

# Advancing the Freegold Mountain Project Dawson Range, Yukon Territory



*Advancing the Freegold Mountain Project*  
TSX-V: TIG | OTC: TIGCF | FRANKFURT: 8N61



# Forward Looking Statements

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Certain of the statements contained in this presentation, including, without limitation, statements regarding the anticipated content, commencement and cost of exploration programs, anticipated exploration program results, the discovery and delineation of mineral deposits/resources/reserves, the anticipated preparation and timing of an updated 43-101 resource estimate, the potential for a significant expansion of the resource, the economic outlook for the gold mining industry, Triumph Gold's (the Company) expectations regarding gold prices and production, and its future liquidity and capital resources and planned expenditures, are forward-looking statements. Information concerning mineral resource estimates may also be deemed to constitute forward-looking statements in that these statements reflect predictions of mineralization that would be encountered if a mineral deposit were to be developed and mined. Although the Company believes that such statements are reasonable, it can give no assurance that such expectations will prove to be correct.

Accordingly, the Company cautions that any forward-looking statements are not guarantees of future results or performance, and that actual results may differ materially from those set out in the forward-looking statements as a result of; among other factors, variations in the nature, quality and quantity of any mineral deposits that may be located, the Company's inability to obtain any necessary permits, consents or authorizations required for its activities, material adverse changes in economic and market conditions, changes in the regulatory environment and other government actions, fluctuations in commodity prices and exchange rates, the inability of the Company to raise the necessary capital for its ongoing operations, and business and operational risks normal in the mineral exploration, development and mining industries, as well as the risks and uncertainties disclosed in the Company's most recent Management Discussion and Analysis. The Management Discussion and Analysis is filed with certain provincial securities commissions in Canada, available at [www.sedar.com](http://www.sedar.com). The Company undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after the date of this presentation or to reflect the occurrence of unanticipated events.

All subsequent written or oral forward-looking statements attributable to the Company or any person acting on its behalf are qualified by the cautionary statements herein. Brian May, P. Geo., President of Triumph Gold Corp., is the qualified person, as defined by NI 43-101, and has reviewed the technical information in this corporate presentation. Links to references are imbedded in the following slides for additional information.

For more detailed information about the Company, please see documents available from [www.sedar.com](http://www.sedar.com) or our website [www.triumphgoldcorp.com](http://www.triumphgoldcorp.com)

# First Nations Acknowledgement

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*We acknowledge that we are on traditional territories in the Yukon of the many First Nations whose footsteps have marked these lands for centuries.*



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# Leadership and Management Team

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## **John Anderson – Interim CEO and Chairman**

- 20 years' resource sector capital marketing experience
- Strategic company growth and management

## **Brian May, P.Geo – President**

- 15+ years' exploration and OP mining experience
- Key Projects: Blackwater, New Afton, Brucejack, Craigmont, BC; Mesquite, CA; Goldfield, Ruby Hill, Pinson, NV; Mineral Park, AZ

## **Brian Bower – Lead Director**

- 30 years' experience in exploration and mining
- Key member in project development: New Afton, Kemess South, Blackwater, and Mount Milligan Mines

## **Marty Henning, P.Geo – Principal Geologist**

- 15+ years' mineral exploration and mining experience
- Focused on construction, production and exploration at the New Afton block cave mine

## **Graeme Hopkins – Chief Technical Officer**

- 20 years' Data Management and GIS experience
- Involved with the Freegold Mountain Project since 2008

## **Jesse Halle, P.Geo – VP Exploration**

- 25+ years' experience in exploration
- Advance multiple porphyry copper-gold deposits in Yukon and BC, including Casino and Copper Mountain deposits

## **Emily Halle, PMP – Project Manager**

- 15+ years' experience in exploration and project management
- Focused on porphyry copper-gold systems in British Columbia and Yukon, with additional experience in South Africa, Alaska and Eastern Canada

## **Kairan Liu – Project Geologist**

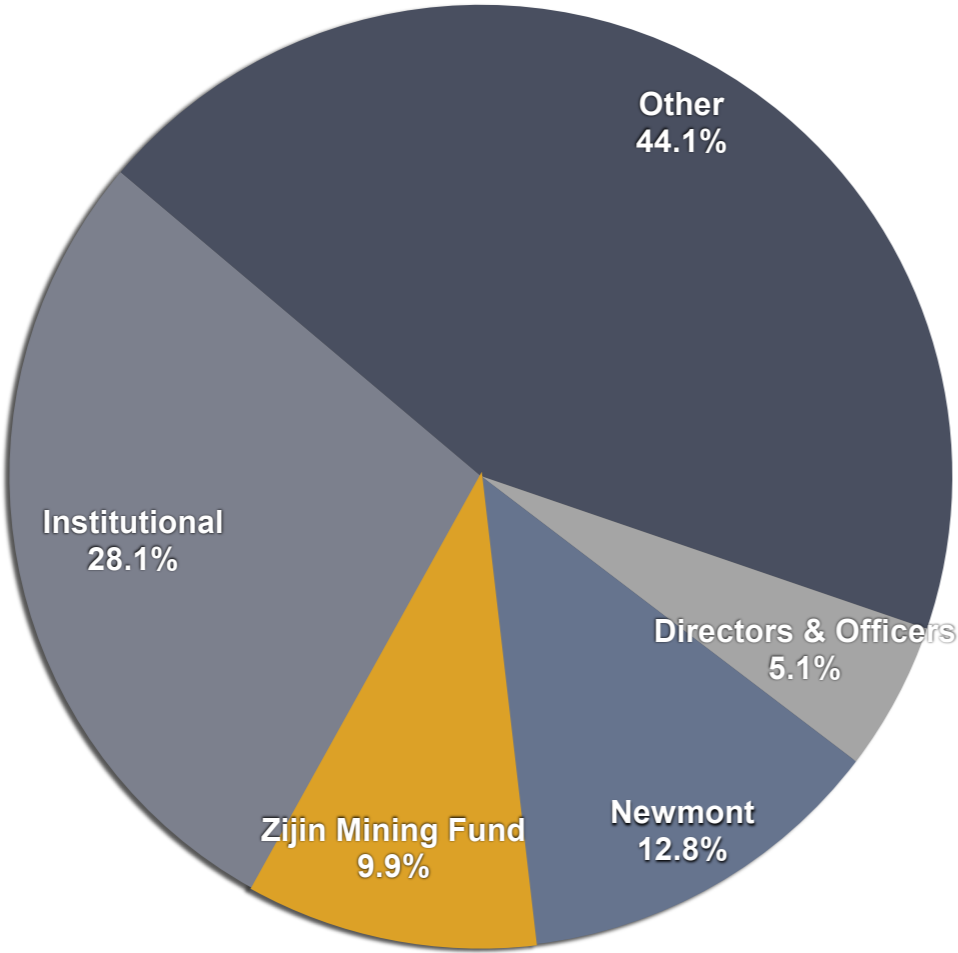
- 7+ years' international exploration experience
- PhD in Economic Geology from Colorado School of Mines



# Financial Structure & Share Performance

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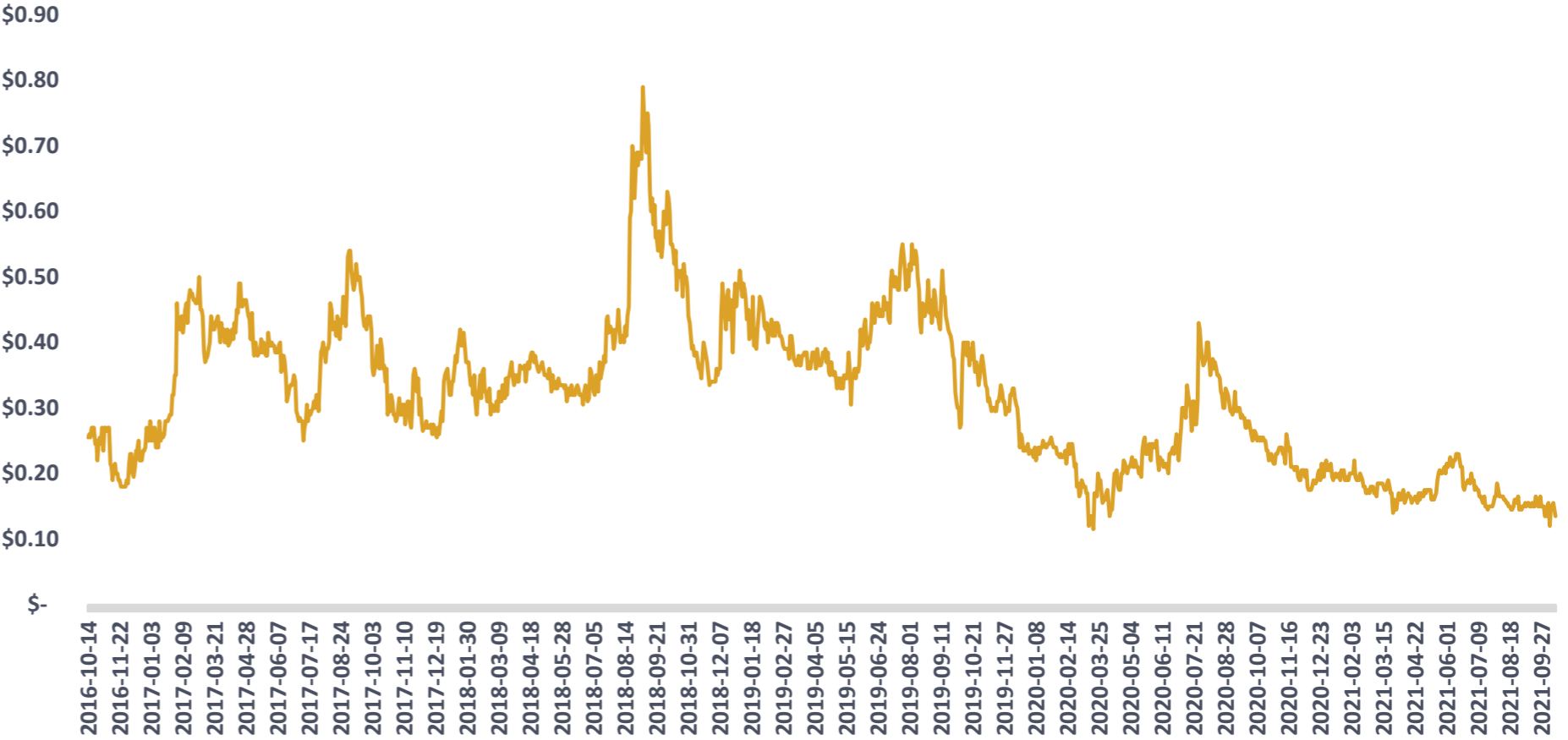
Major Shareholders:



Trading Data (as of Oct. 15, 2021)

52-Week Range	0.12 - 0.26
3M Av. Daily Volume	122,578
Market Cap (@ \$C 0.15 per share)	C\$20.8M

TIG Share Price – 5 Year



Capital Structure (as of April 23, 2021)

Shares Outstanding	138,844,229
Warrants	33,185,345
Options	13,585,000
Fully Diluted	185,614,574

# Tintina Gold Belt – Yukon Overview

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**Excellent Infrastructure** – Road accessible project close to electrical grid in mining friendly Yukon with existing mines and world class projects

**District scale land package in the highly mineralized Dawson Range Cu-Au belt** – Flagship Freegold Mountain Project plus Tad/Toro and Big Creek Properties

**Responsible Exploration** –Engagement with local government and communities; Diverse and inclusive exploration team

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# Freegold Mountain Project Overview

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## Mineralization Possible in Every Rock Type on the Project

### Paleozoic Metamorphics (YTT) (blue)

**Lithology:** Snowcap Assemblage: mica schist/gneiss, amphibolite, quartzite, marble

**Prospects:** Nucleus, Melissa, Irene, Guder, Red Fox, Granger, Combo, Stoddart, Dart, Goldy and Castle

### Jurassic Intrusives (orange)

**Lithology:** Quartz Monzonite to Diorite

**Prospects:** Tinta Hill, Field and Com

### Cretaceous Intrusives (pink)

**Lithology:** Granodiorite to Leucogranite, Quartz Feldspar Porphyry

**Prospects:** Nucleus, Revenue, Granger, Ridge, Nitro and Cabin

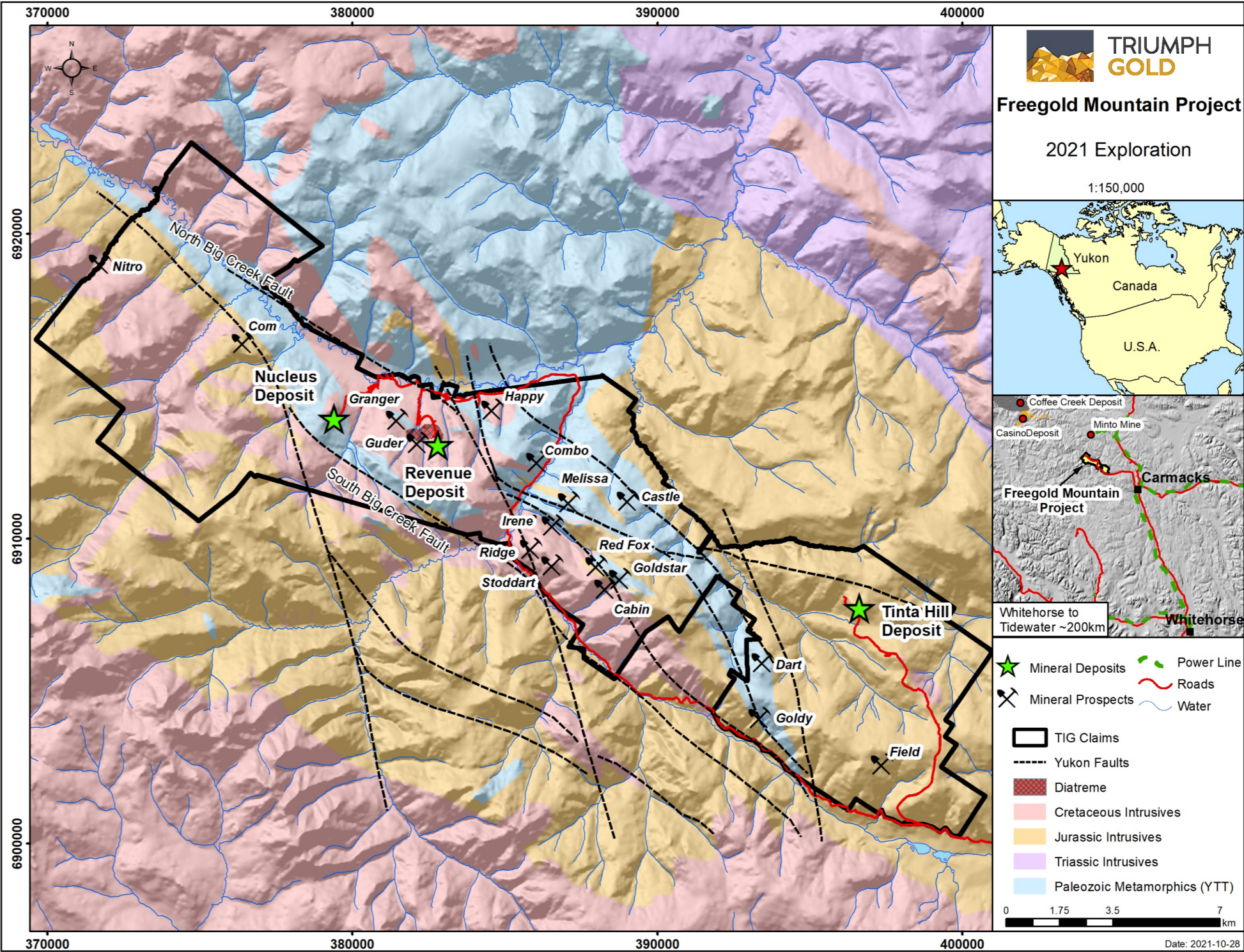
### 4 Styles of Mineralization

Porphyry: Au, Cu, Mo, Ag

Skarn: Au, Ag, Cu

Epithermal: Au, Ag, Cu, W

Polymetallic: Au, Ag, Pb, Zn



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# 2021 Freegold Mountain Exploration Summary

## \$2.75M Budget

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### **6,600 m of Diamond Drilling (~\$2.6 M based on \$400/m all-in cost)**

- 3,500 m at Nucleus Targets  
Oxide Au (+/-Ag) Heap Leach Confirmation Study
- 3,100 m at Revenue (BSZ & WAu) Targets

### **Surveying**

- LIDAR Survey over Tad Toro, Big Creek and Freegold Mountain
- 6 km of Line Cutting at Tinta Hill
- Grassroots Geological Surveying

### **Andalusite Peak:**

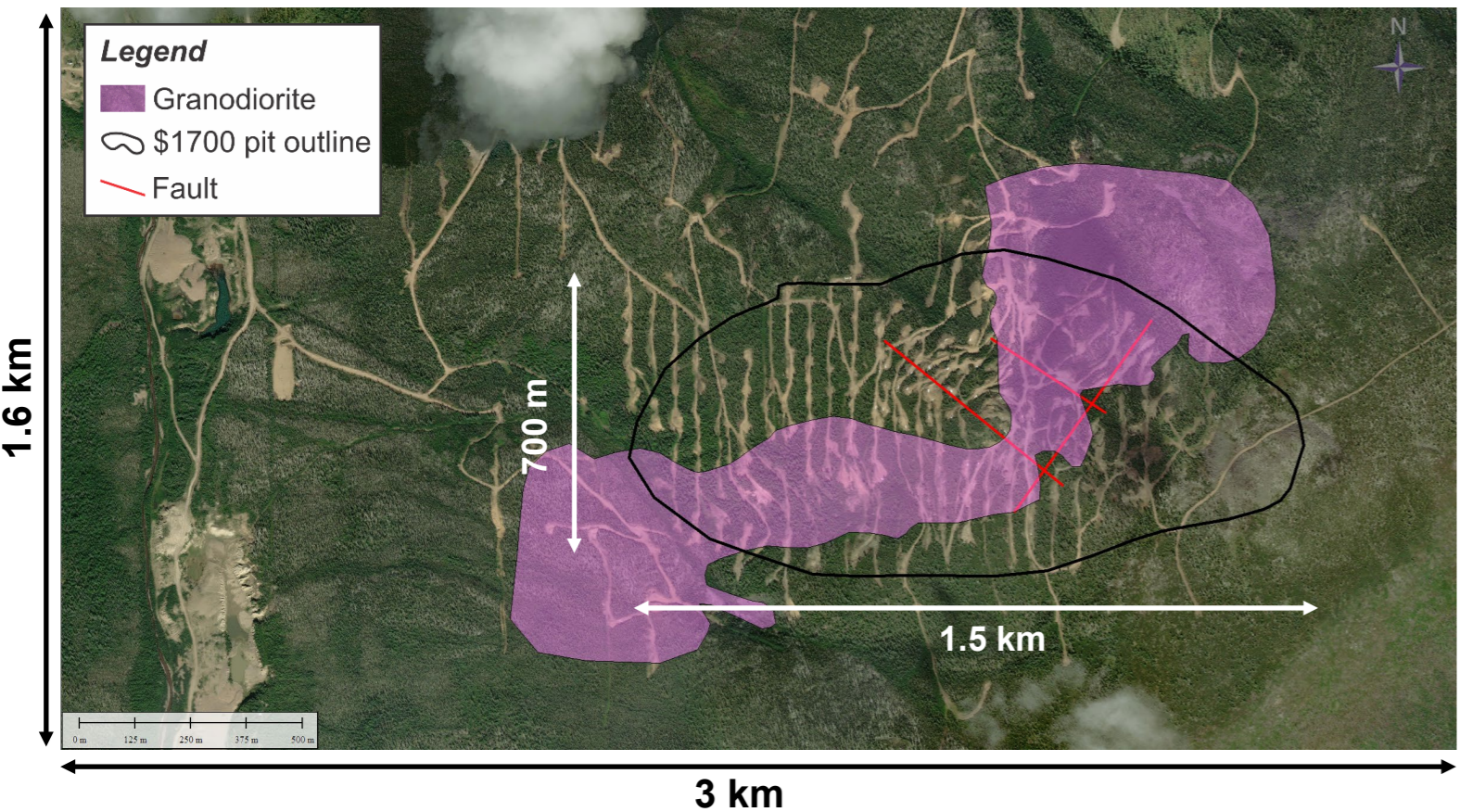
**6-day prospecting / sampling field program**



# Nucleus-Eagle Comparison

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## Oxide Heap Leach Potential, Drill, Drill, Drill...



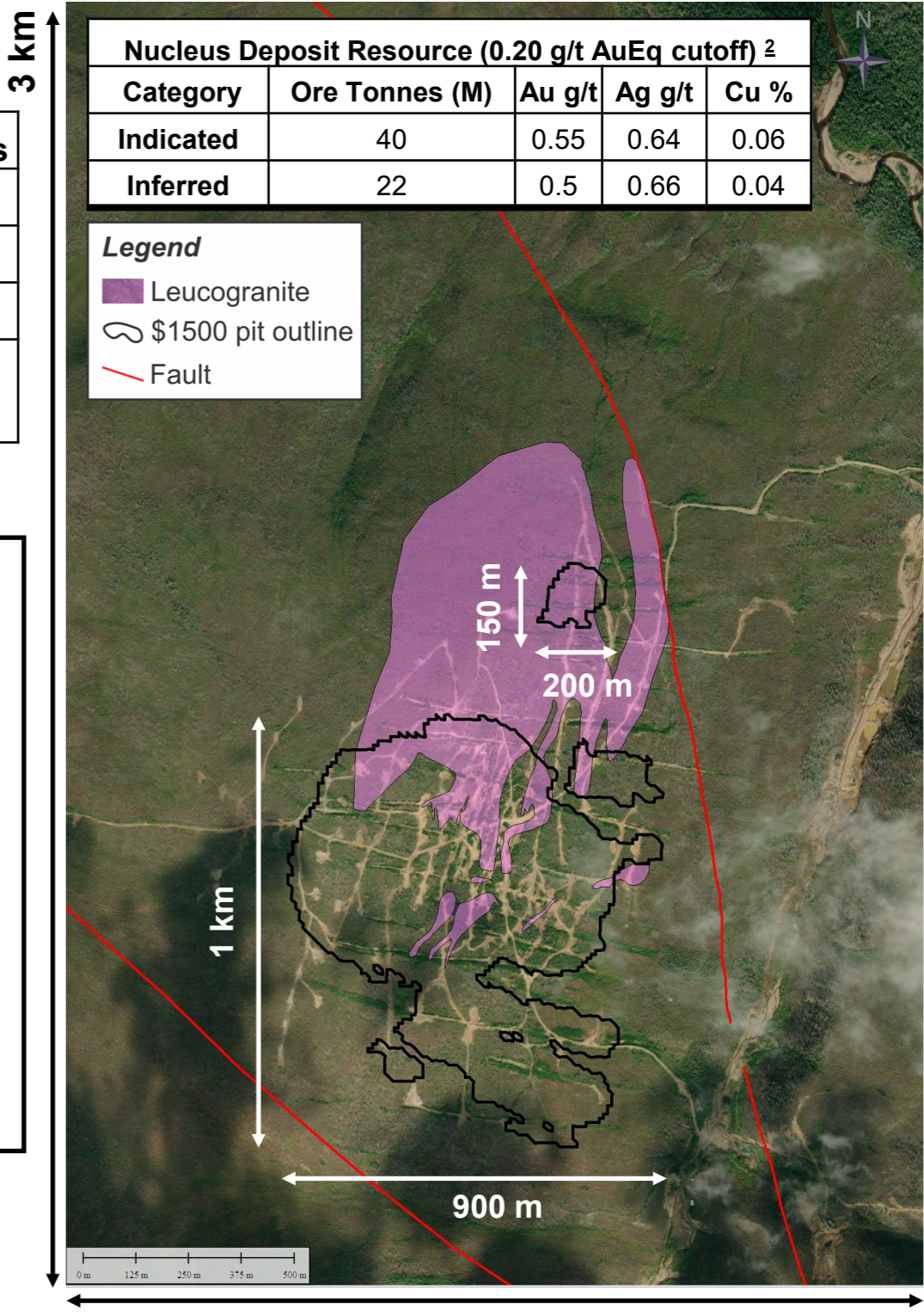
Eagle Gold Mine Resource (0.15 g/t Au cutoff) <sup>1</sup>		
Category	Ore Tonnes (M)	Au g/t
Measured & Indicated	180	0.61
Inferred	22	0.52

	Eagle	Nucleus
Metres Drilled	178,489	60,061
Number of Holes	1,078	359
CN Recovery	80%	77%*
Number of Samples	1,221	122

\*CN Recovery based on BLEG Analysis

### Summary

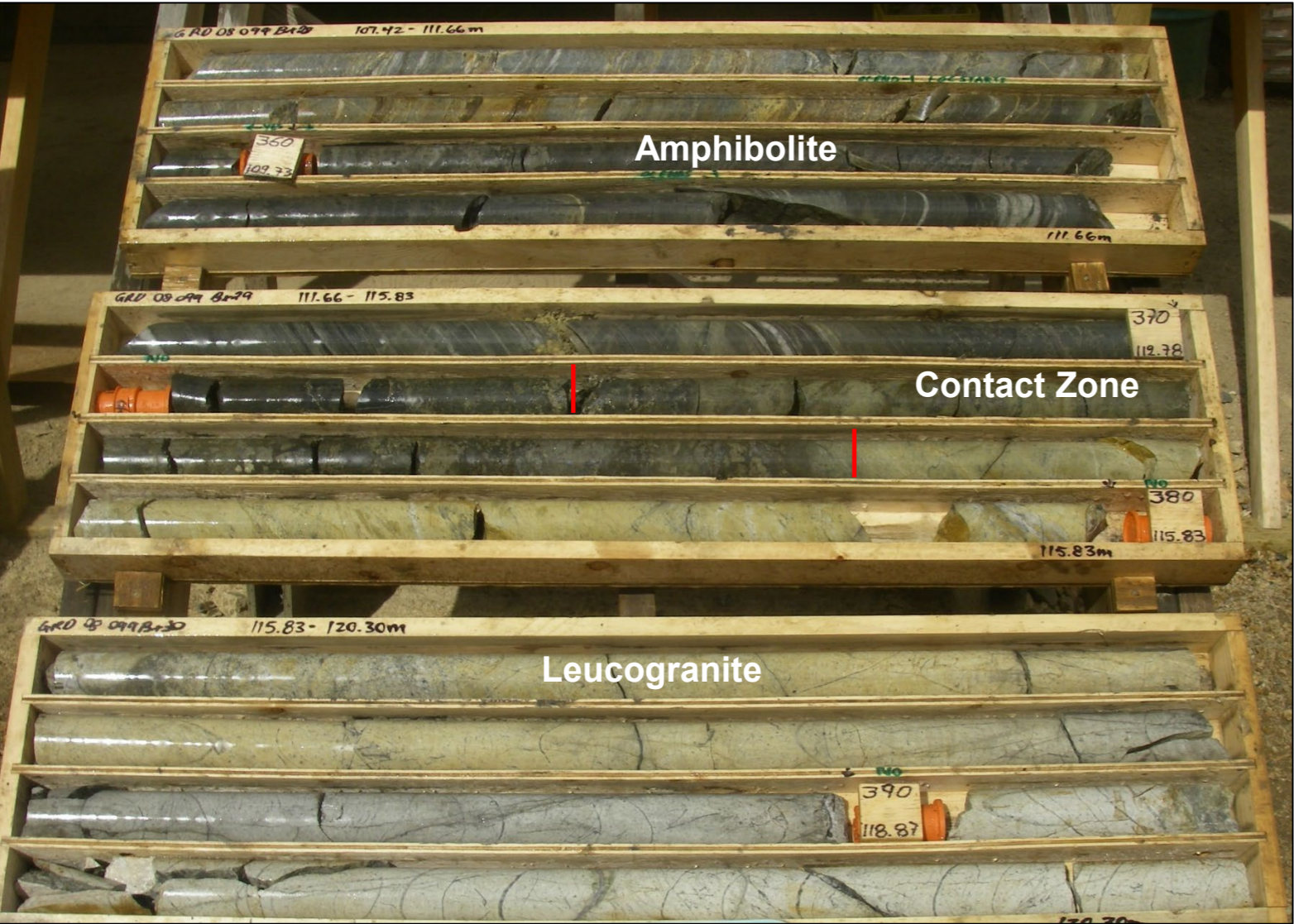
- Deposits are ~200 km apart
- Gold hosted in Metasediments and Felsic Intrusions
  - Intrusive-hosted gold
  - Granodiorite at Eagle
  - Leucogranite at Nucleus
- Similar gold grades and recoveries
  - 1/10<sup>th</sup> number of CN samples at Nucleus
- Nucleus is ~1/3 the size of Eagle with 1/3 the amount of drilling
- Average drill hole spacing
  - Eagle Main = 30 m
  - Nucleus = 50-100 m



2021 Exploration Program assayed for AuCN Recovery, additional opportunity analyzing historic pulps

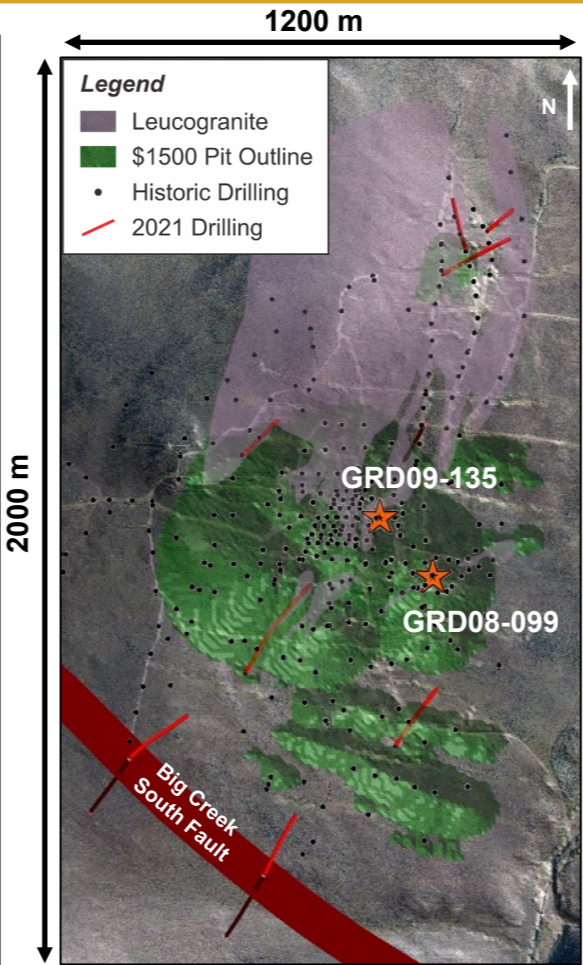
# Nucleus Planning: Targeting Skarn (Replacement-Style) and Oxide (Epithermal) Gold

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## GRD08-099

- East side **skarn** zone
- Au-Cu skarn at contact with preferred **amphibolite** and leucogranite
- 113.28-114.55 m = 402 ppm Au, 4.2 ppm Ag, 149 ppm Co, 7283 ppm Cu, 34 ppm Ni, 30 ppm Pb, 40 ppm Zn



## GRD09-135

- Silicified, **oxidized**, porphyritic, weakly foliated **leucogranite**
- 30.27-45.15 m = 0.74 ppm Au
  - 32.27-36.27 m = 1.24 ppm Au
  - 43.61-45.15 m = 1.74 ppm Au



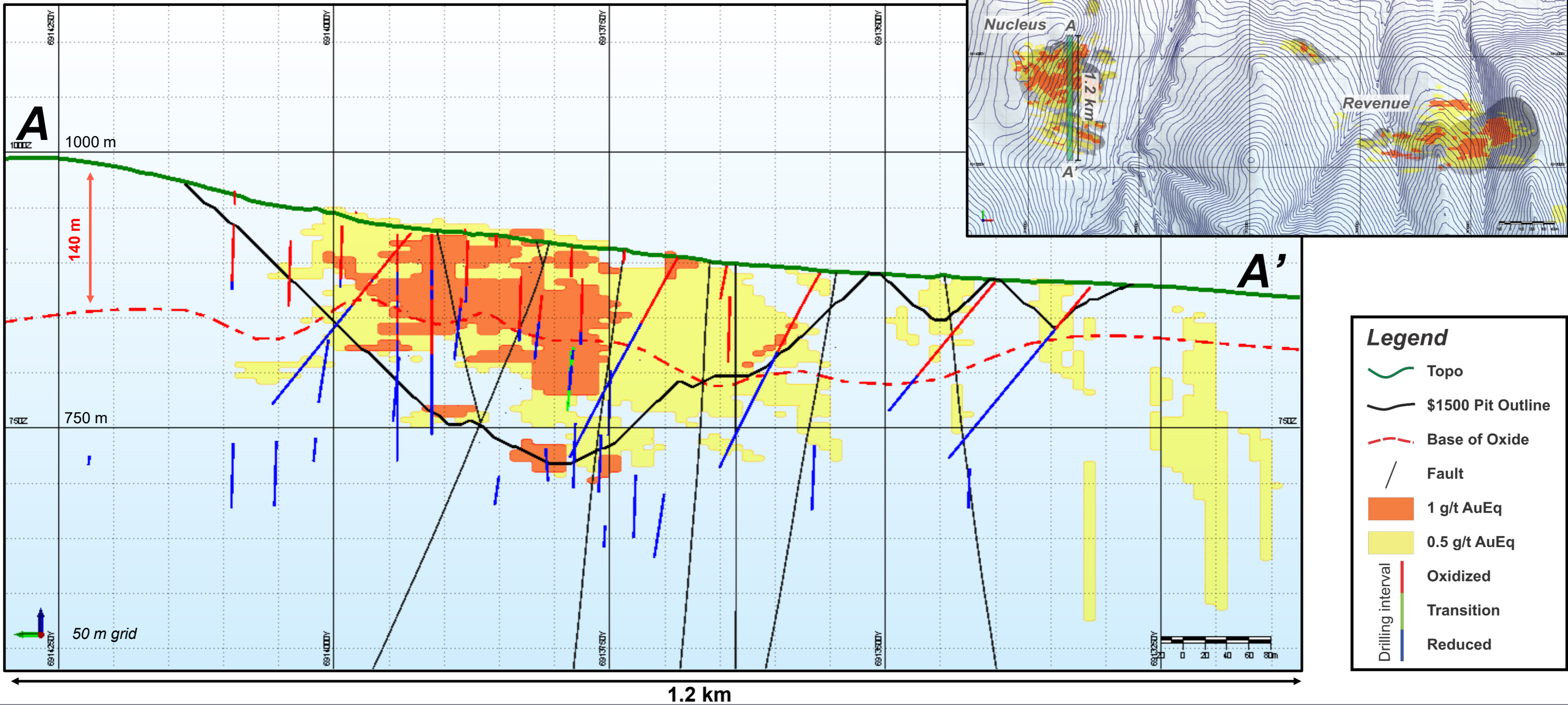
## GRD09-135 - Oxidized Leucogranite

# Nucleus Deposit Oxidation Interpretation

## Cross section 379352mE Looking East

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[\\*Link to NI43-101 Resource for details](#)

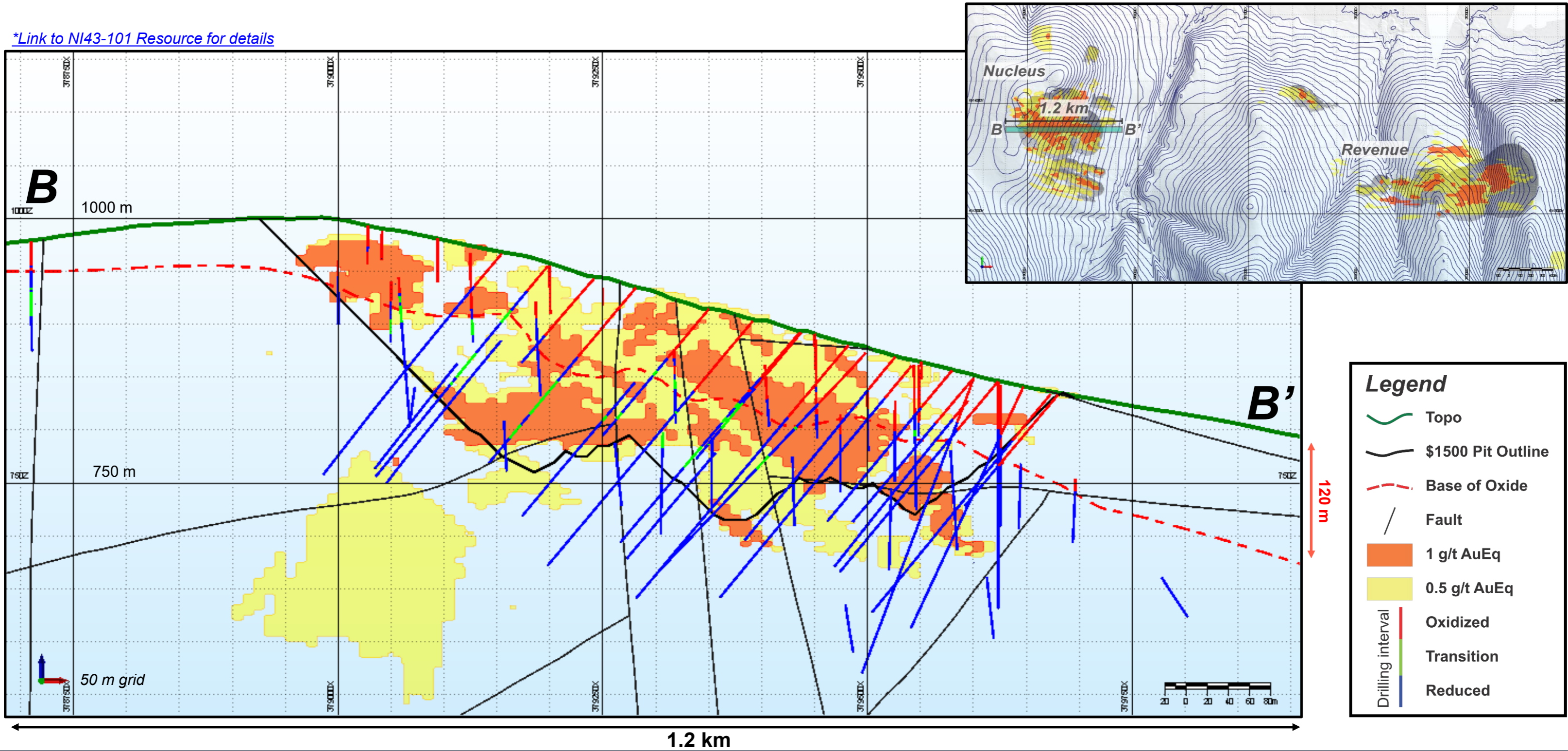


# Nucleus Deposit Oxidation Interpretation

## Long Section 379352mE Looking North

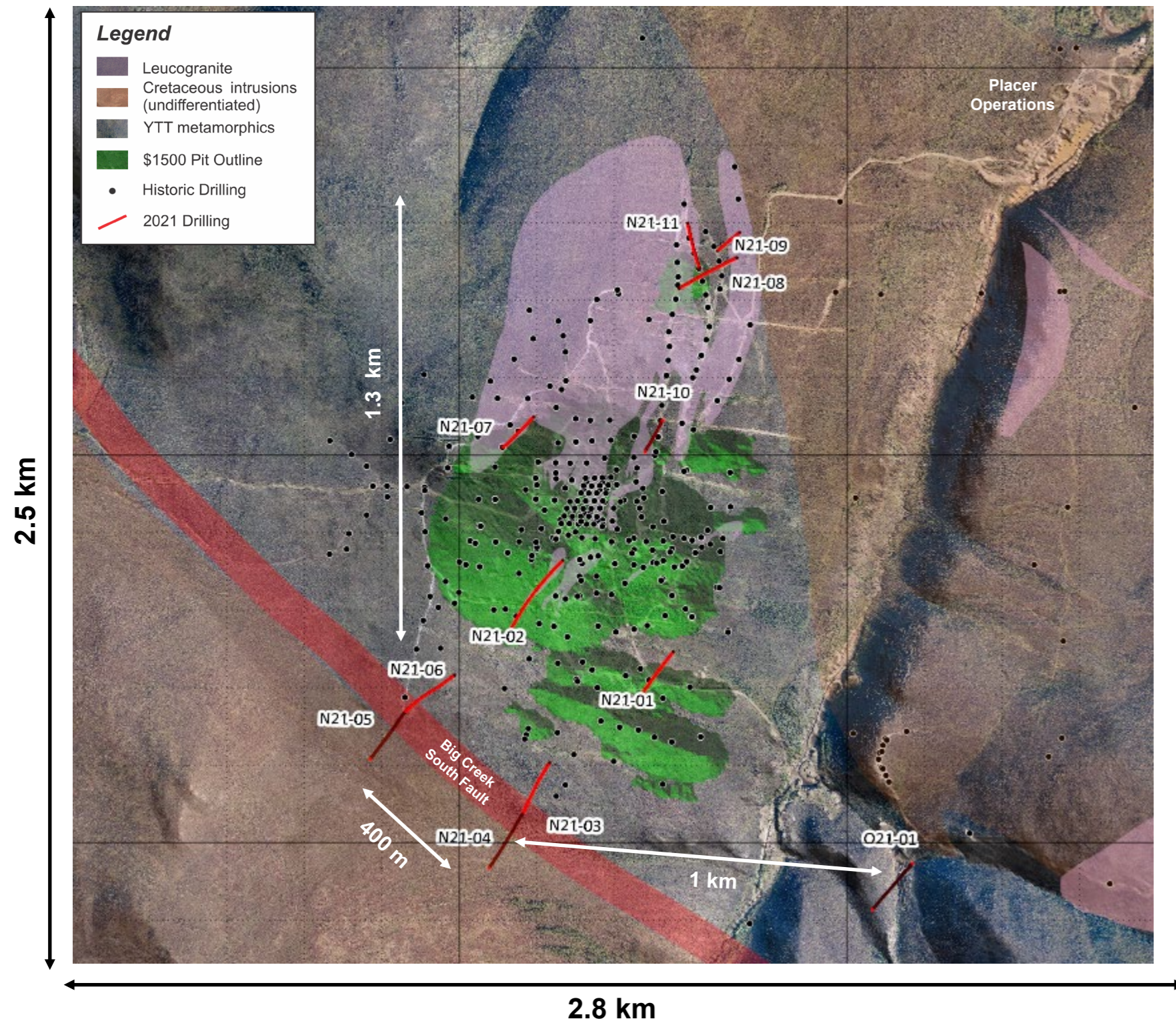
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[\\*Link to NI43-101 Resource for details](#)



# 2021 Nucleus Drilling: North, Main, Big Creek South, Orbit

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## 2021 Nucleus Exploration Summary – 3,565 m (12 holes)

### Main Resource (N21-01, N21-02, N21-04, N21-06, N21-07, N21-10)

- 1,938 m diamond drilling, (6 holes)
- Testing the “Four Corners” of the resource
- 2 holes stepping out ~300 m of the southern limit of the \$1500 pit shell
- Expanded mineralization 50-100 m laterally and vertically
- Confirmed epithermal gold and skarn mineralization

### North Resource (N21-08, N21-09, N21-11)

- 776 m diamond drilling (3 holes)
- Previous resource based on RAB drilling
- Intersected up to 150 m of oxidation vertically
- Confirmed epithermal oxide gold mineralization

### Big Creek South Fault (N21-03, N21-05)

- 608 m diamond drilling (2 holes)
- Maiden holes testing geophysical anomalies
- Intersected up to 39 m of replacement-style mineralization

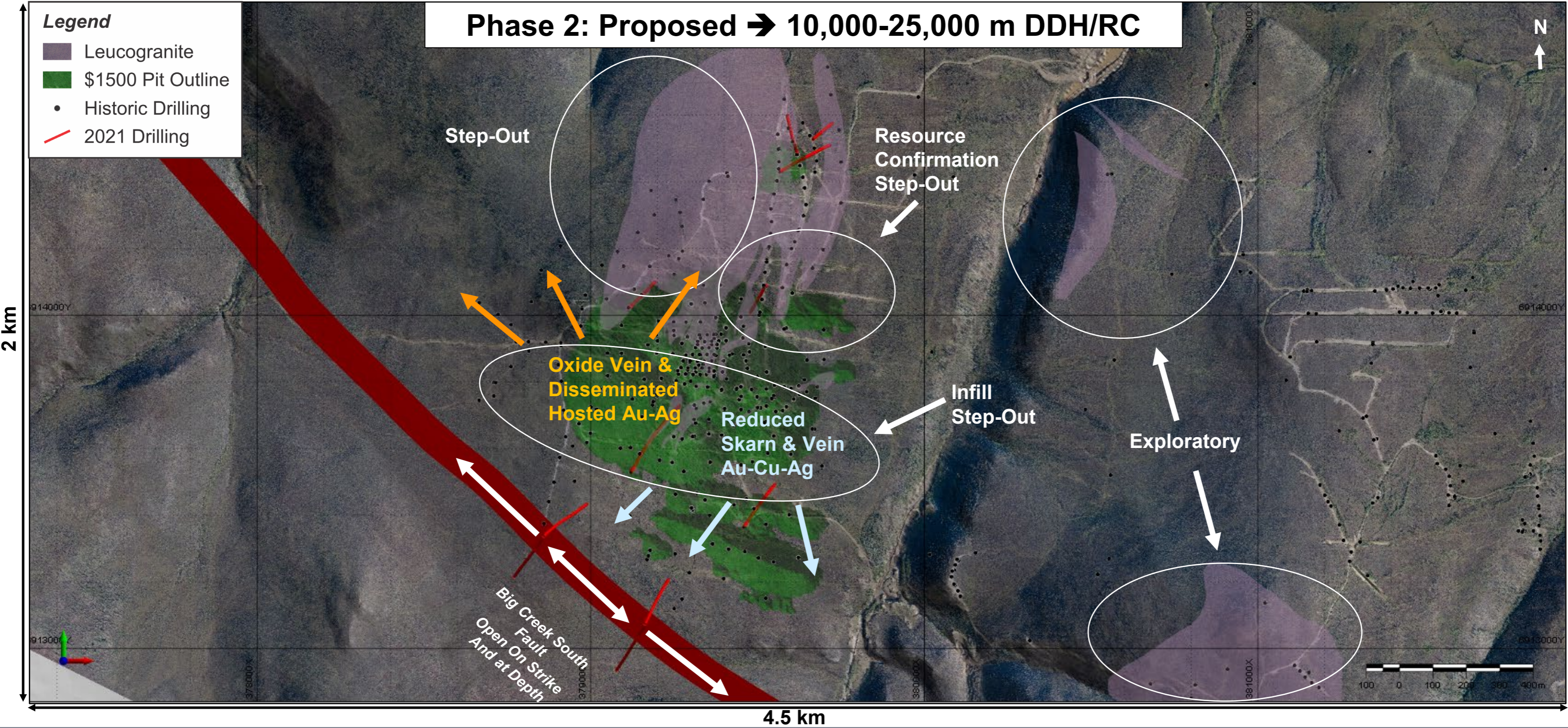
### Orbit (O21-01)

- 242 m diamond drilling (1 hole)
- Maiden hole testing copper mineralization at surface
- Intersected epithermal mineralization

# 2022 Nucleus: Expanding the Resource & Targeting Oxide Gold

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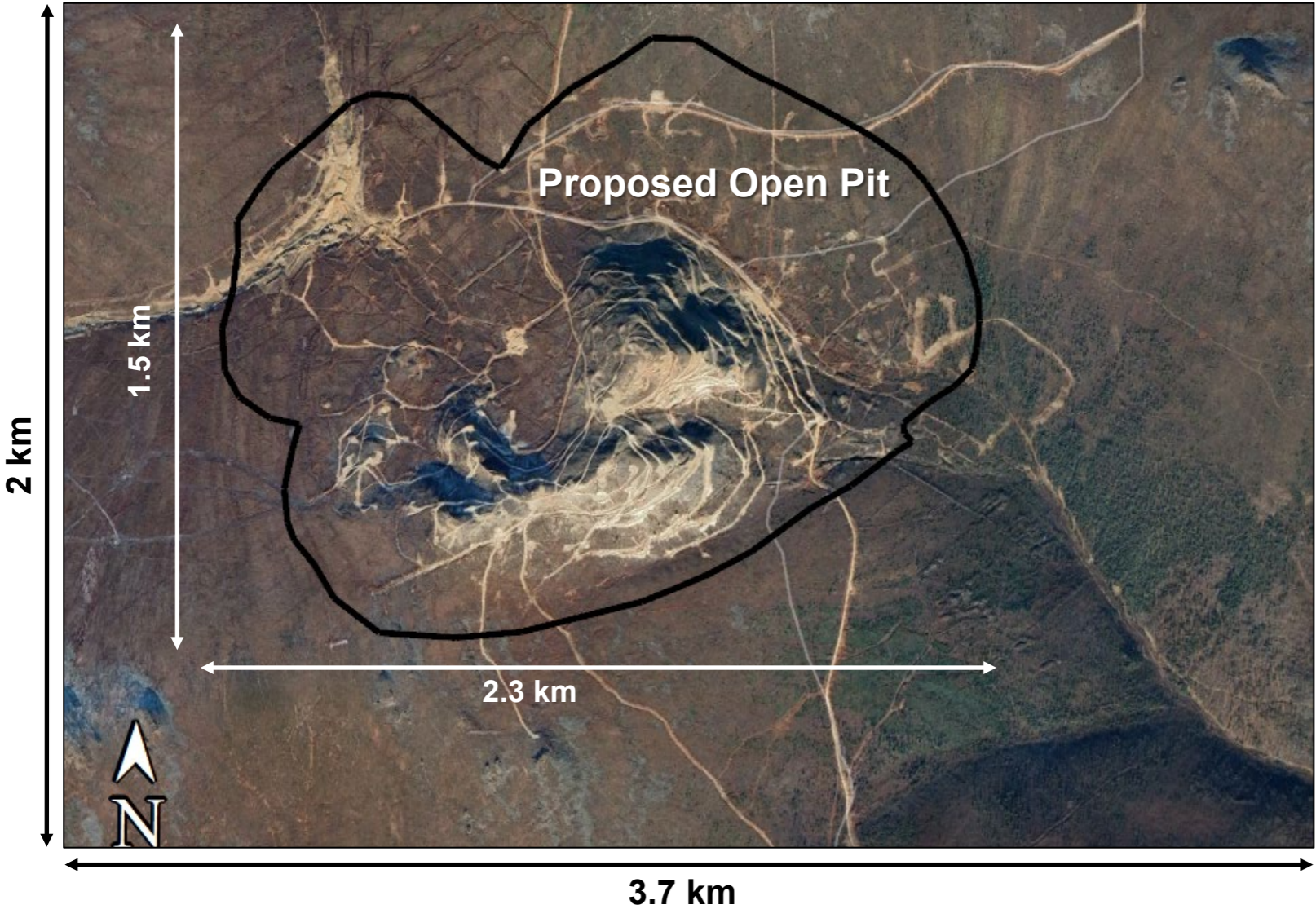
Phase 2: Proposed → 10,000-25,000 m DDH/RC



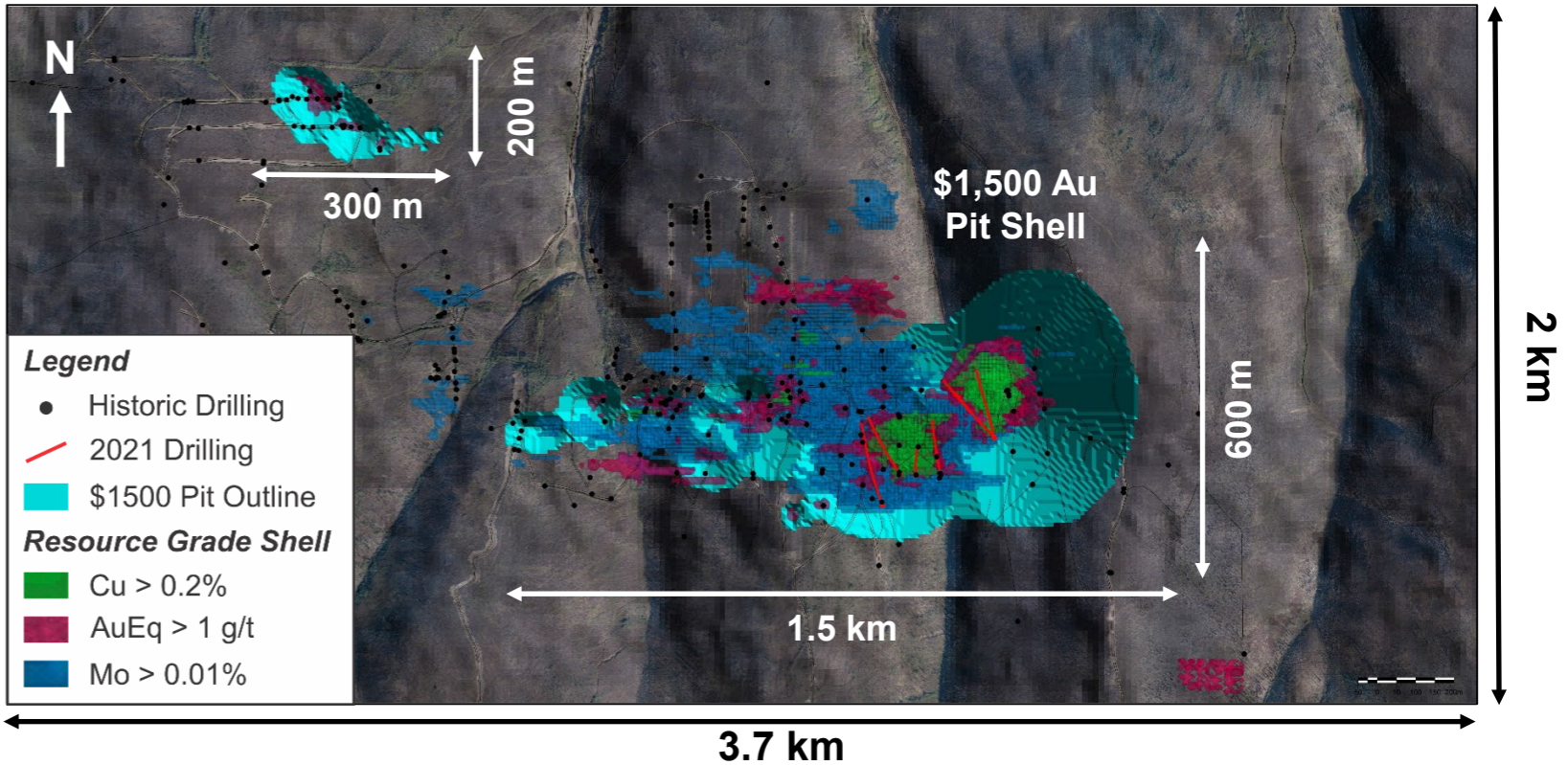
# Casino - Revenue Multi Element Deposit Comparison

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Casino Resource Summary <sup>1</sup>					
Classification	Tonnes Mt	Au g/t	Cu %	Mo %	Ag g/t
Measured + Indicated	2,390	0.19	0.14	0.017	1.5
Inferred	1,461	0.14	0.1		1.2
Meters Drilled/ Number of Holes	116,447			420	

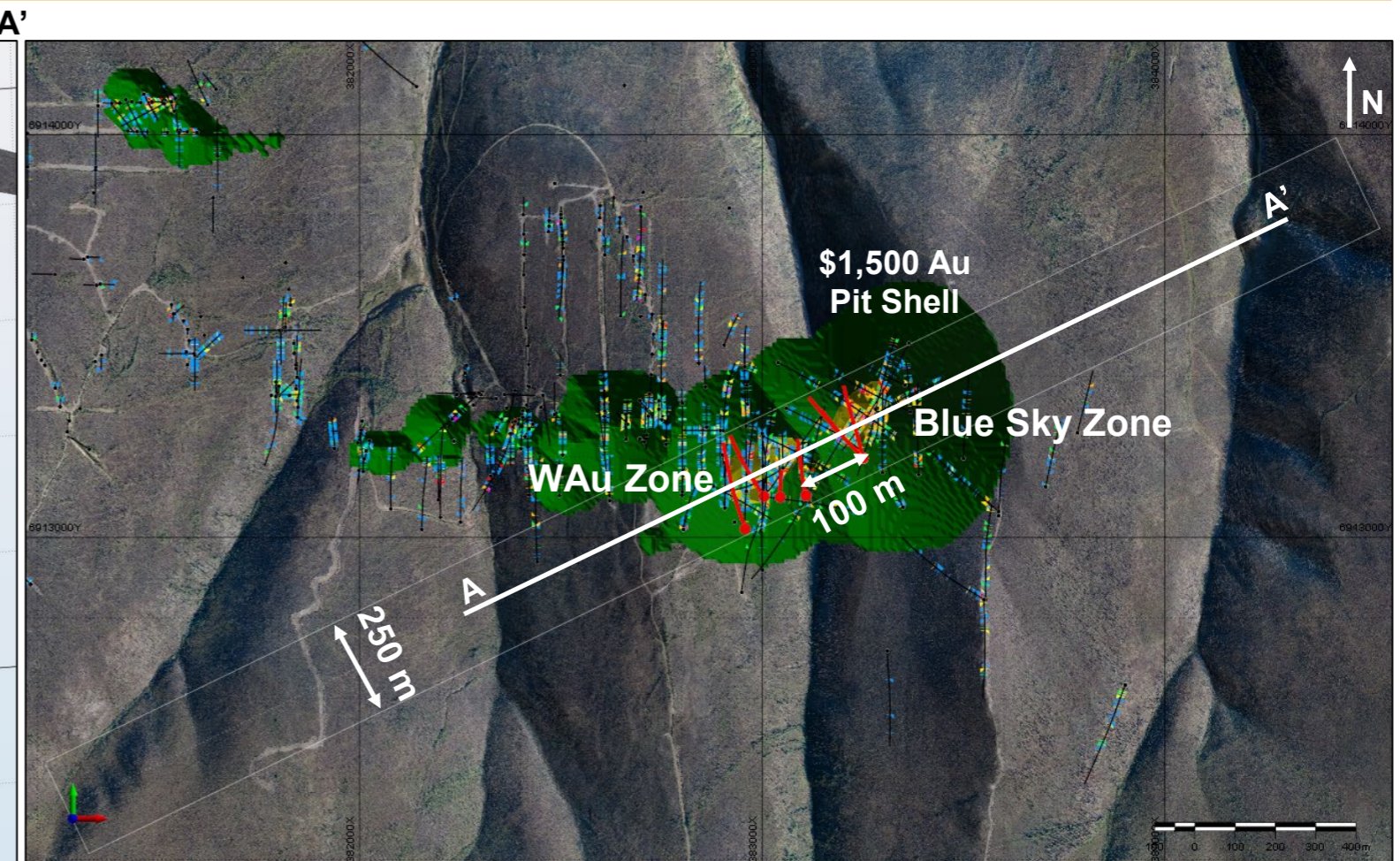
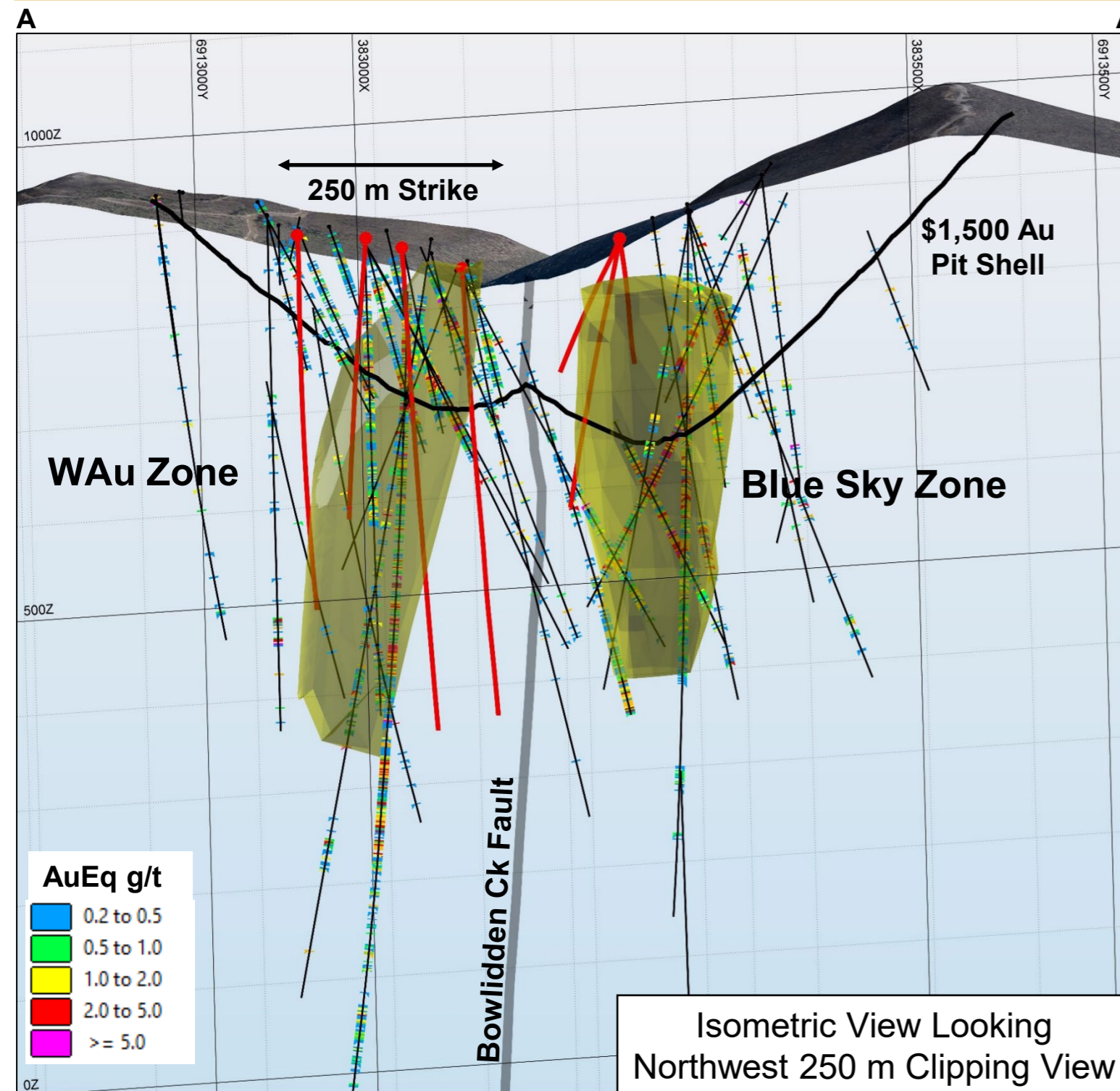


Revenue Resource Summary <sup>2</sup>						
	Tonnes Mt	Au g/t	Cu %	Mo %	Ag g/t	W %
	Indicated					
Pit Constrained	11.4	0.38	0.12	0.016	2.4	0.008
	Inferred					
Pit Constrained	25	0.46	0.11	0.009	2.2	0.001
Underground	2.5	0.99	0.22	0.01	5.2	0.001
Meters Drilled/ Number of Holes	55,100				324	



- Deposits are <100 km apart
- Same Commodities Au, Ag, Cu, Mo
- Oxide Gold Heap Leach at surface and primary hypogene at depth
- Both deposits are hosted within Cretaceous granodiorite intrusive complexes proximal to diatreme vents

# 2021 Revenue Drilling: Expanding High Grade Zones



## 2021 Revenue Exploration Summary – 3,500 m (7 holes)

### Blue Sky

- 1,500 m diamond drilling (3 holes)
- Expanded mineralization towards surface

### WAu

- 2,000 m diamond drilling (4 holes)
- Expanded mineralization up to 250 m along strike

*Drilling has narrowed the gap between the high-grade zones*

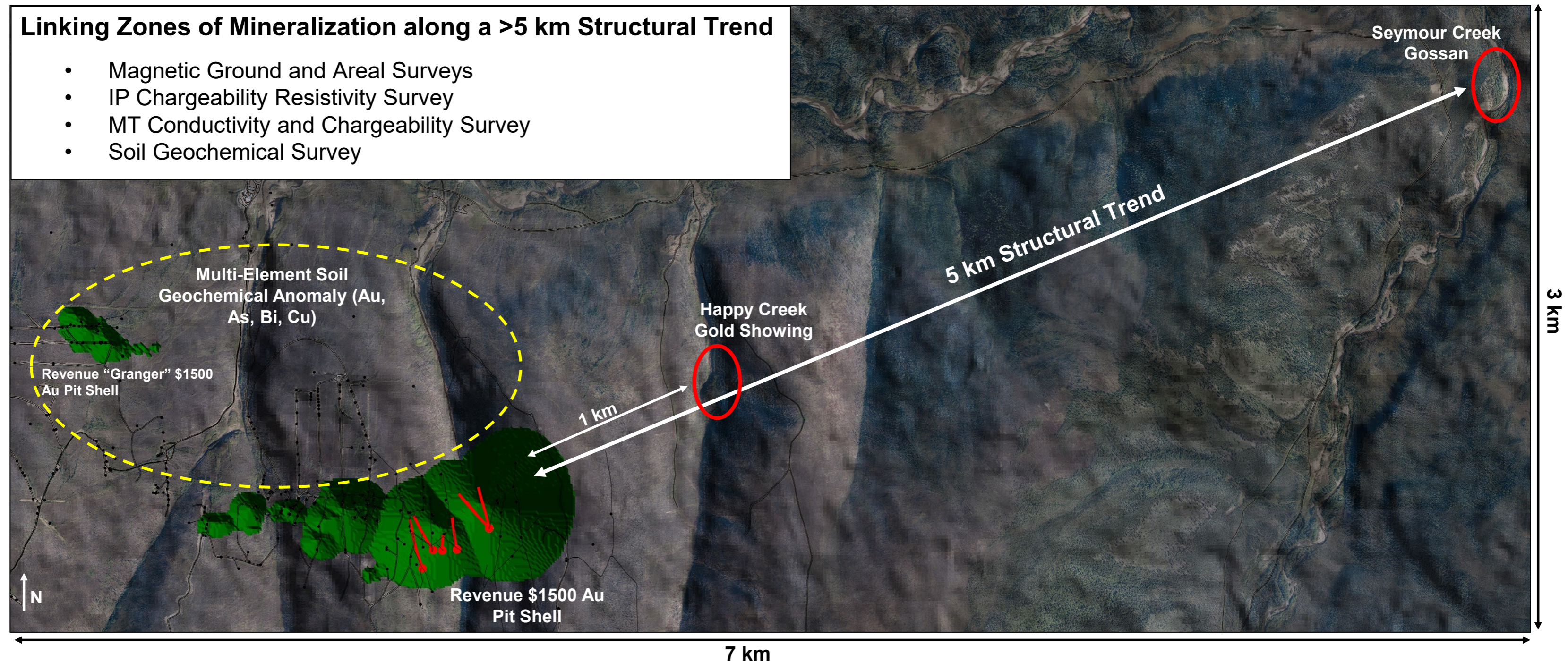
# 2022 Exploration Targeting

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## Exploration Potential Continues at Revenue, Drill, Drill, Drill...

### Linking Zones of Mineralization along a >5 km Structural Trend

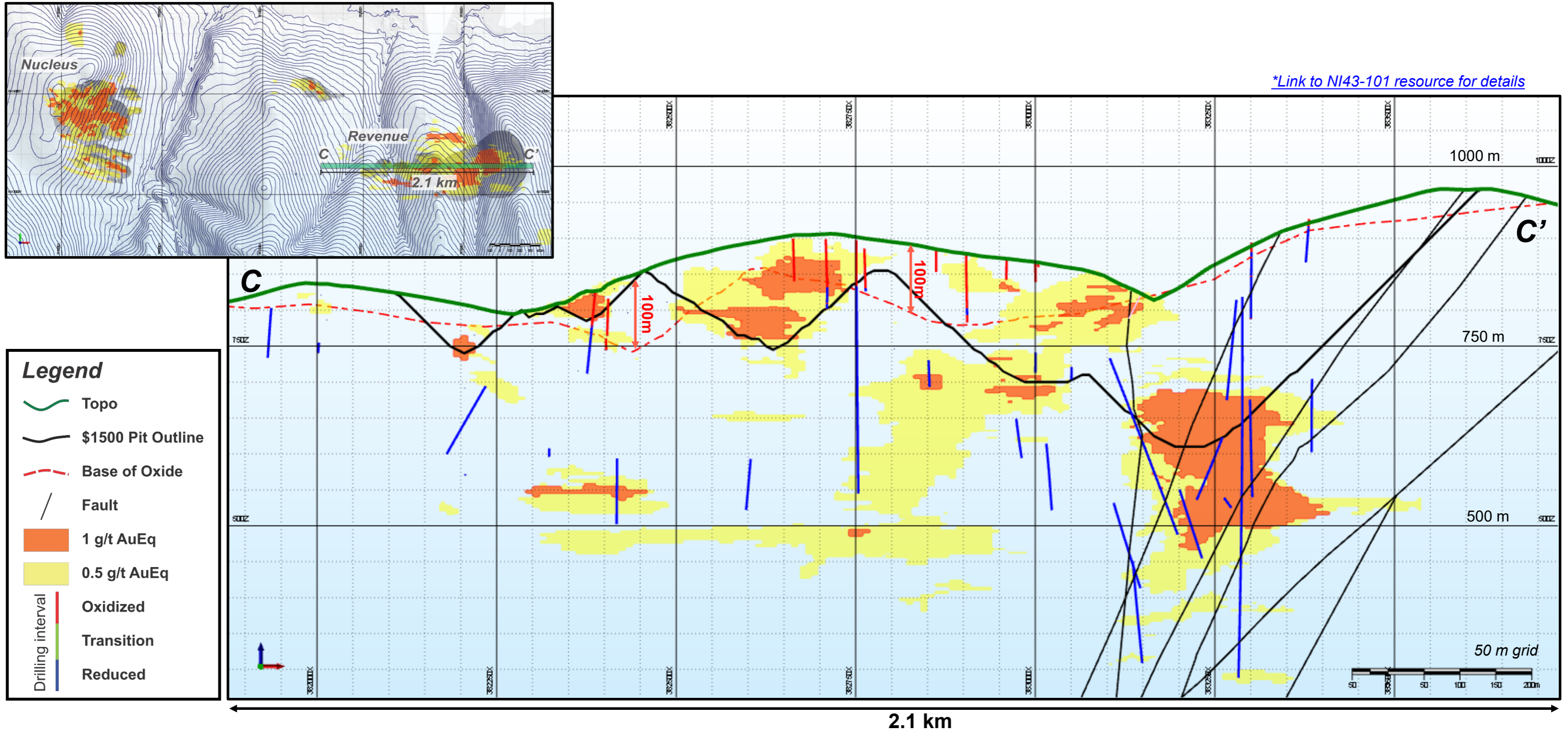
- Magnetic Ground and Areal Surveys
- IP Chargeability Resistivity Survey
- MT Conductivity and Chargeability Survey
- Soil Geochemical Survey



# Revenue Deposit Oxidation Interpretation

## Long Section 6913275mN looking North

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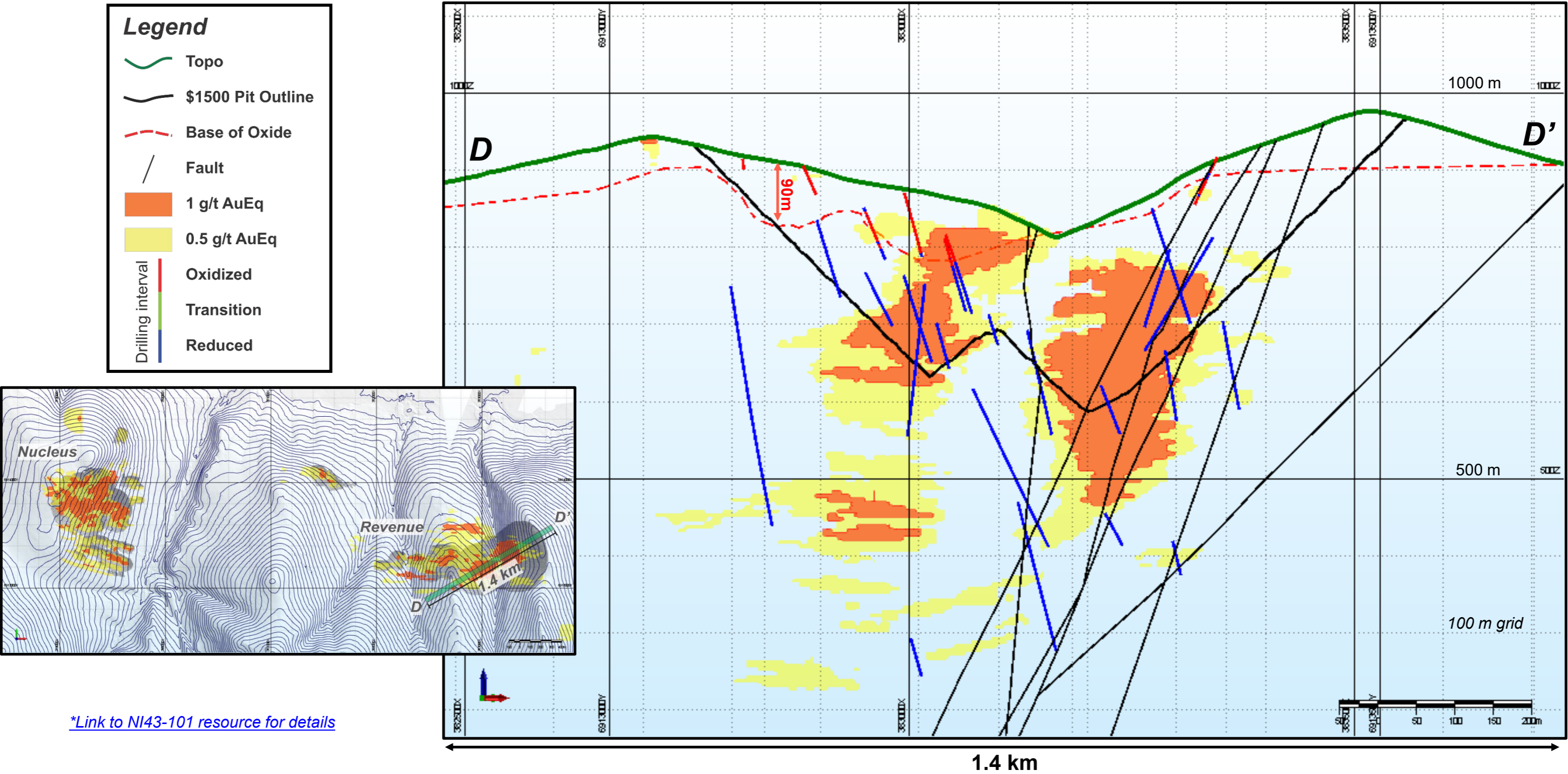
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# Revenue Deposit Oxidation Interpretation

## Short Section looking Northwest

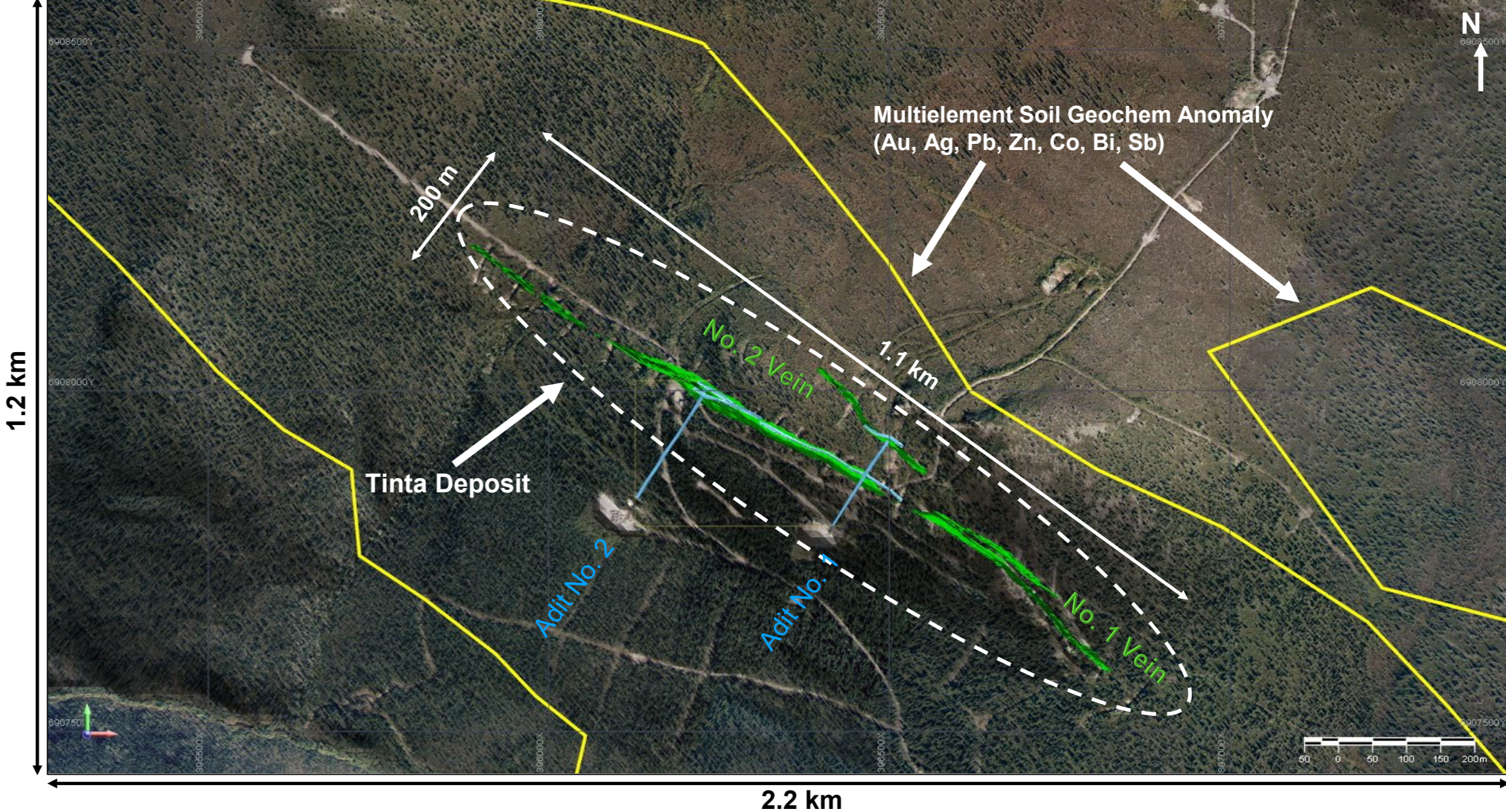
TRIUMPH GOLD



[\\*Link to NI43-101 resource for details](#)

# Tinta Hill

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## Tinta U/G Development (1980-1981)

- Adit No 1: 630 feet of crosscut, 1066 feet of drifting
- Adit No 2: 722 feet of crosscut, 665 feet of drifting, 9x9 ft tunneling
- 880 samples cut and assayed
- 25kT stockpile (mined from Adit Nos. 1 & 2) <sup>1</sup>

<sup>1</sup> Tough, T. (Dec 7, 1981). Interim Report on the Tinta Hill Property, Y.T. Field Season 1981. Silver Tusk Mines Ltd.

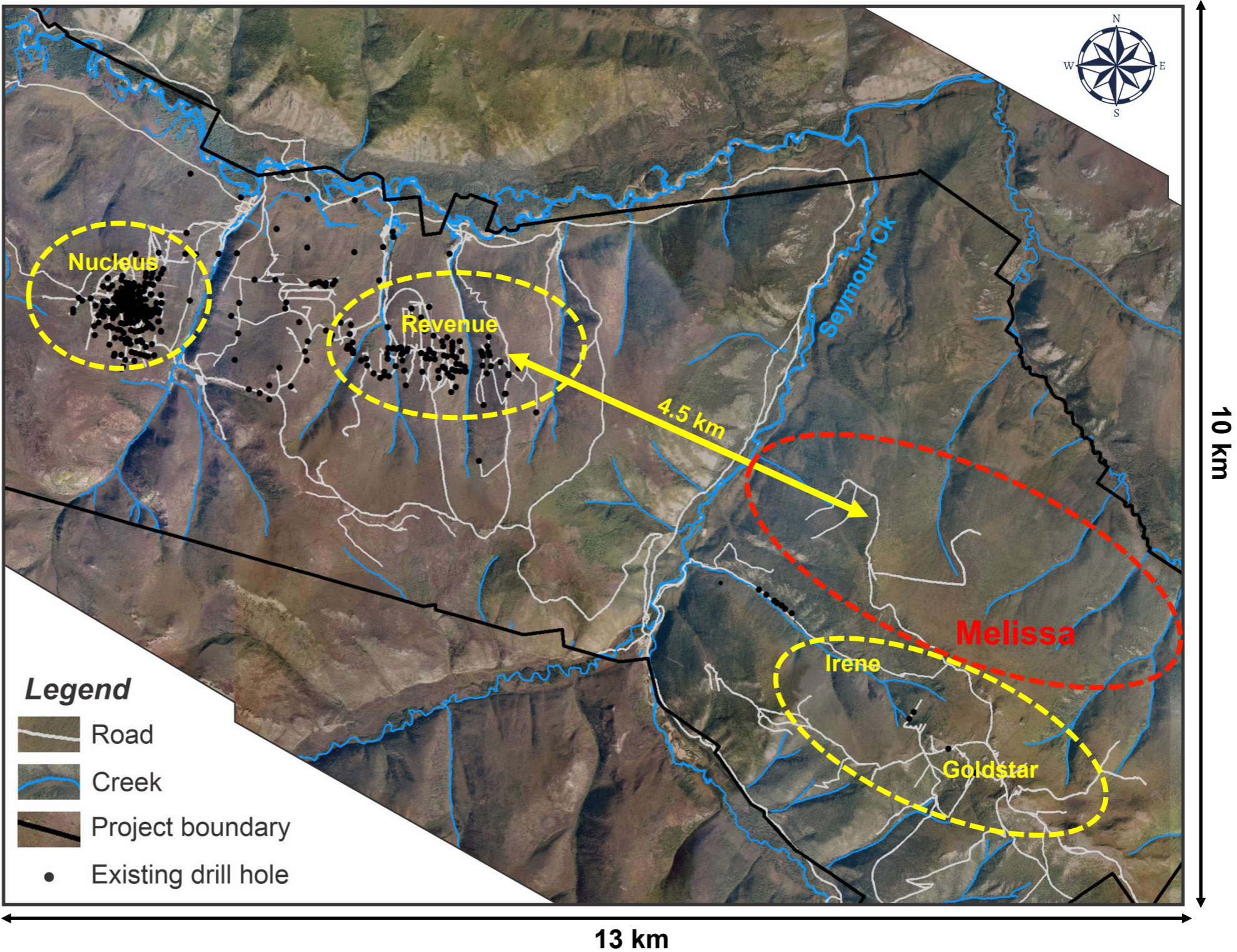
Tinta Deposit Inferred Mineral Resource (0.35 g/t AuEq pit-constrained cutoff, 1.8 g/t AuEq U/G cutoff) <sup>2</sup>							
	Tonnes (M)	AuEq g/t	Au g/t	Cu %	Ag g/t	Pb %	Zn %
Pit Constrained	0.89	3.01	1.09	0.18	42.5	0.72	1.47
Underground	1.3	3.13	1.43	0.16	46.3	0.56	1.17

# Gold-Silver Epithermal Signature at the Melissa Zone

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## New Opportunity for Discovery

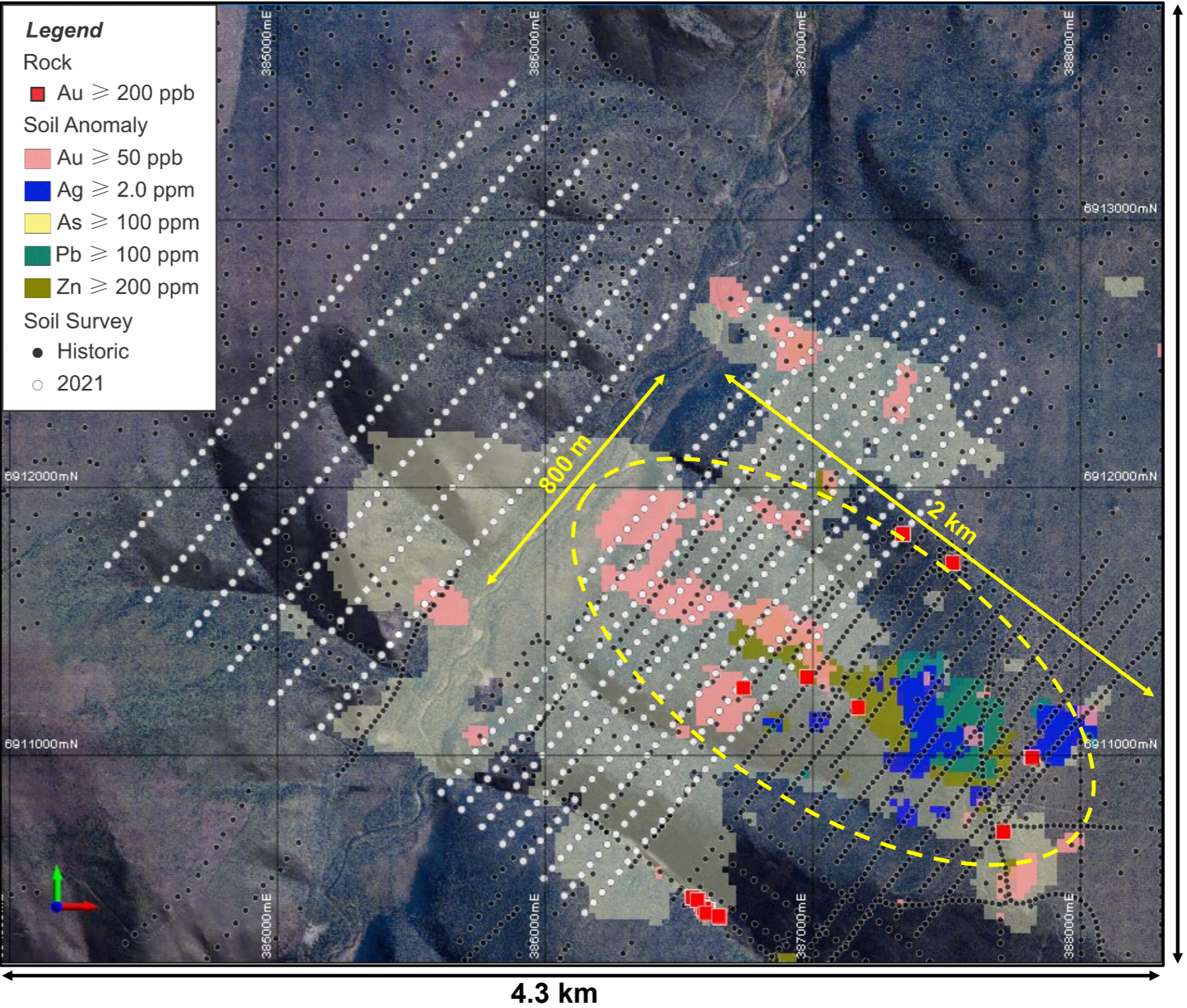
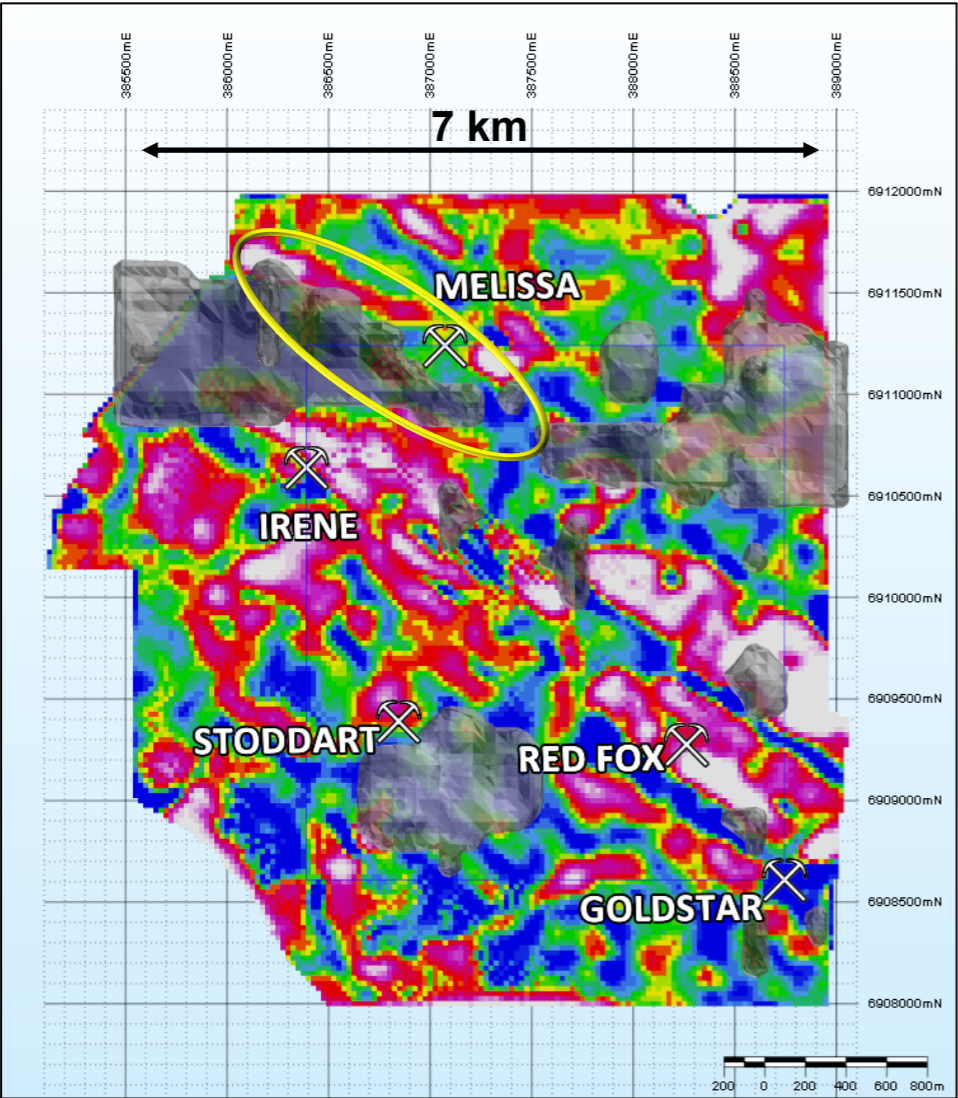
- No Drilling to Date
- New Road Access
- Surface Indicators Support Drill Targeting
- Nucleus Analogue



# Melissa Zone

## Drill Ready Target

- Anomalous Au in Rock
- Multi Element Soil Anomaly (Au, Ag, As, Pb, Zn)
- 2021: 37 Line-km Soil Survey (results pending)
- 2021: 100 Line-km Ground Magnetic Survey and Inversion
- Coincident Geochemical and Geophysical Targets



# Andalusite Peak – Regional Geology

## In the Prolific Golden Horseshoe

### Red Chris (Newcrest)

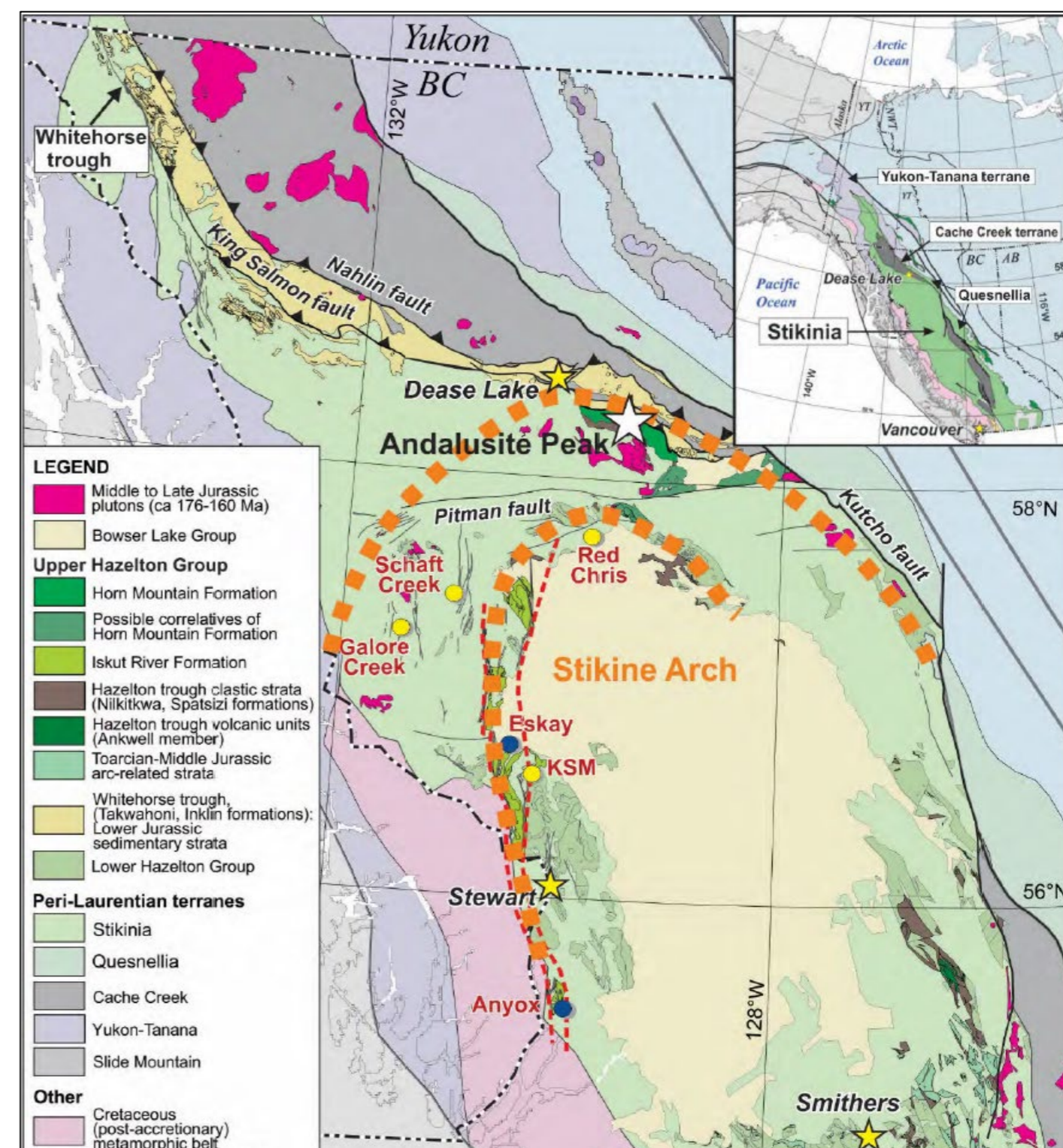
- M&I Resource = 980 MT @ 0.41 g/t Au and 0.38% Cu (U/G & OP) <sup>1</sup>
- Cu-Au porphyry
- Upper Triassic Stuhini Group Volcanics
- Late Triassic to Early Jurassic Diorite to Monzonite Intrusions
- Areal Footprint: 2.5 km x 1.5 km <sup>2</sup>

### Galore Creek (Teck/Newmont)

- M&I Resource = 287 MT @ 0.27 g/t Au and 0.33% Cu <sup>3</sup>
- Cu-Au porphyry
- Upper Triassic Stuhini Group Volcanics
- Late Triassic to Early Jurassic Diorite to Granodiorite Intrusions
- Areal Footprint: 4 km x 3 km <sup>4</sup>

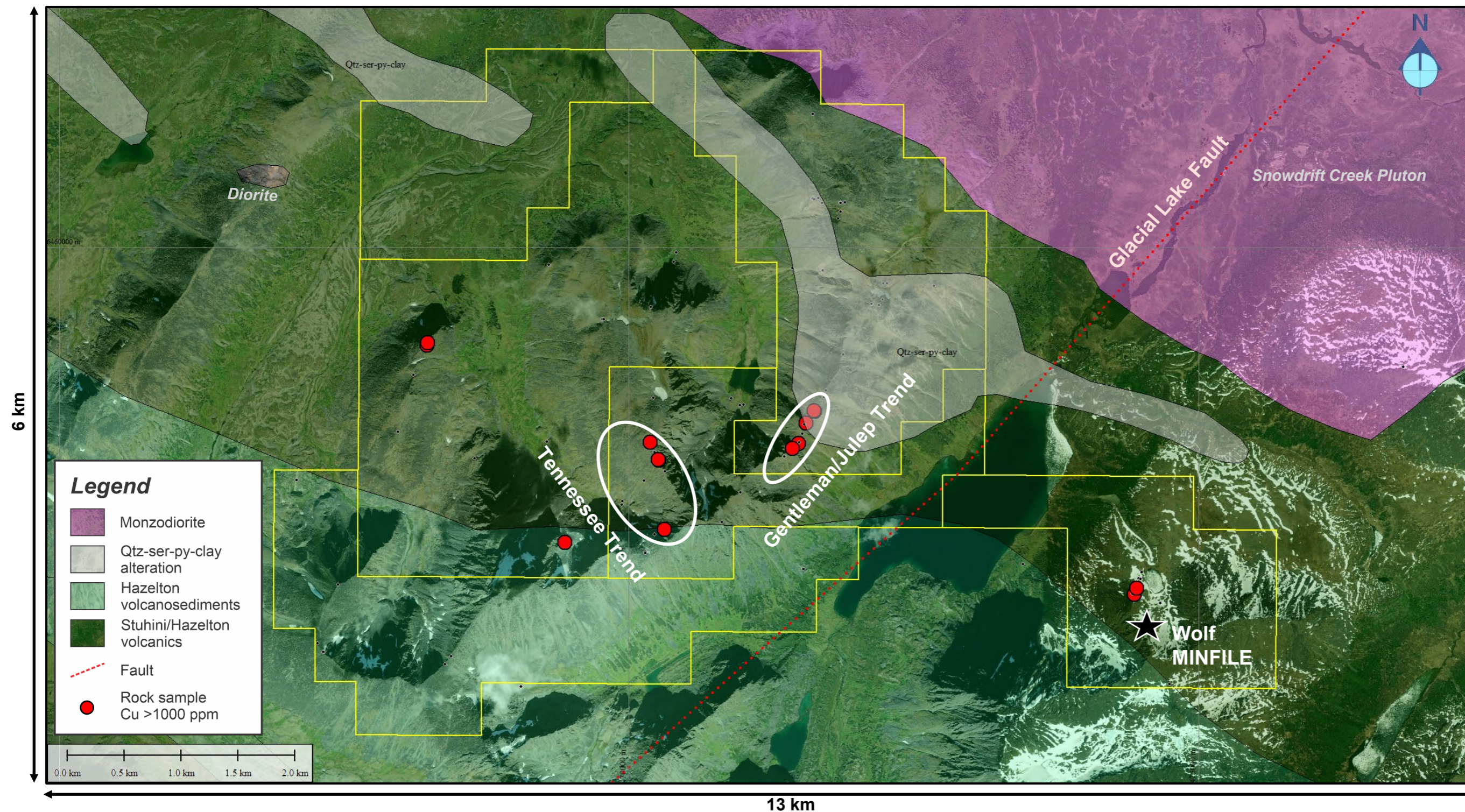
### KSM (Seabridge Gold)

- M&I Resource = 2.98 BT @ 0.52 g/t Au, 0.21% Cu, 2.8 g/t Ag and 54 ppm Mo <sup>5</sup>
- Cu-Au Porphyry
- Upper Triassic Stuhini Group Volcanics
- Lower Jurassic Hazelton Group volcanosediments
- Late Triassic to Early Jurassic Diorite to Quartz Monzonite Intrusions
- Areal Footprint: 8 km x 2 km <sup>6</sup>



# Andalusite Peak - Overview

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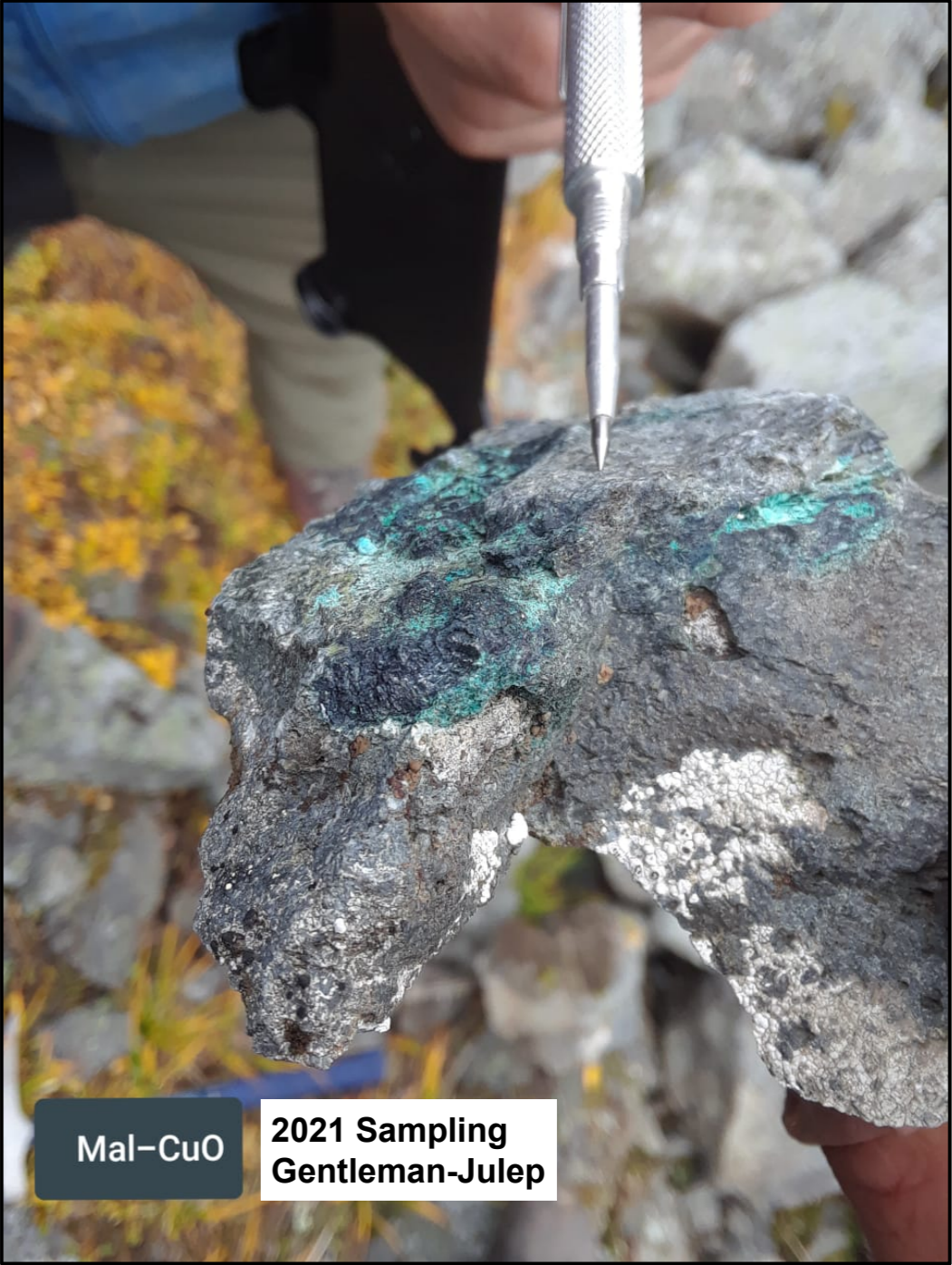


## September 2021: 6-day mapping and sampling program

- Structure and lithology mapping
- Wolf MINFILE
  - Historic sampling grades up to 43.5% Cu, 14 opt Au, 2.19 opt Ag (AR 04498) <sup>1</sup>
  - 30-sample soil survey completed
  - Dioritic intrusives mapped
- Tennessee & Gentleman Julep Trends
  - 2018-2019 sampling grades up to 67% Cu, 500 g/t Ag, and 2.8 g/t Au (AR 30590) <sup>2</sup>
  - Gossan on eastern slope of Gentleman/Julep
  - Following up on float trains and mapping within the cirque

# Andalusite Peak – 2021 Sampling/Prospecting

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