

Unlocking the tier-one potential of the Flat Gold Project with our 2023 Drill Program

TSX-V: TECT | OTCQB: TETOF | FSE: T15B | TECTONICMETALS.COM | November 2023

Tectonic Metals

Tectonic Metals brings a highly disciplined capital allocation and development process to mineral exploration. By consistently limiting their focus to tier 1 opportunities that fit their formula for mine economics, and de-risking projects upfront, the team has established a tremendous track record of success. Members of the Tectonic team have been directly involved in identifying and monetizing several significant gold discoveries throughout N. America that have created a tremendous amount of value for shareholders and stakeholders.

The Flat Gold Project Alaska's Next Tier 1 Opportunity

Tectonic is currently assessing the Flat Gold Project in partnership with Doyon Limited ("Doyon"), one of Alaska's largest native regional corporations and a significant Tectonic investor. Between 1908 and 1966 approximately 1.4 million ounces of Placer Gold was produced in and around the Flat Gold project. Chicken Mountain is credited as the primary source of this historic placer gold.

Tectonic is currently evaluating this target, which features a four-kilometer long gold in-soil anomaly and 55 historic drill holes, all of which intersected and 25 of which ended in gold mineralization. Preliminary metallurgical analysis to-date has demonstrated rapid leach kinetics and gold recoveries averaging 95% from bottle roll testing (see Tectonic's news release dated February 16, 2023). This, combined with gold intersections at or near surface, suggest Chicken Mountain could represent an open pit, heap leach opportunity. Chicken Mountain is part of a larger geophysical anomaly that appears to represent an 11-kilometer-long intrusion related gold system that incorporates the additional targets of Golden Apex and Chicken Mountain East.

**1.4M oz
Placer
Gold**

- Fourth richest placer gold mining jurisdiction in Alaska*
- Chicken Mountain credited as source
- Every stream draining out of Chicken Mtn. carries gold

**~4 km
anomaly**

- High tenor gold-in-soil anomaly
- Unglaciated terrain
- Only 20% drill tested and open

**55
historic
drill holes**

- All hitting gold mineralization
- 25 of 55 drill holes ending in mineralization
- 12.56 g/t Au over 24.7m inc. 211.27 g/t Au over 1.40
- 1.36 g/t Au over 36.6m inc. 6.47 g/t Au over 4.5m

**96%
avg. gold
recovery**

- Preliminary testing on historic drill cores
- Potential open-pit, heap leach opportunity
 - Strong and rapid leach kinetics
 - Very low cyanide consumption
 - Low sulphur content
 - No preg robbing identified

*) 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

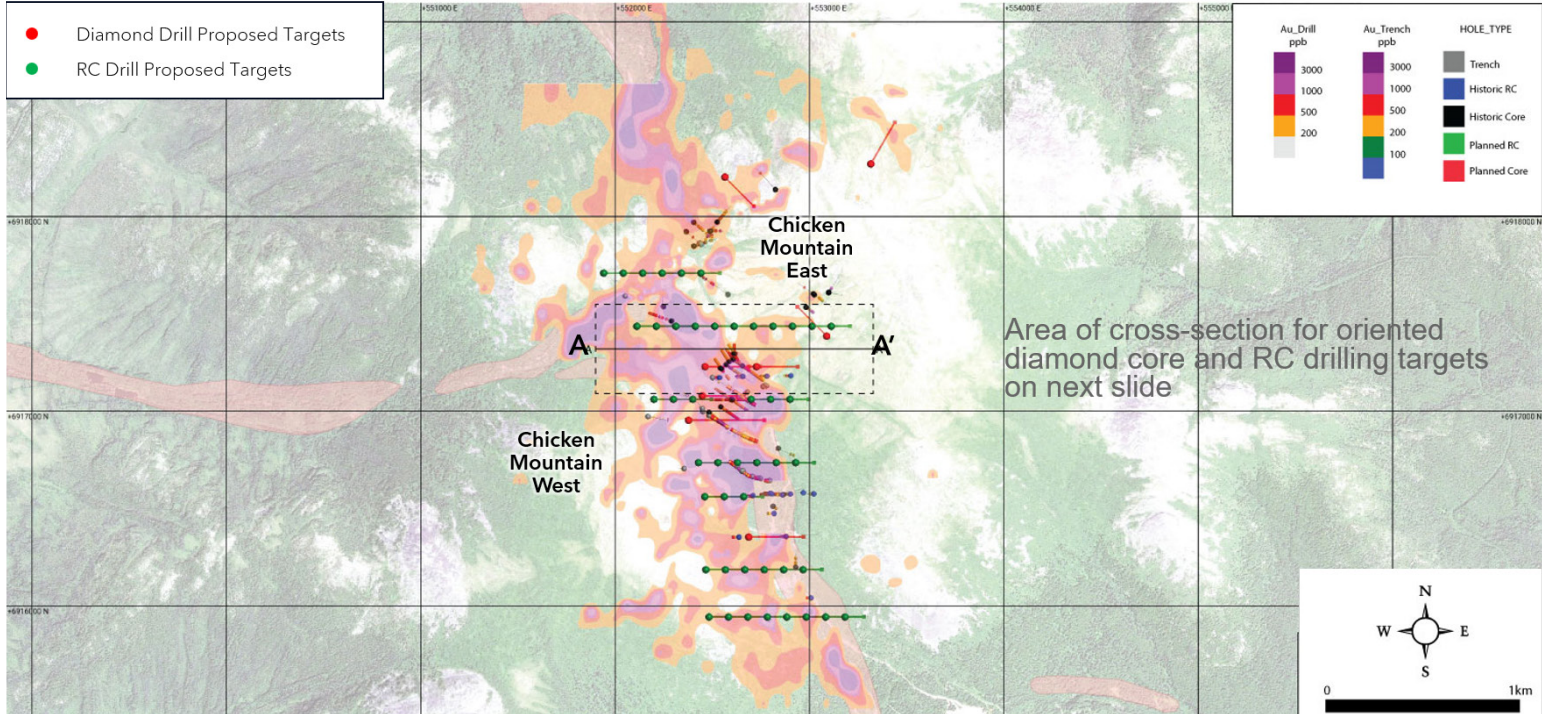
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PROVING THE SCALE OF CHICKEN MOUNTAIN WEST

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



PROVING THE SCALE OF CHICKEN MOUNTAIN WEST

CROSS SECTION OF ORIENTED DIAMOND CORE AND RC DRILLING TARGETS

