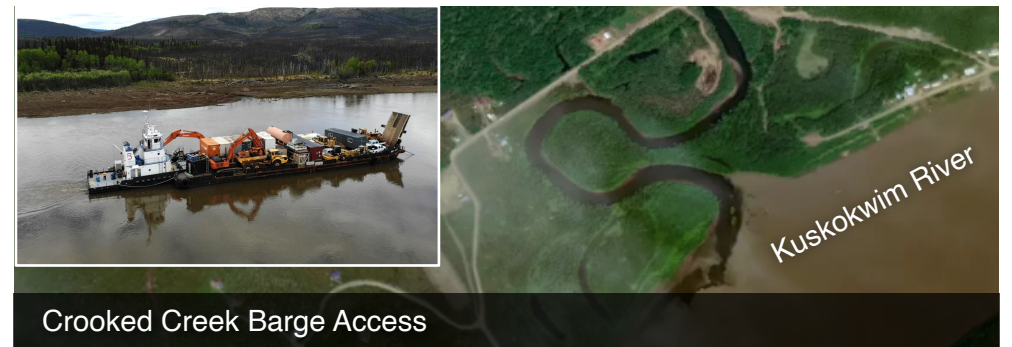
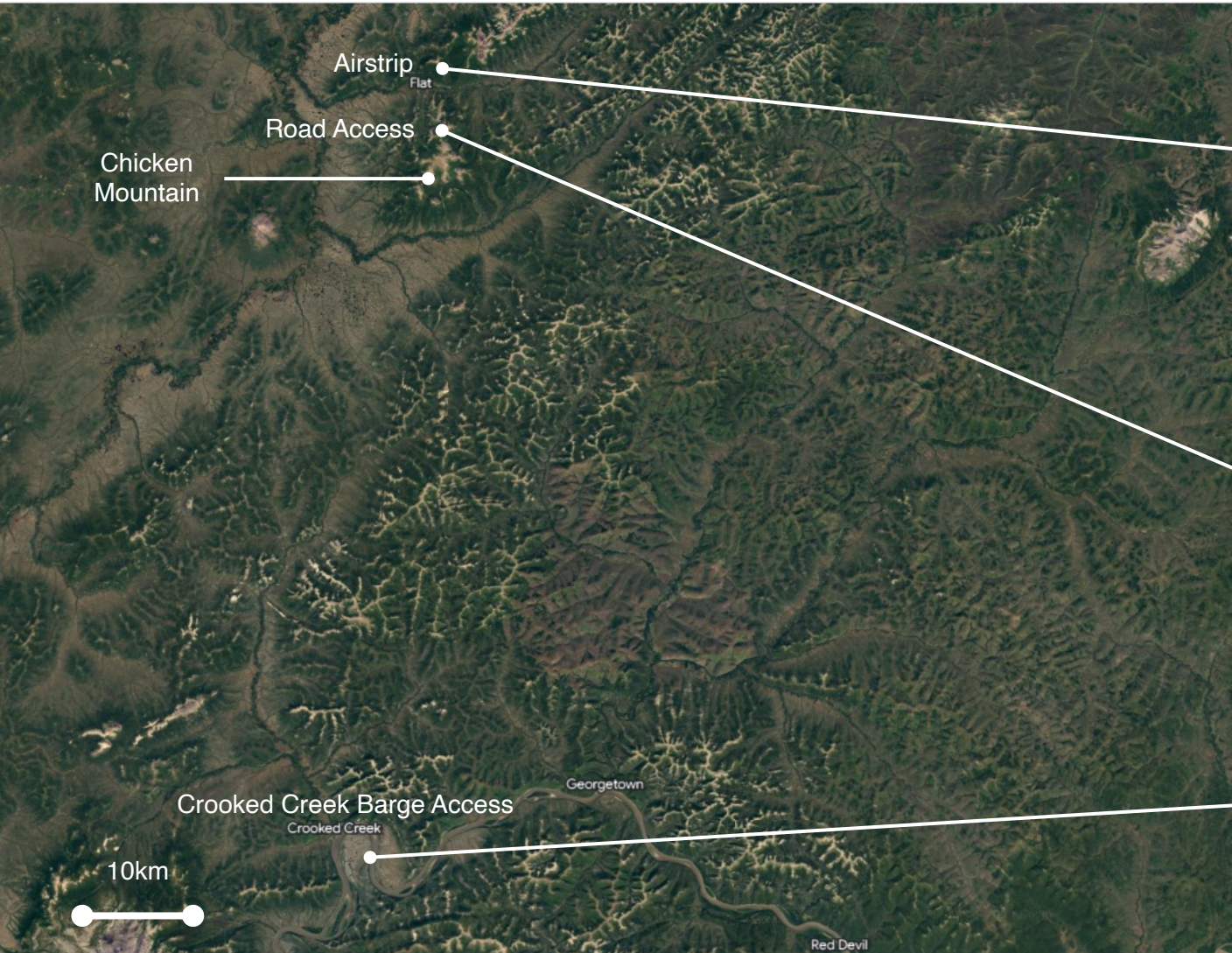
Engineering

ESG

Infrastructure

FLAT ONSITE AND NEARBY INFRASTRUCTURE

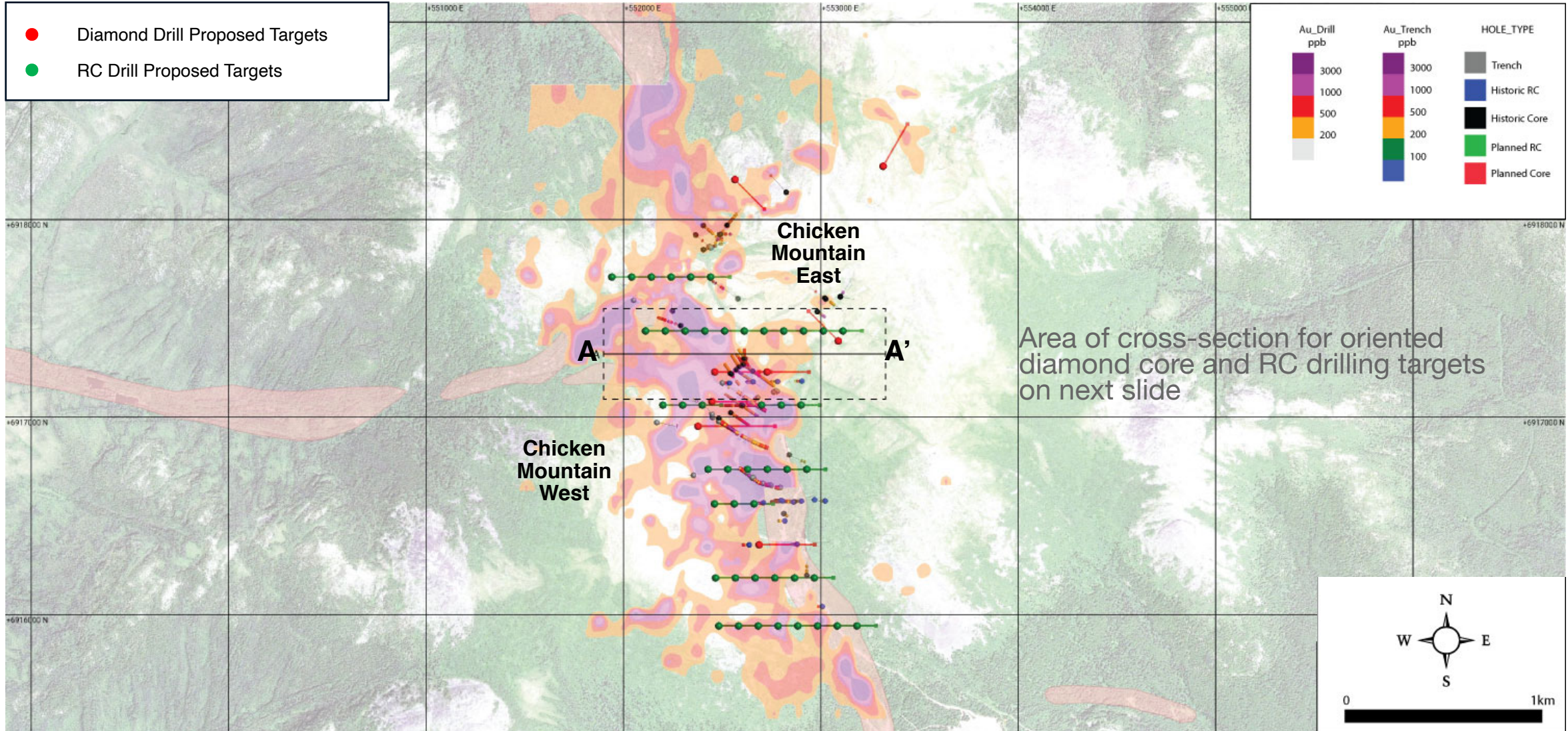
ROADS TO MINERALIZED ZONES, ONSITE HERCULES AIRSTRIP, COMMERCIAL BARGE ACCESS



Geology
Engineering
ESG
Infrastructure

PROVING THE SCALE OF CHICKEN MOUNTAIN WEST

DIAMOND DRILLING DOWN TO 400 M, RC DRILL FENCES UP TO 1.1KM ACROSS



Geology

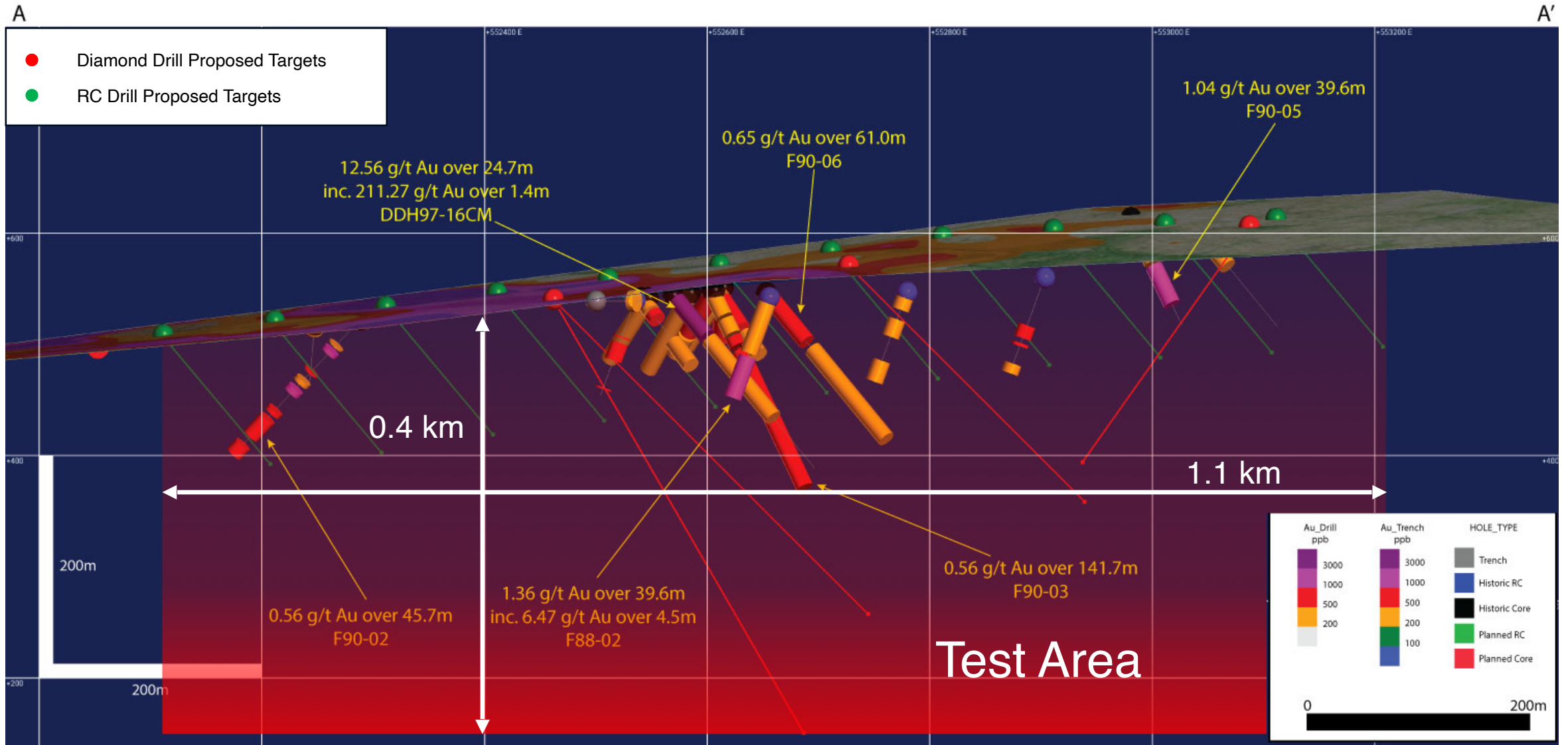
Engineering

ESG

Infrastructure

PROVING THE SCALE OF CHICKEN MOUNTAIN WEST

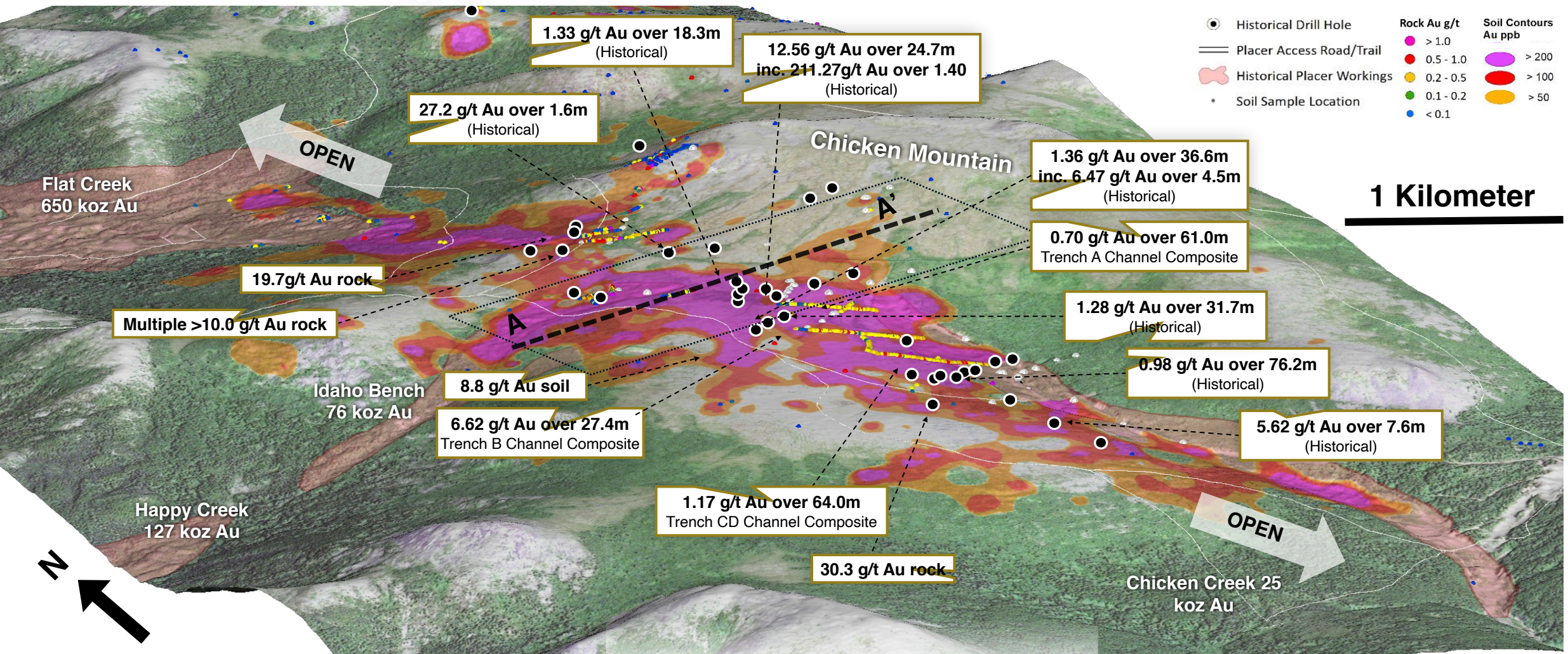
EXTENDING AND DEFINING THE STRUCTURAL ORIENTATION OF GOLD MINERALIZATION



Geology
Engineering
ESG
Infrastructure

2023 CHICKEN MOUNTAIN WEST PROGRAM RELATIVE TO HISTORICAL RESULTS

A – A' CROSS SECTION OF DRILL PROGRAM SUPERIMPOSED ON EXISTING RESULTS



Geology
Engineering
ESG
Infrastructure

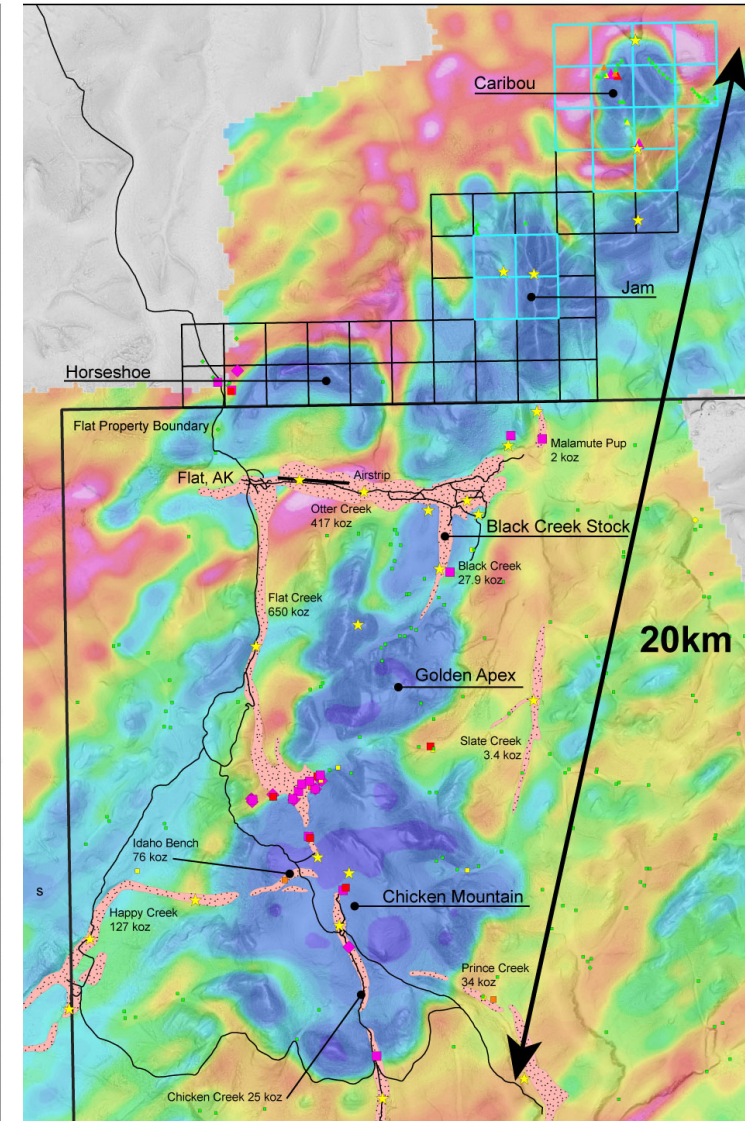
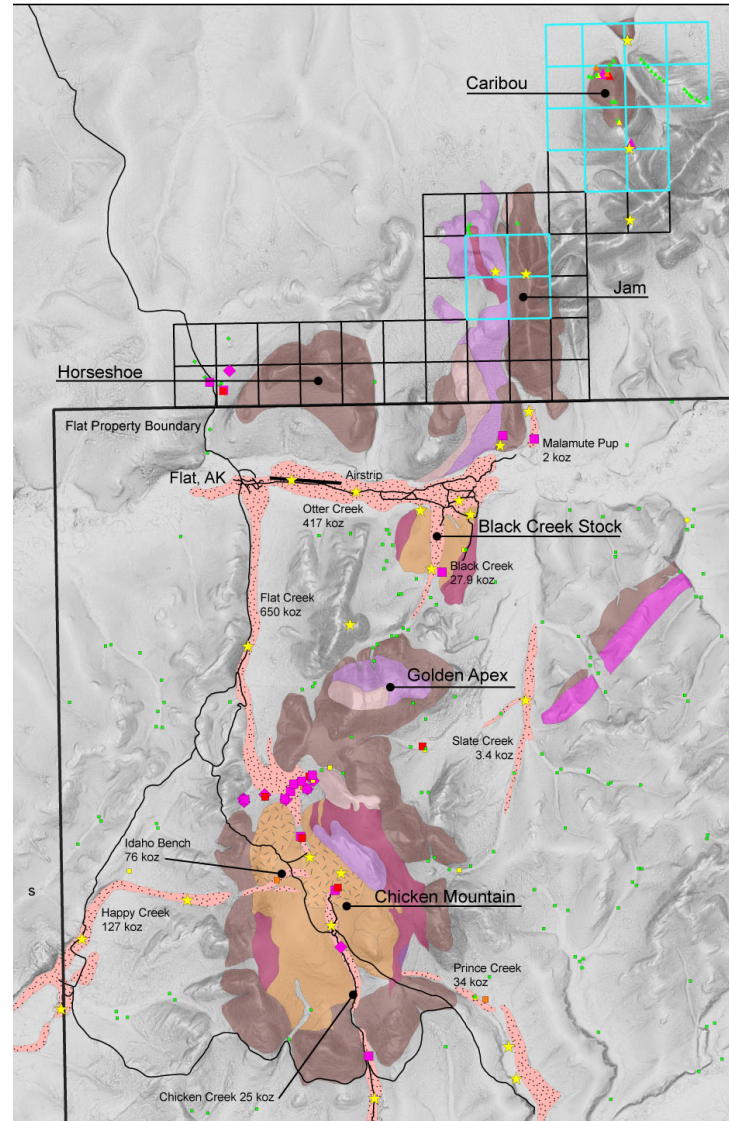
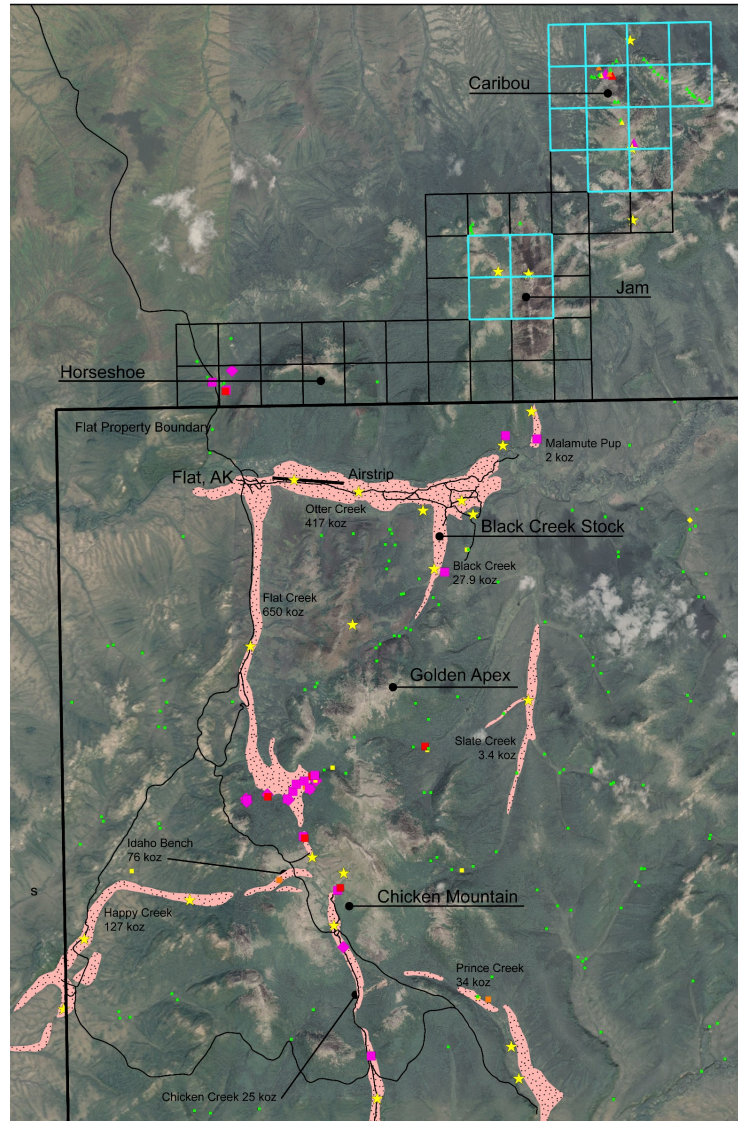
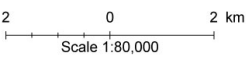
*Placer production figures from "Mineral Occurrence and Development Potential Report, Locatable and Salable Minerals, Bering Sea-Western Interior Resource Management Plan, BLM Alaska Technical Report 60", prepared by the U.S. Department of the Interior, Bureau of Land Management, November 2010"

THE FLAT GOLD SYSTEM

20KM "STRING-OF-PEARLS" GEOPHYSICAL TREND WITH SIX CONFIRMED AND POTENTIAL INTRUSIONS

- Newly Staked Claims
- Acquired Claims
- Alaska Resource Data File Prospect
- Historic placer
- Roads and trails
- Hercules Capable Airstrip
- TKhf: Hornfels
- TKqm: Quartz Monzonite
- TKm: Monzonite
- TKg: Granite
- TKgb: Gabbro
- TKum: Ultramafic
- TKvm: Mafic
- TKvi: Intermediate

- Assays**
- Stream sediment (ppb)**
- >200
 - 100-200
 - 50-100
 - 25-50
 - 0-25
- Pan concentrate (ppb)**
- >200
 - 100-200
 - 50-100
 - 25-50
 - 0-25
- Rock/Grab samples (ppb)**
- >200
 - 100-200
 - 50-100
 - 25-50
 - 0-25



TECTONIC EXECUTES IN A CHALLENGING MARKET

2023 MAJOR MILESTONES

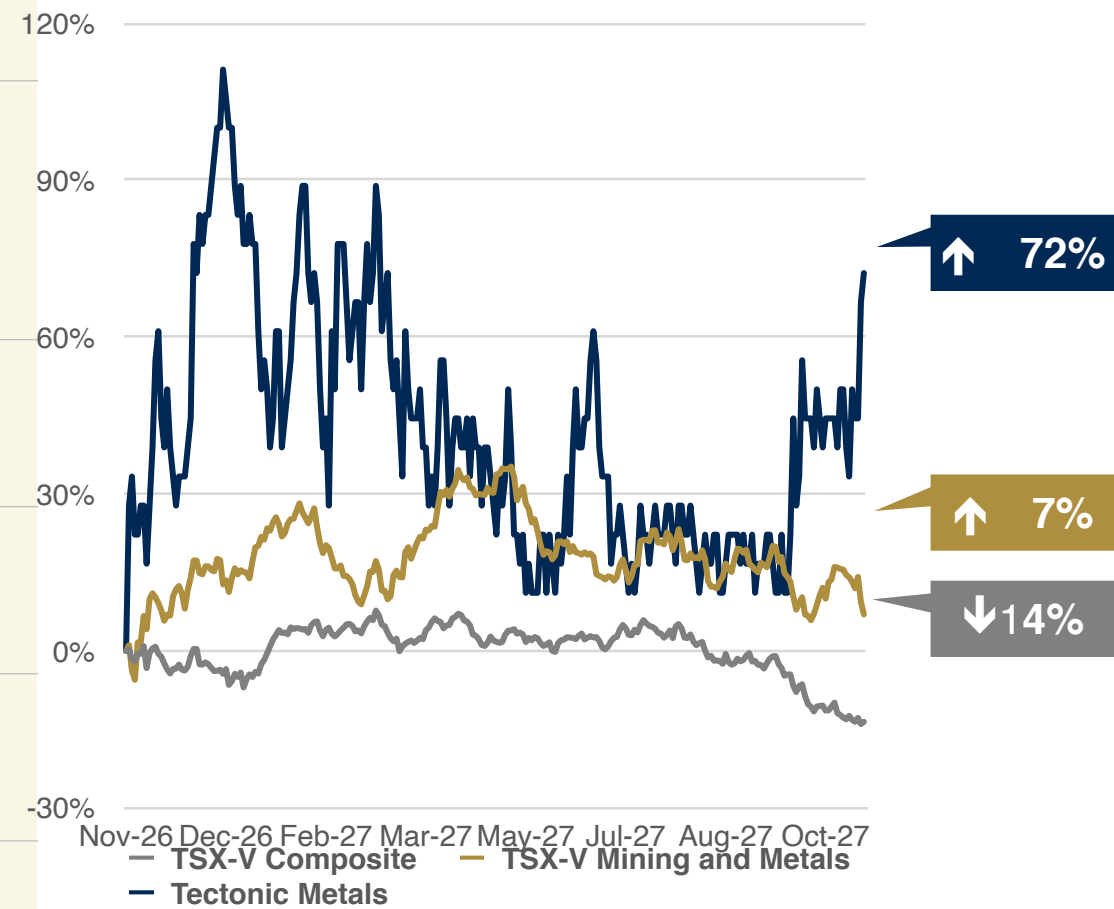


CAPITAL STRUCTURE AND PERFORMANCE

AS OF NOVEMBER 2023

| | |
|--------------------------|--|
| Shares Outstanding | 330,700,924 |
| Supportive Shareholders | <p>~47%</p> <ul style="list-style-type: none"> 9.9% Doyon Limited 22.3% Crescat Capital 15.0% Tectonic and resource funds |
| Est. Liquid Public Float | ~175,000,000 |
| Avg. Daily Volume | ~752,000 |
| Fully Diluted | 439,448,420 |
| Debt | None |

Relative Performance of Tectonic Metals
November 1, 2022 – November 1, 2023



UNLOCKING ALASKA'S NEXT TIER 1 OPPORTUNITY

2023 DRILLING AND EXPLORATION PROGRAM - THE NEXT CATALYST

A Team that Executes

- **> 35 million oz** in gold discoveries
- Disciplined economic mine formula
- Methodical approach to de-risking projects

The Flat Gold Project

- **1.4 million oz** placer gold source
- **11 km long** intrusive complex
- Metallurgy done ahead of drill program
- Production/ESG/IBA with Native Corp.

Drill Program Underway

- Demonstrate scale, grade and margin

Website

www.tectonicmetals.com

Email

info@tectonicmetals.com

Toll-free

1.888.685.8558

TECT: TSX-V

TETOF: OTCQB

T15B: FSE