

# Advancing the Freegold Mountain Project

## Dawson Range, Yukon Territory

*Strategic Growth Through Exploration & Development*



*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. Marty Henning, P. Geo., Principal Geologist 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 Bower – Lead Director**

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

## **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

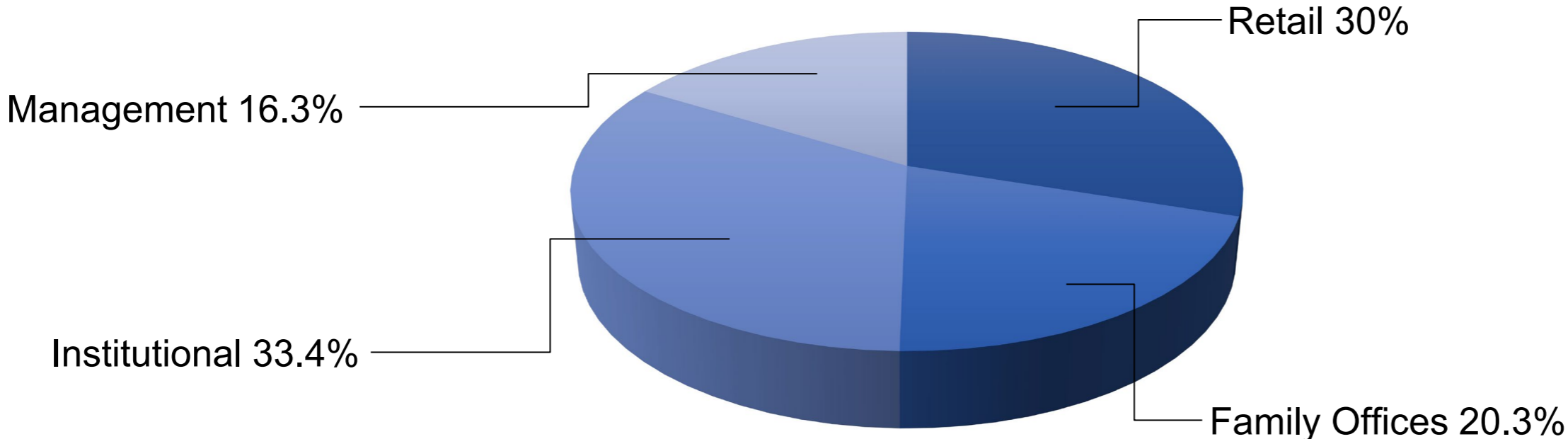
## **Emily Halle, PMP – Project Manager**

- 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



At present, the company has issued a total of 42,455,850 shares. The current stock price is 0.405 CAD per share (2023-12-08), and the total value of market capitalization is \$17.1 million CAD.

**Major shareholders:**

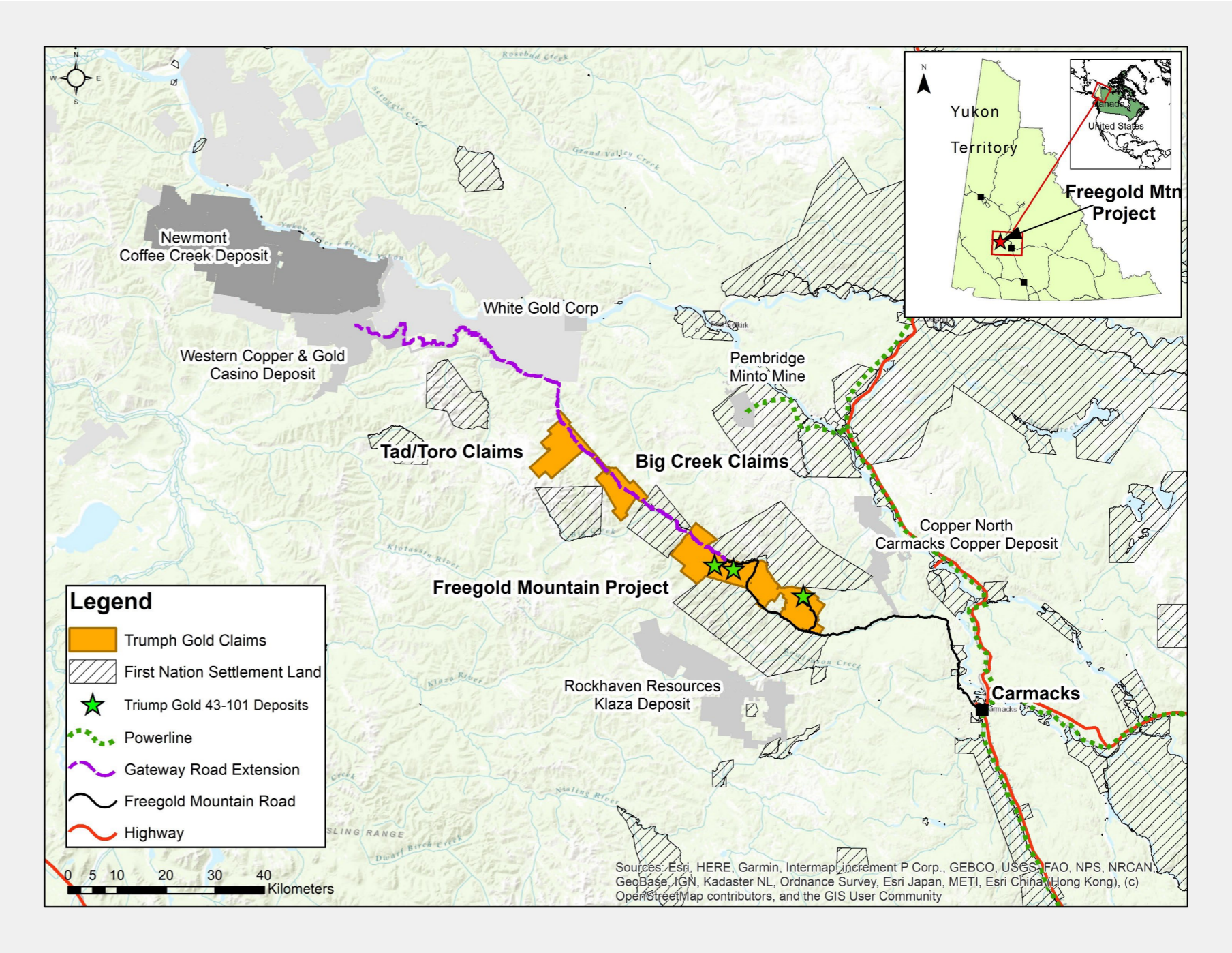
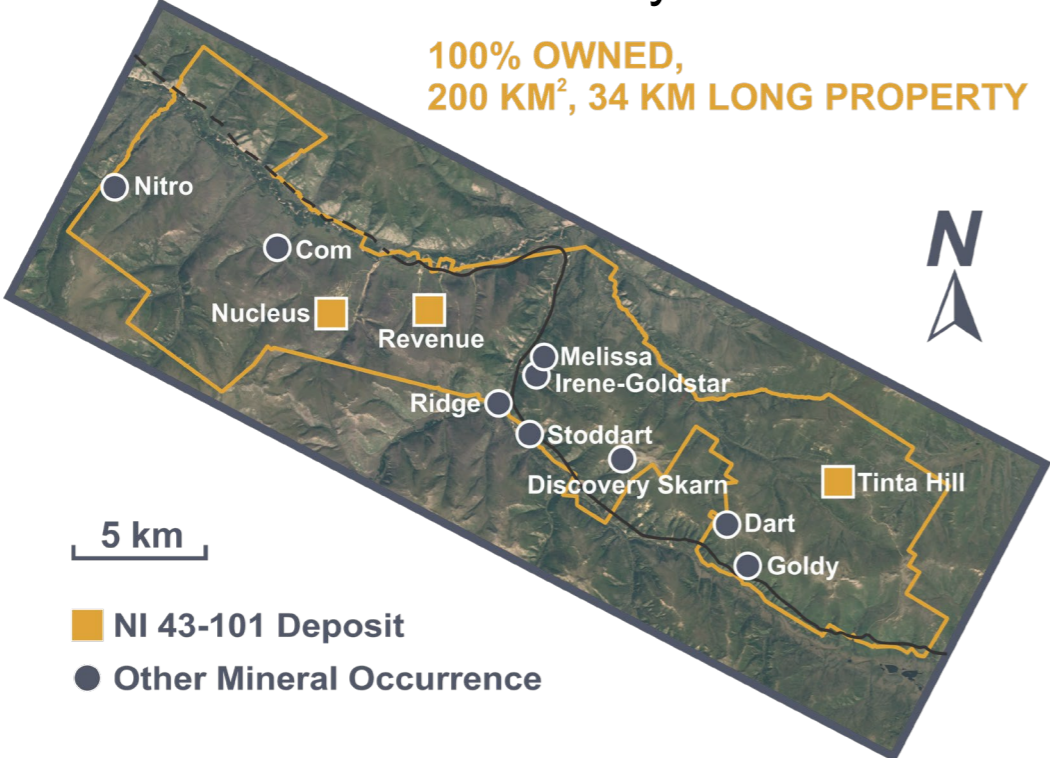


Capital Structure	
42,455,850	Issued and Outstanding
17,604,249	Warrants
870,000	Options
60,930,099	Fully Diluted

# Freegold Mountain Project Overview

**Triumph Gold** is a gold explorer focused on its 100% owned district-sized **Freegold Mountain Project**.

- The project is in the Dawson Range gold-copper belt, host to Newmont's *Coffee Deposit*, Western Copper's *Casino Deposit*, Pembridge's *Minto Mine*, Rockhaven's *Klaza Project* and Granite Creek's *Carmacks Deposit*.
- Accessible on all weather government road
- Over 20 mineralized zones identified along Triumph Gold's 34 km stretch of the prolific Big Creek Fault mineralization system



# Freegold Mountain Project Overview

**Mineralization Hosted in Every Rock Type**

**Paleozoic Metamorphics (YTT) (blue)**

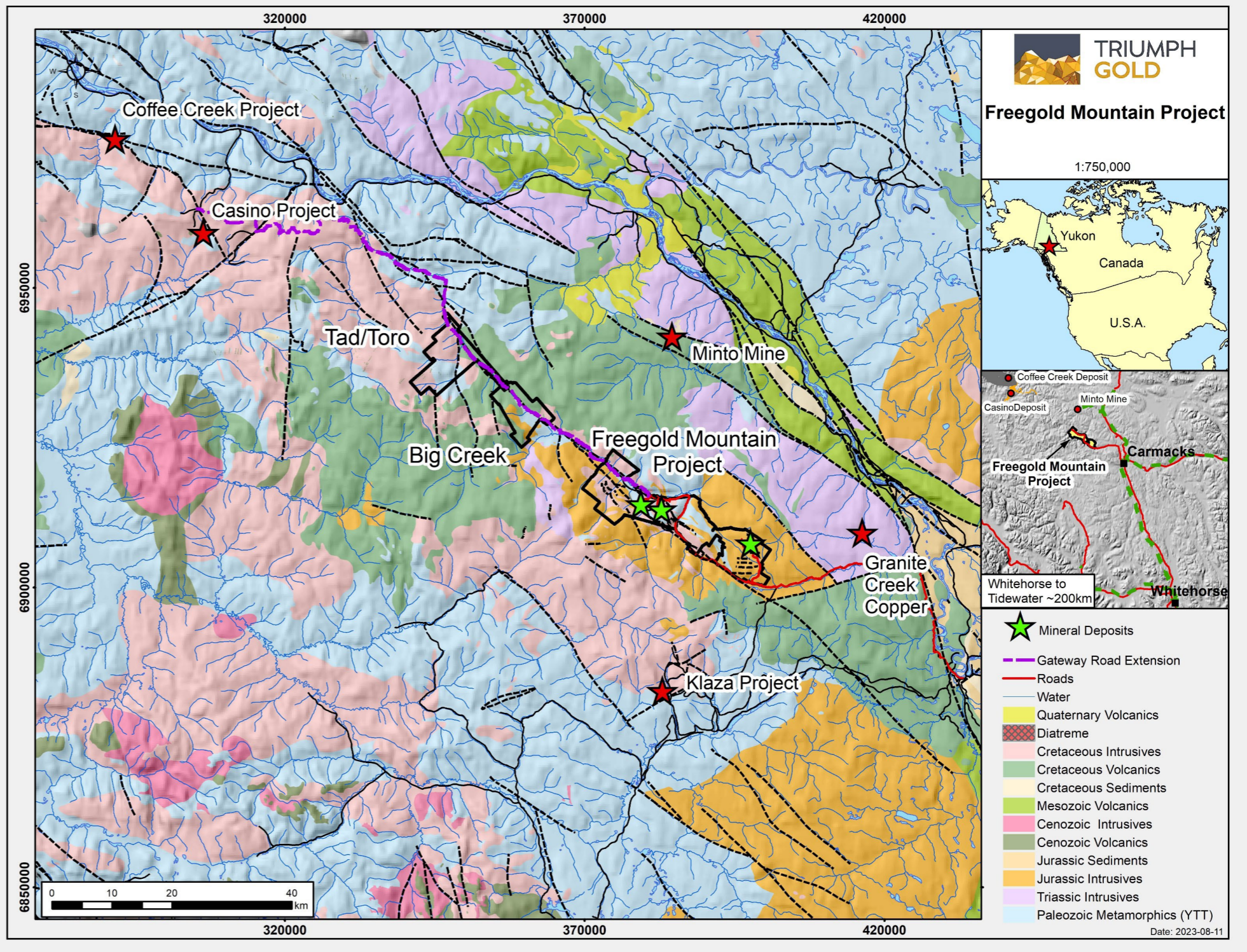
**Lithology:** Snowcap Assemblage: mica schist/gneiss, amphibolite, quartzite, marble  
**Prospects:** Nucleus, Melissa, Irene, Guder, Red Fox, Granger, Combo, Dart, Goldy, and Castle  
**Mineralization:** Skarn (Au-Ag-Cu), Epithermal (Au-Ag-Cu)

**Jurassic Intrusives (orange)**

**Lithology:** Quartz Monzonite to Diorite  
**Prospects:** Tinta Hill, Field, and Com  
**Mineralization:** Polymetallic (Au-Ag-Pb-Zn)

**Cretaceous Intrusives (pink)**

**Lithology:** Granodiorite to Leucogranite, Quartz Feldspar Porphyry  
**Prospects:** Nucleus, Revenue, Granger, Stoddart, Ridge, Nitro, and Cabin  
**Mineralization:** Porphyry( Au-Cu-Ag-Mo), Epithermal (Au-Ag-Cu)



# Mineral Resource Estimate Summary – Freegold Mountain Project

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Deposit	Tonnes (million)	Average Grade								Contained Metal								Cutoff Grade
		AuEq (g/t)	Au (g/t)	Cu (%)	Ag (g/t)	Mo (%)	W (%)	Pb (%)	Zn (%)	AuEq koz	Au koz	Cu Mlbs	Ag koz	Mo klbs	W klbs	Pb Mlbs	Zn Mlbs	
<b>Indicated</b>																		
Nucleus	31	0.75	0.65	0.07	0.7					748	651	44	698	-	-	-	-	Open pit - 0.30 g/t AuEq
Revenue	11.4	0.69	0.38	0.12	2.4	0.02	0.01	-	-	252	140	30	895	4,089	2,082	-	-	Open Pit - 0.30 g/t AuEq
<b>Total Indicated</b>	<b>42.4</b>	<b>0.73</b>	<b>0.58</b>	<b>0.08</b>	<b>1.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,000</b>	<b>791</b>	<b>74</b>	<b>1,593</b>	<b>4,089</b>	<b>2,082</b>	<b>-</b>	<b>-</b>	
<b>Inferred</b>																		
Nucleus	9.4	0.63	0.56	0.04	0.72	-	-	-	-	189	169	9	217	-	-	-	-	Open Pit - 0.30 g/t AuEq
Revenue	27.5	0.77	0.51	0.12	2.5	0.01	0.01	-	-	677	446	73	2,203	5,478	2,867	-	-	Open Pit - 0.30 g/t AuEq UG - 1.0 g/t AuEq
Tinta Hill	2.2	3.08	1.29	0.17	44.7	-	-	0.63	1.29	216	90	8	3,140	-	-	30	62	Open Pit - 0.35 g/t AuEq UG - 1.8 g/t AuEq
<b>Total Inferred</b>	<b>39</b>	<b>0.86</b>	<b>0.56</b>	<b>0.1</b>	<b>4.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,082</b>	<b>705</b>	<b>90</b>	<b>5,560</b>	<b>5,478</b>	<b>2,867</b>	<b>30</b>	<b>62</b>	



# 2021 Freegold Mountain Exploration Summary

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## **6,600 m of Diamond Drilling**

- 3,500 m at Nucleus Targets  
Oxide Au (+/-Ag) Heap Leach Confirmation Study
- 3,100 m at Revenue (Blue Sky & 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:**

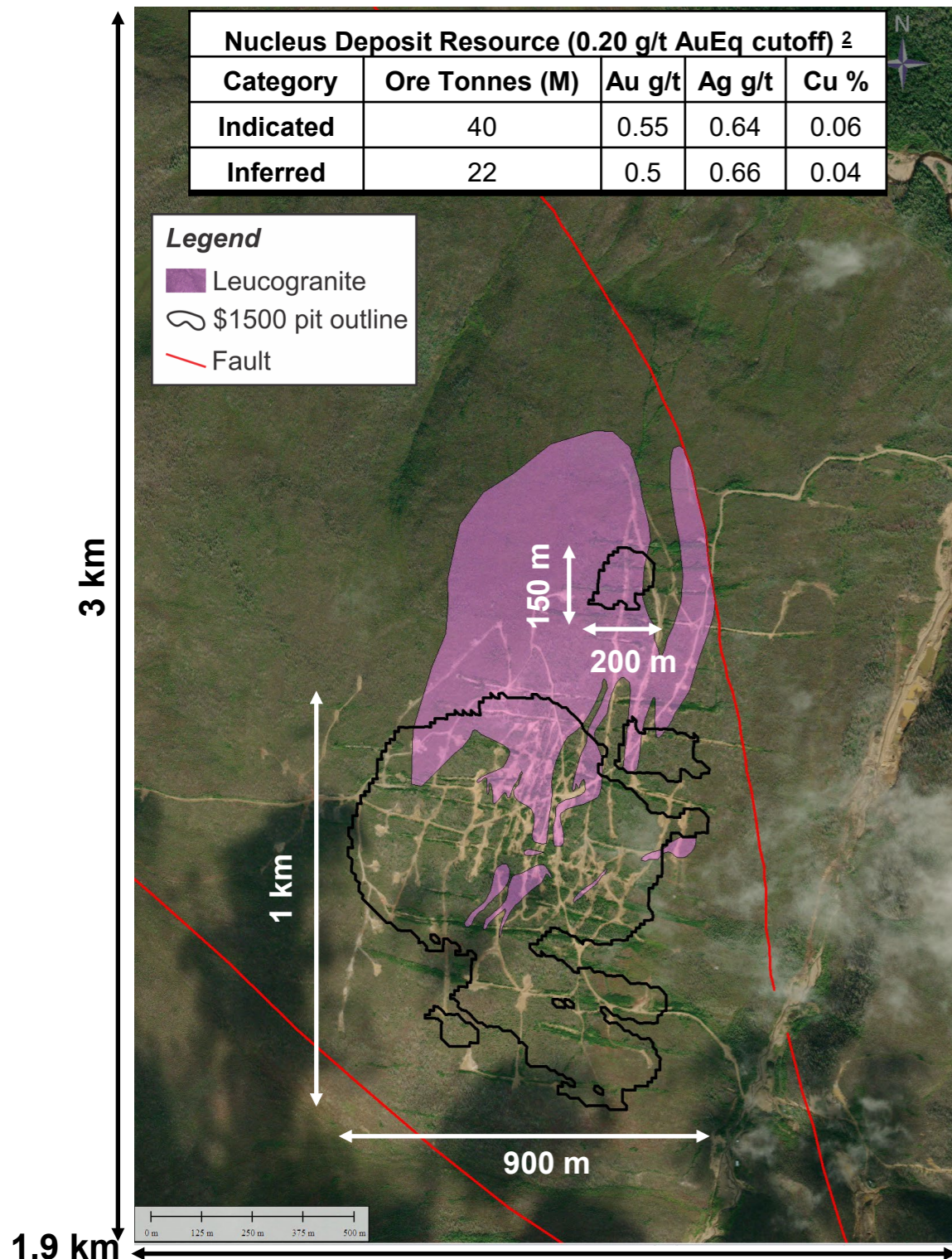
**6-day prospecting / sampling field program**



# Nucleus - Eagle Mine Comparison

## Bulk Tonnage *Oxide Heap Leach Potential...*

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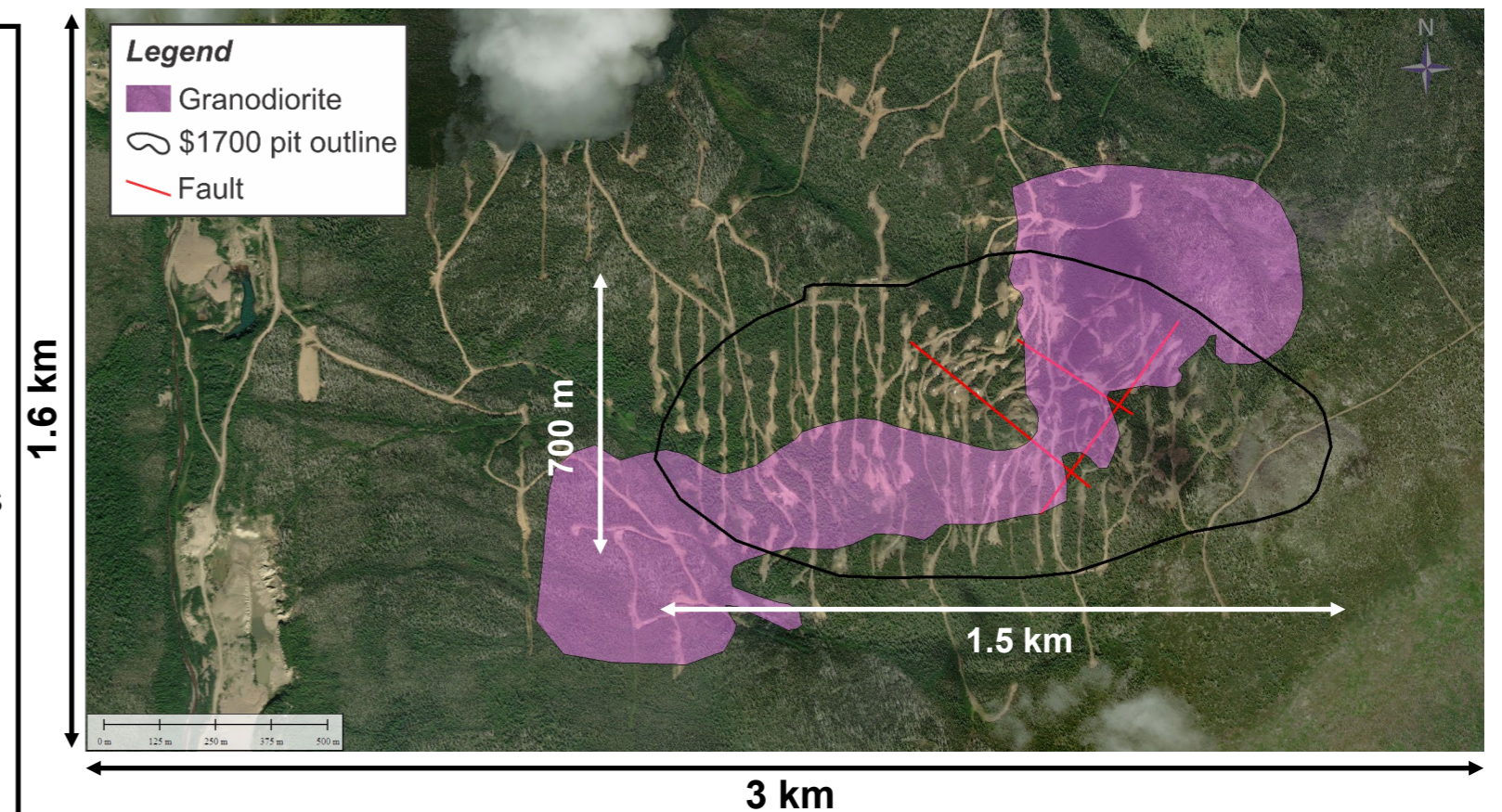


	Nucleus	Eagle
<b>Metres Drilled</b>	60,061	178,489
<b>Number of Holes</b>	359	1,078
<b>CN Recovery</b>	77%*	80%
<b>Number of Samples</b>	122	1,221

\*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**

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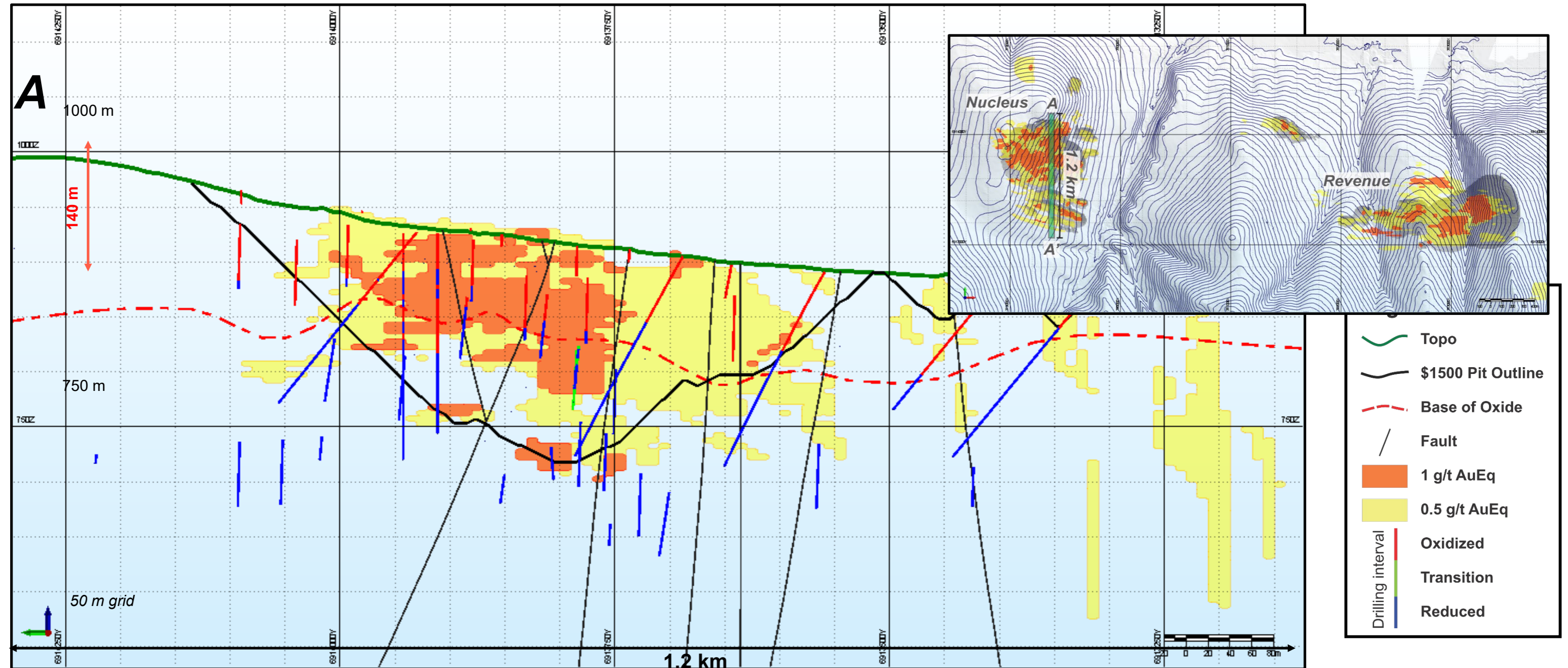
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# Nucleus Deposit Oxidation Interpretation Cross Section 379352mE Looking East

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



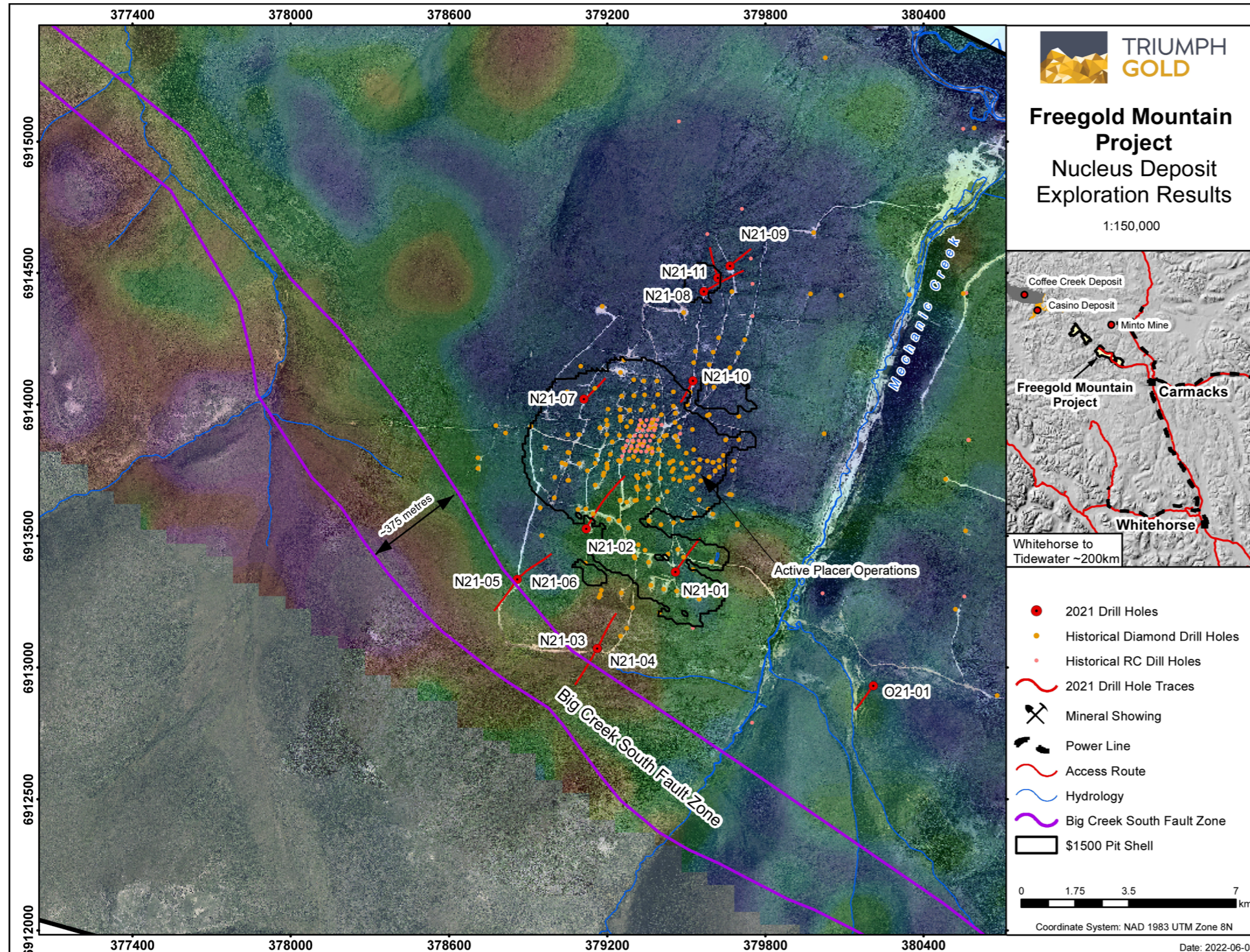
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# 2021 Nucleus Drilling: North, Main, Big Creek South and Orbit

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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 19 m of replacement-style mineralization

### Orbit (O21-01)

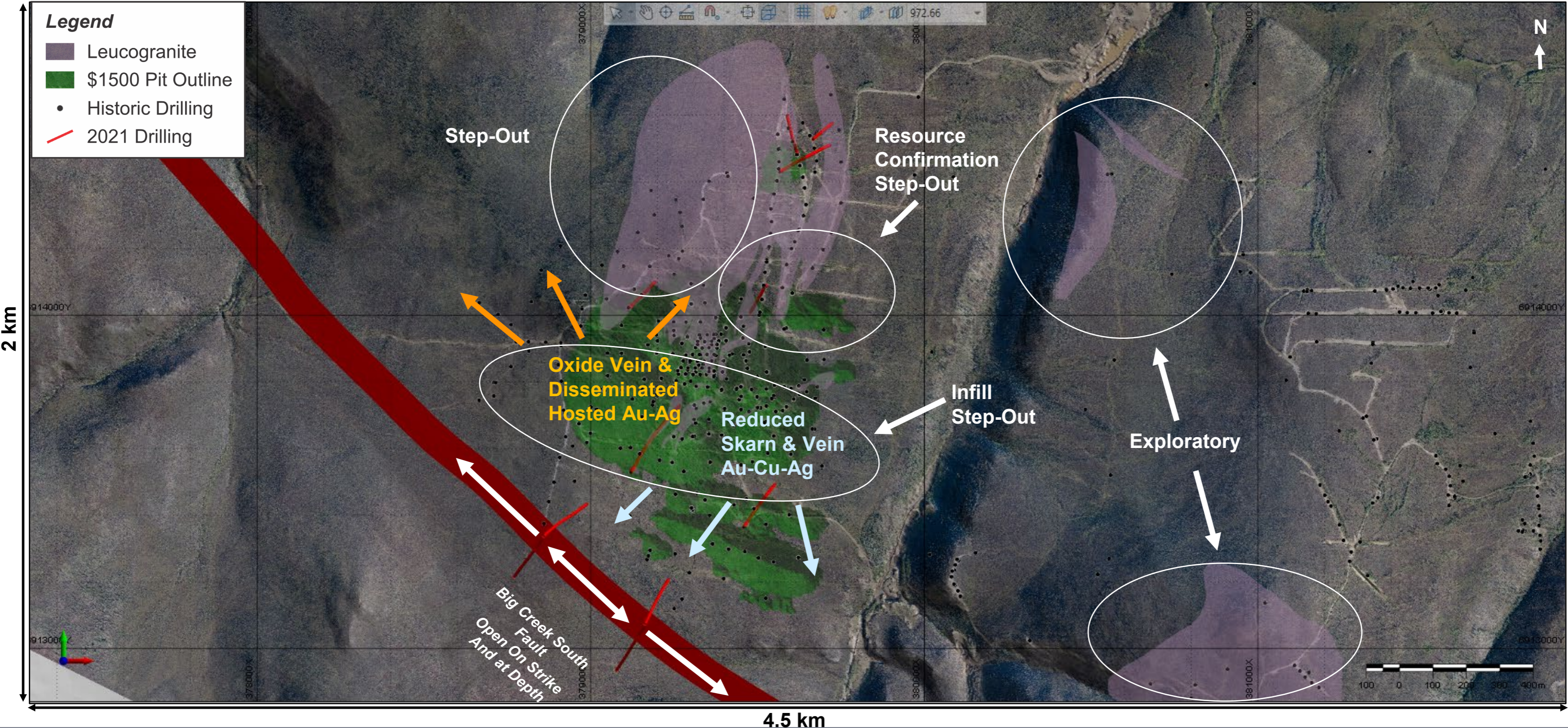
- 242 m diamond drilling (1 hole)
- Maiden hole testing copper mineralization at surface
- Intersected epithermal mineralization

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# Nucleus: Expanding the Resource & Targeting Oxide Gold

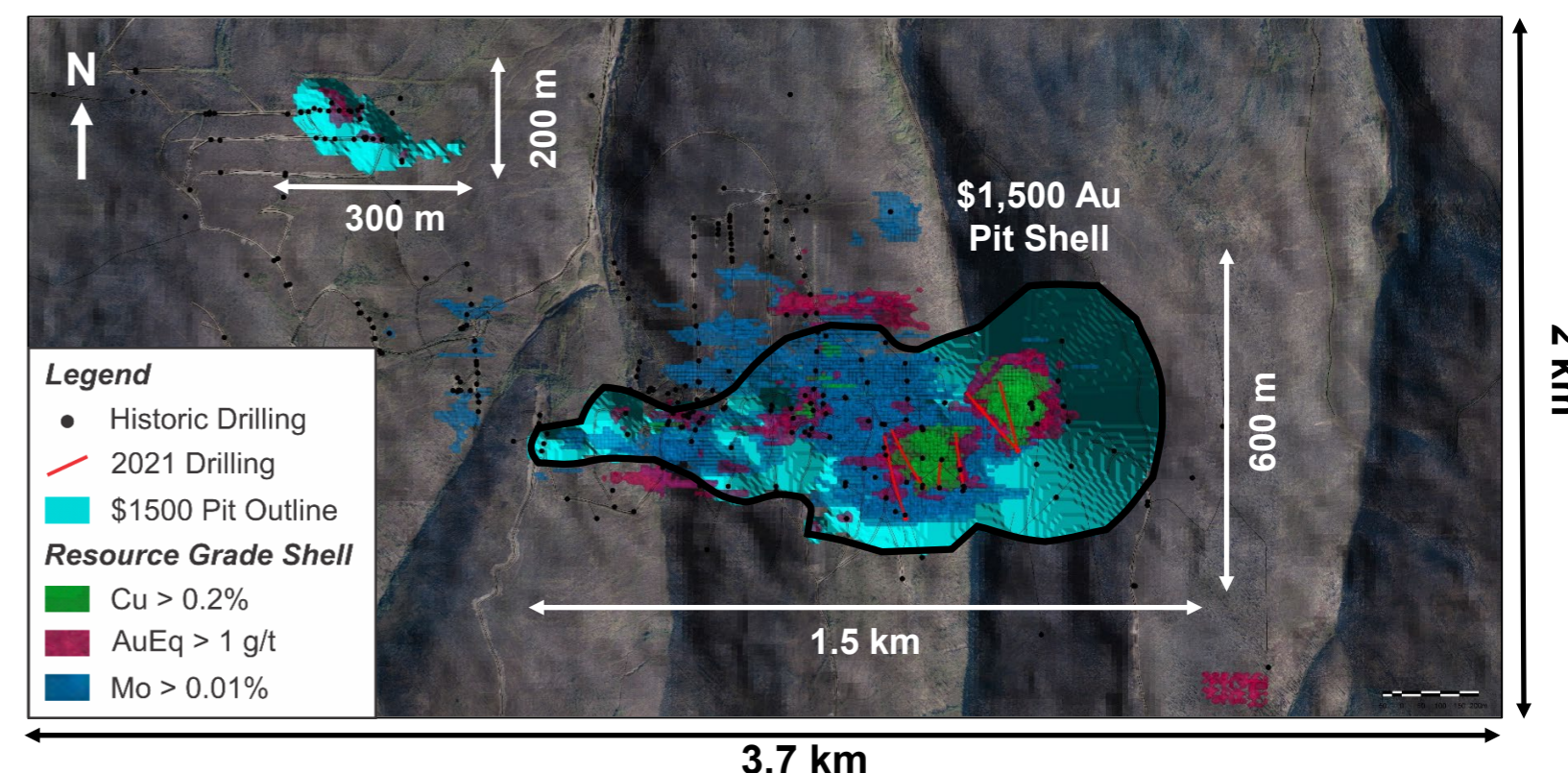
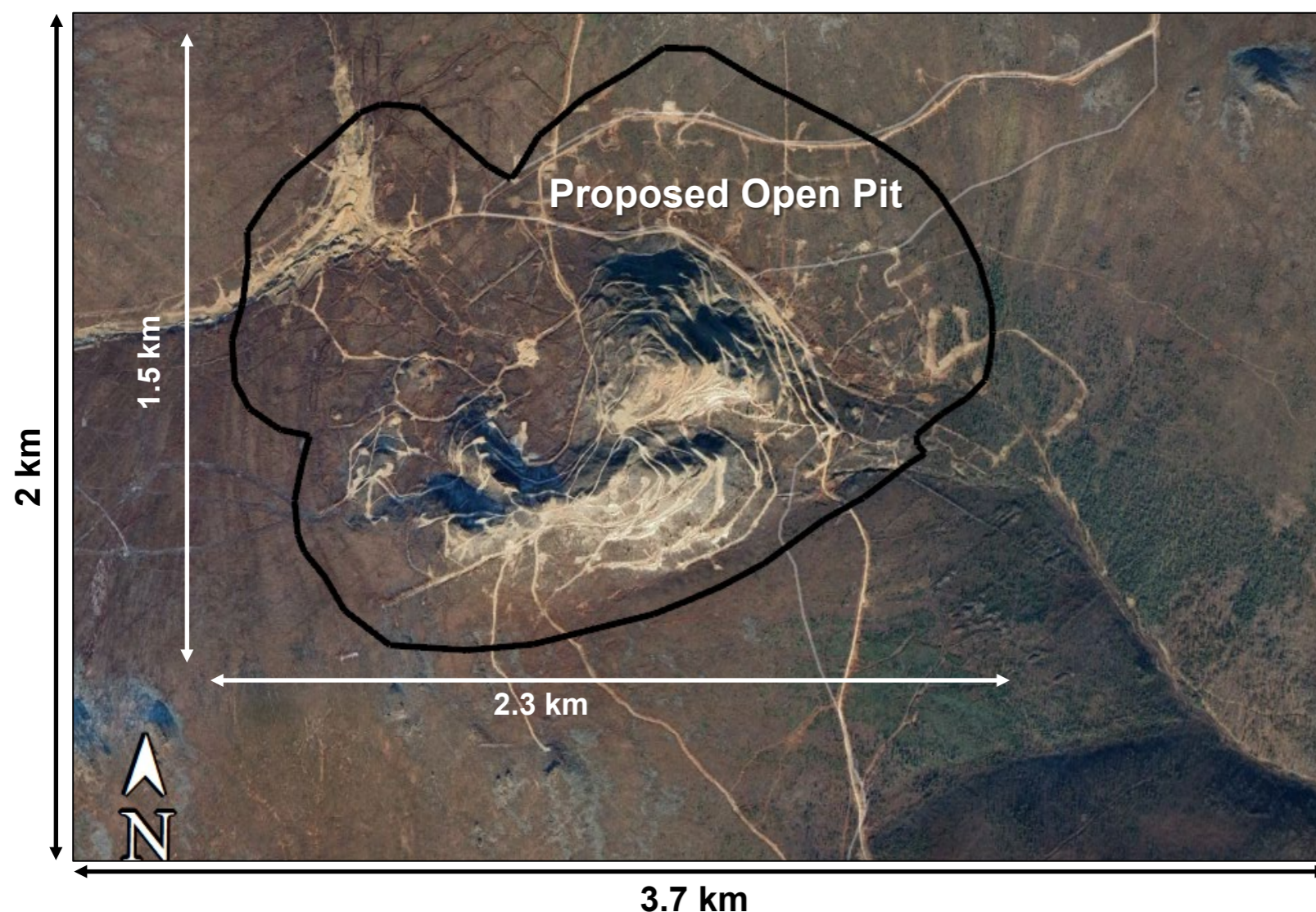


# Revenue – Casino Deposit Comparison

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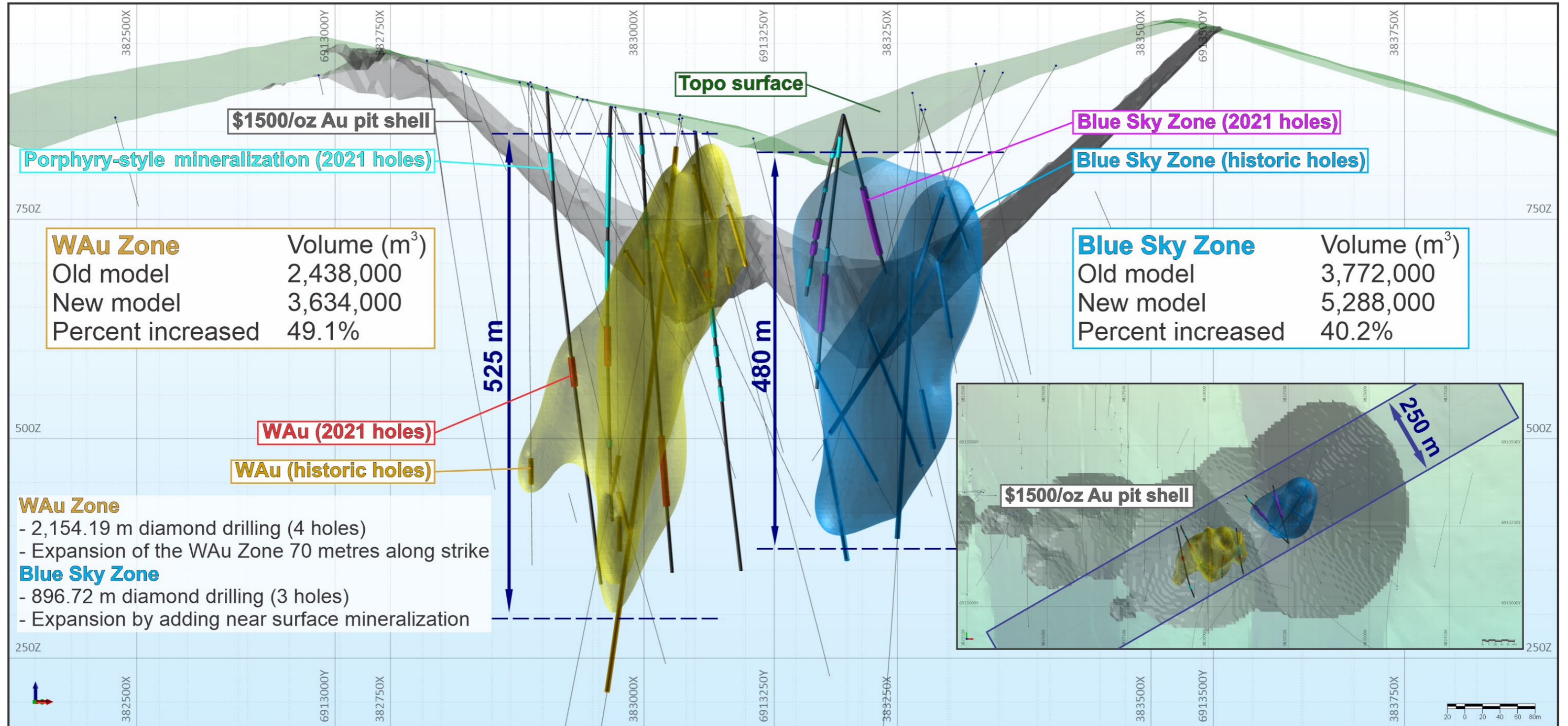
Casino Mill Resource Summary <sup>1</sup>					
Classification	Tonnes Mt	Au g/t	Cu %	Mo %	Ag g/t
Measured + Indicated	2,259	0.18	0.15	0.016	1.5
Inferred	1,371	0.14	0.10		1.1
Meters Drilled/ Number of Holes	116,447			420	

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		



- Double the Gold Grade at Revenue compared to Casino
- Deposits are <100 km apart
- Same Commodities Au, Ag, Cu & Mo
- Oxide Gold Heap Leach at surface and primary hypogene at depth
- Deposits formed in Cretaceous granodiorite intrusive complex proximal to diatreme vent

# Revenue Drilling: Expanding High Grade Zones

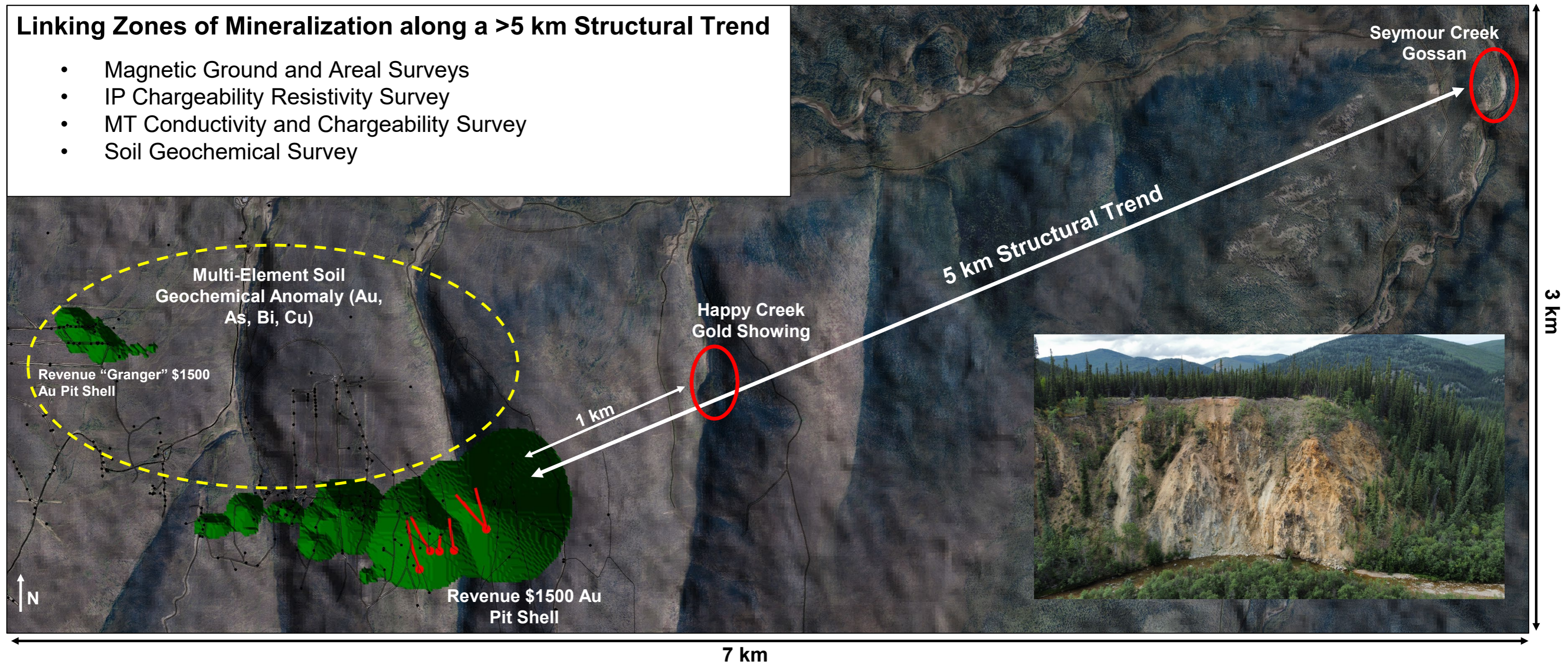


Wireframes were generated using Micromine's implicit modeling tools.

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

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

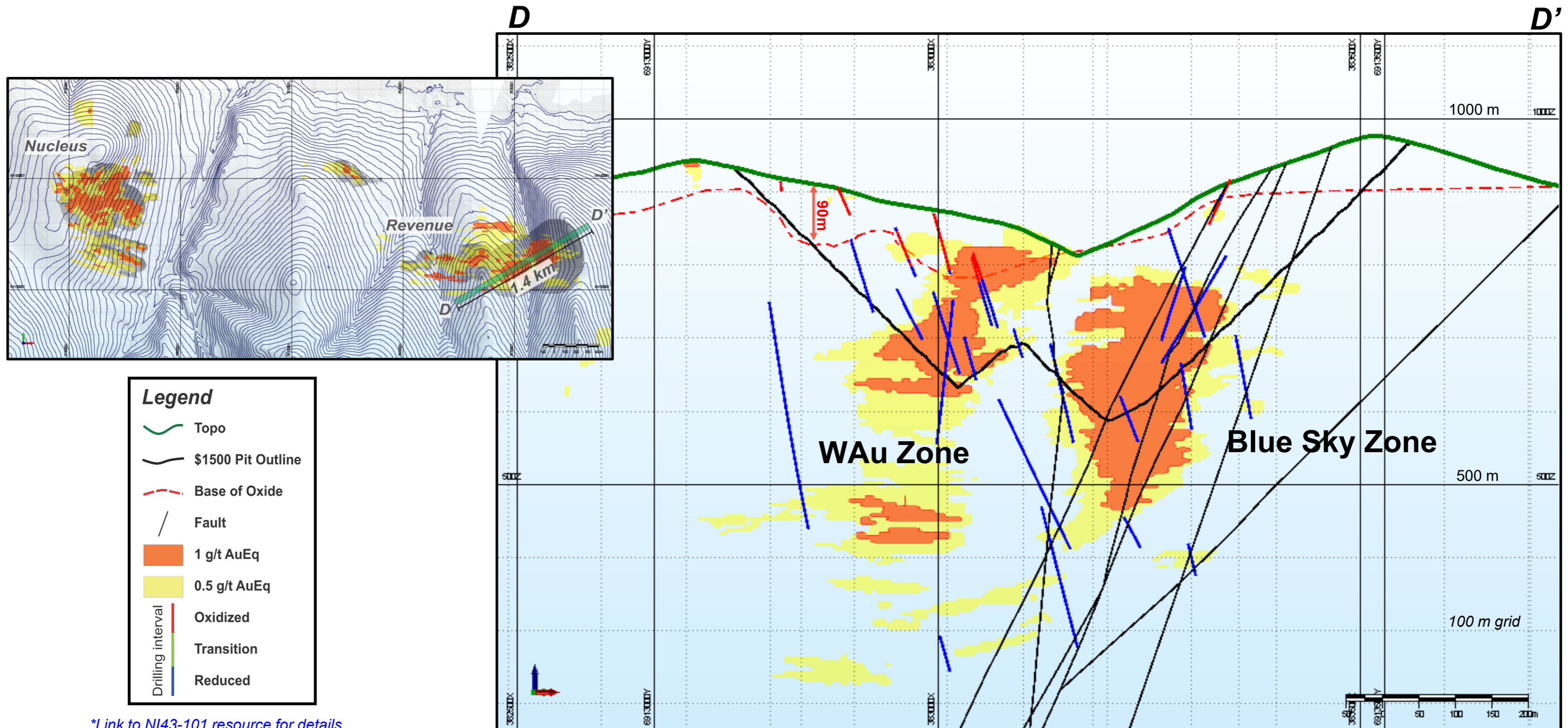
- Magnetic Ground and Areal Surveys
- IP Chargeability Resistivity Survey
- MT Conductivity and Chargeability Survey
- Soil Geochemical Survey





# Revenue Deposit Oxidation Interpretation Cross Section looking Northwest

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

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# Tinta Hill

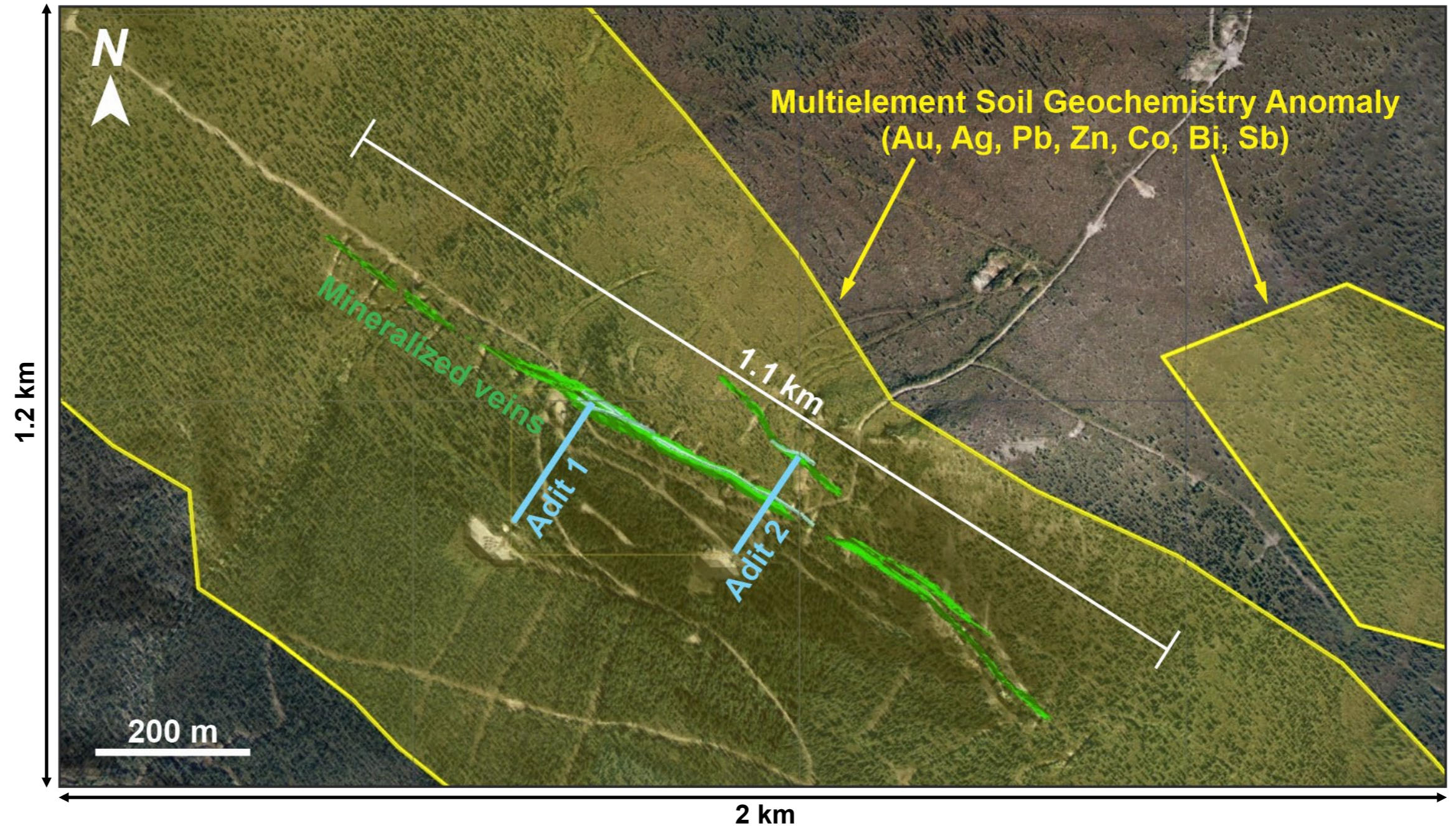


**Adit No. 2**

### 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.

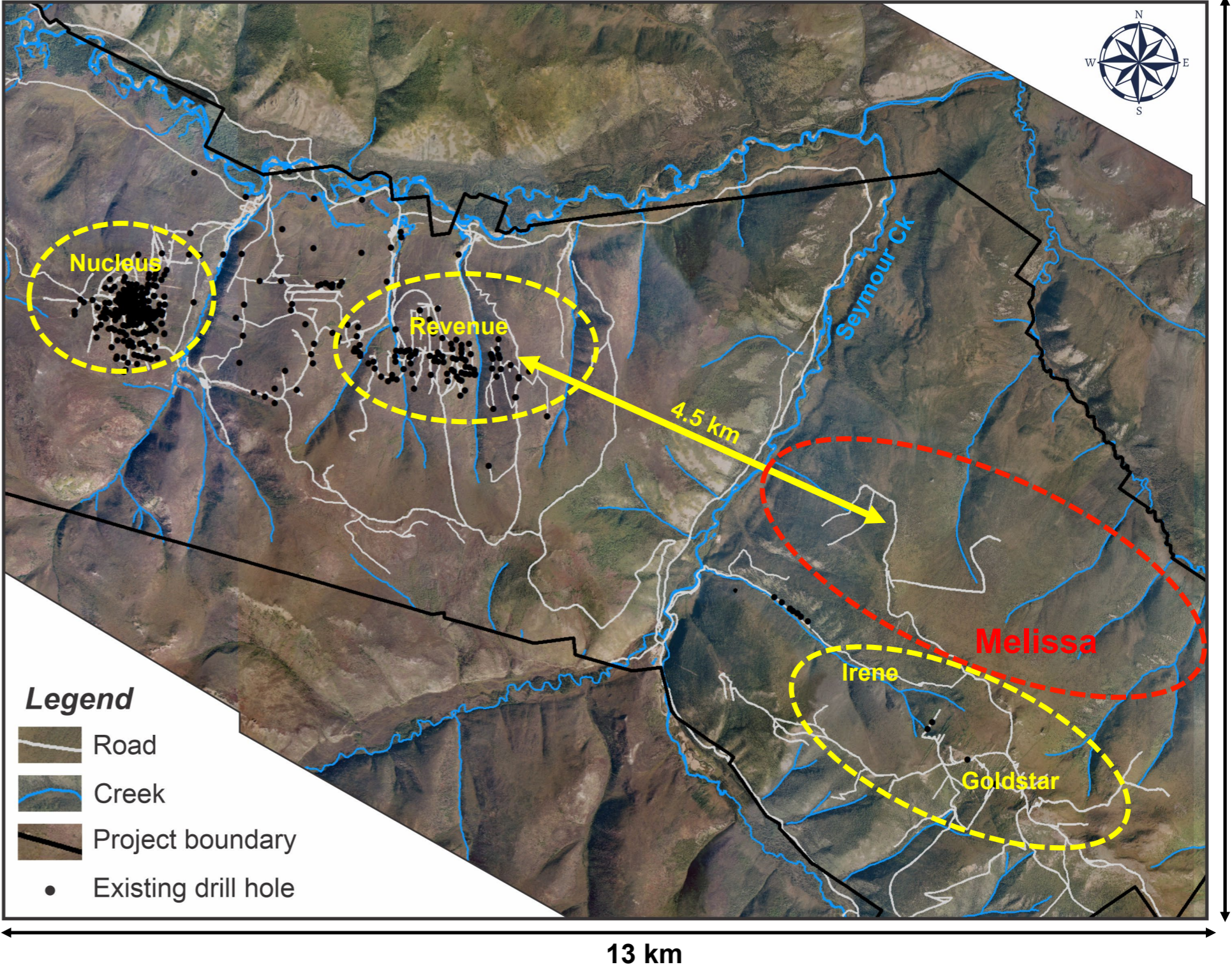


Tinta Deposit Inferred Mineral Resource (0.35 g/t AuEq pit-constrained cutoff, 1.8 g/t AuEq U/G cutoff) <sup>2</sup>							
	Tonnes (M)	AuEq g/t	Au g/t	Cu %	Ag g/t	Pb %	Zn %
<b>Pit Constrained</b>	0.89	3.01	1.09	0.18	42.5	0.72	1.47
<b>Underground</b>	1.3	3.13	1.43	0.16	46.3	0.56	1.17

# Finding the Next Nucleus

## New Opportunity for Discovery

- No Drilling to Date
- New Road Access
- Geochemical and Geophysical Targeting
- Nucleus Analogue

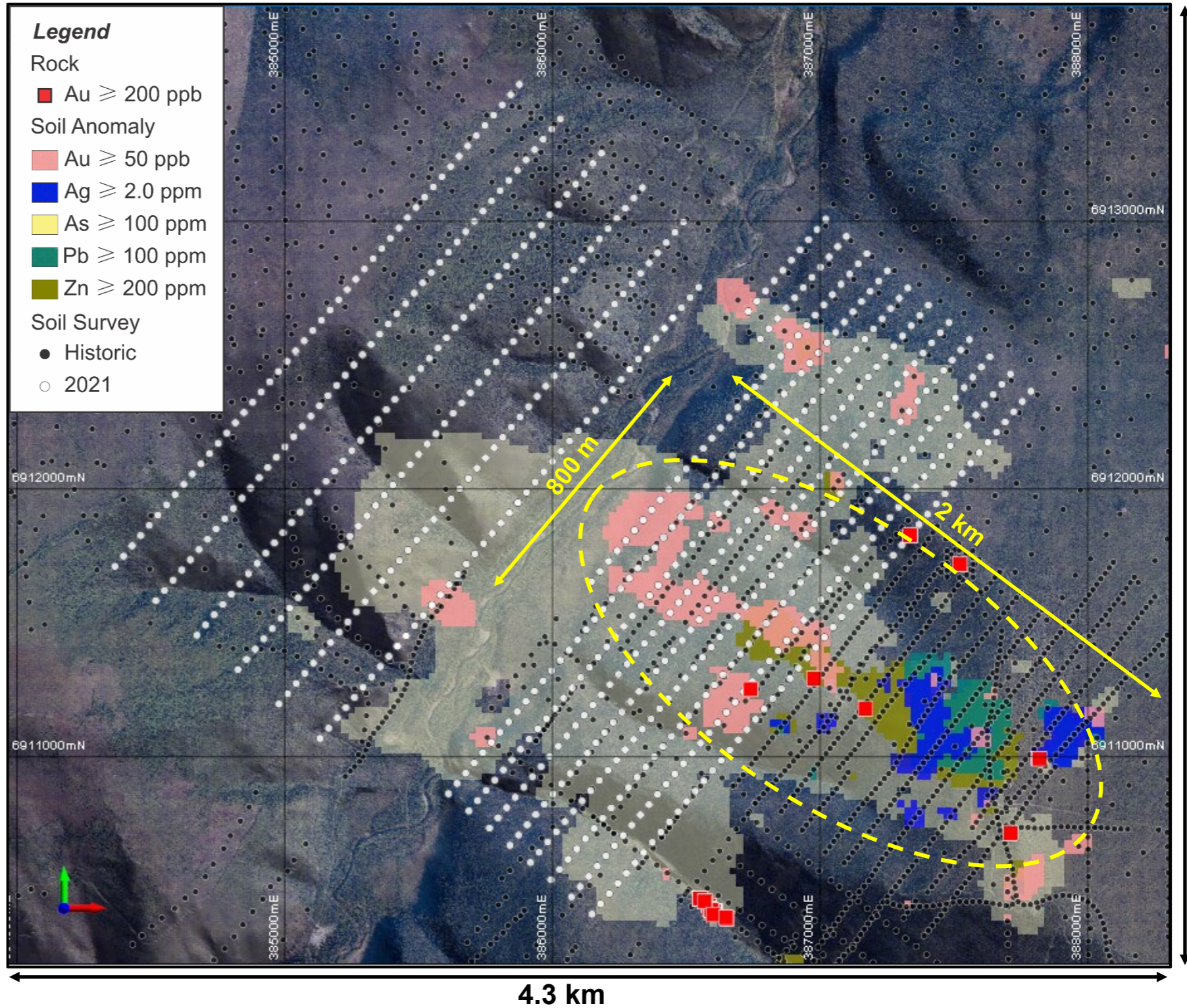
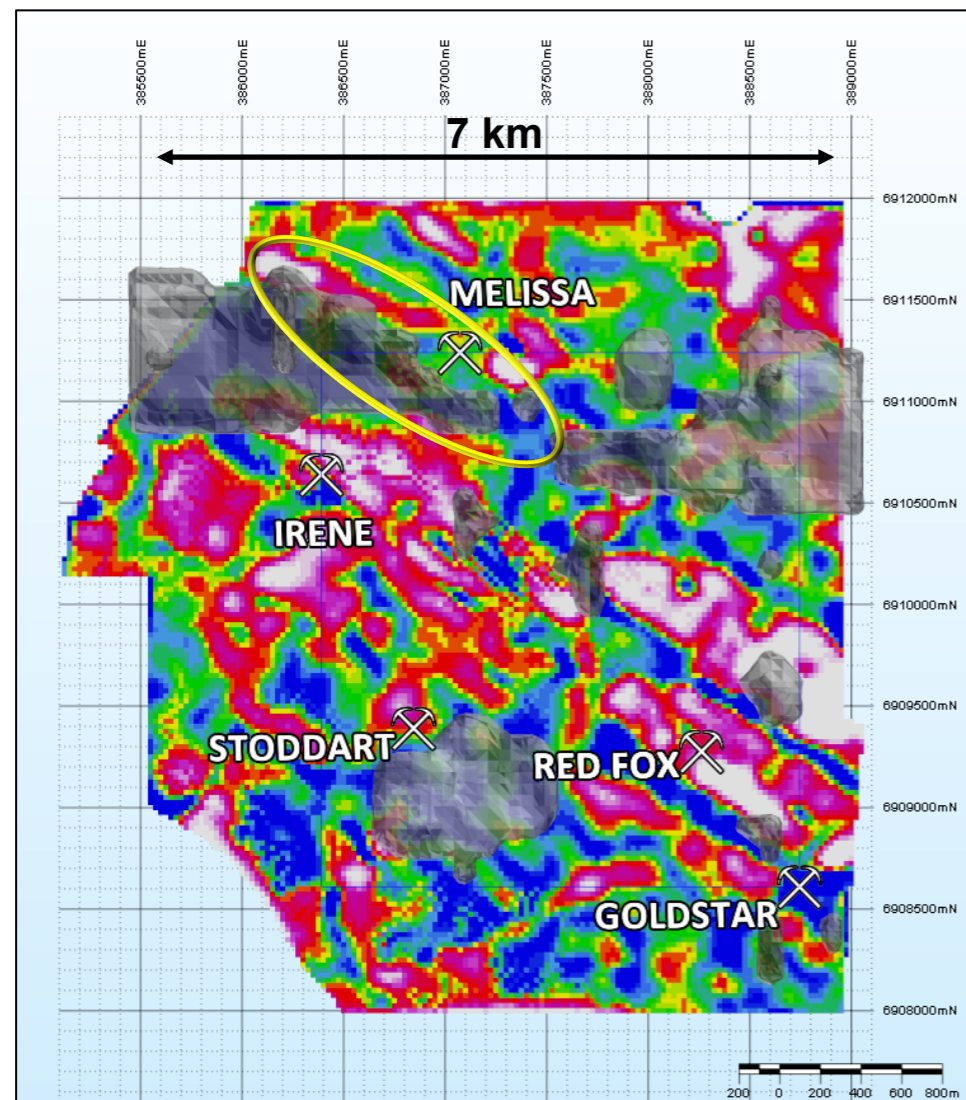
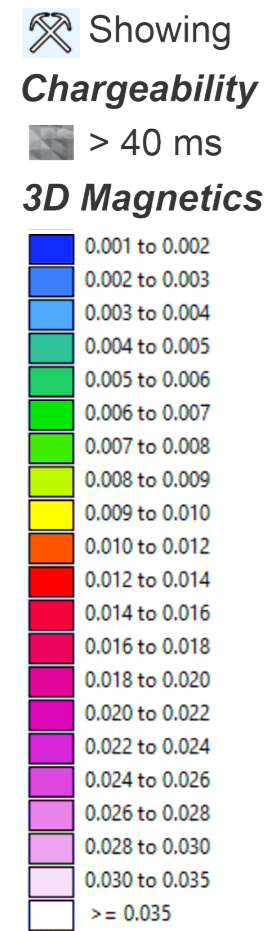


# Melissa Zone – Nucleus Analog

## Drill Ready Target

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

### Legend



# Tad Toro - Big Creek (~50Km SE from Casino)

## Intrusion Related Gold-Silver Mineralization

- Cretaceous Intermediate - Felsic Intrusions
- Big Creek and NE Conjugate Fault Network
- Multiple zones of mineralization
- Multi-element Geochem Signature
- IP and Magnetic Signatures

## Styles of mineralization

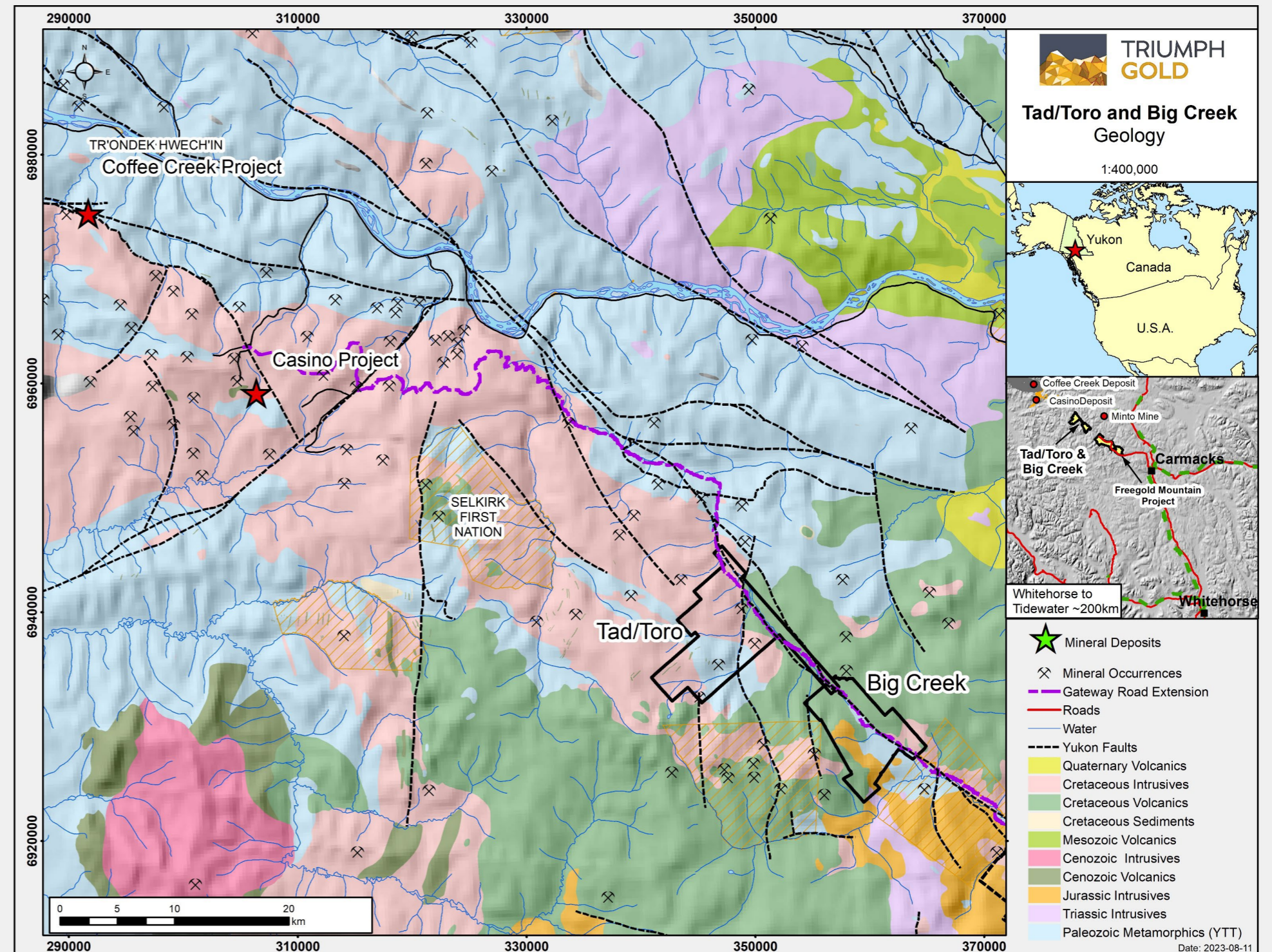
- Diatreme breccia and pipes
- Epithermal Veins
- Porphyry Cu-Mo

## Diamond Drilling

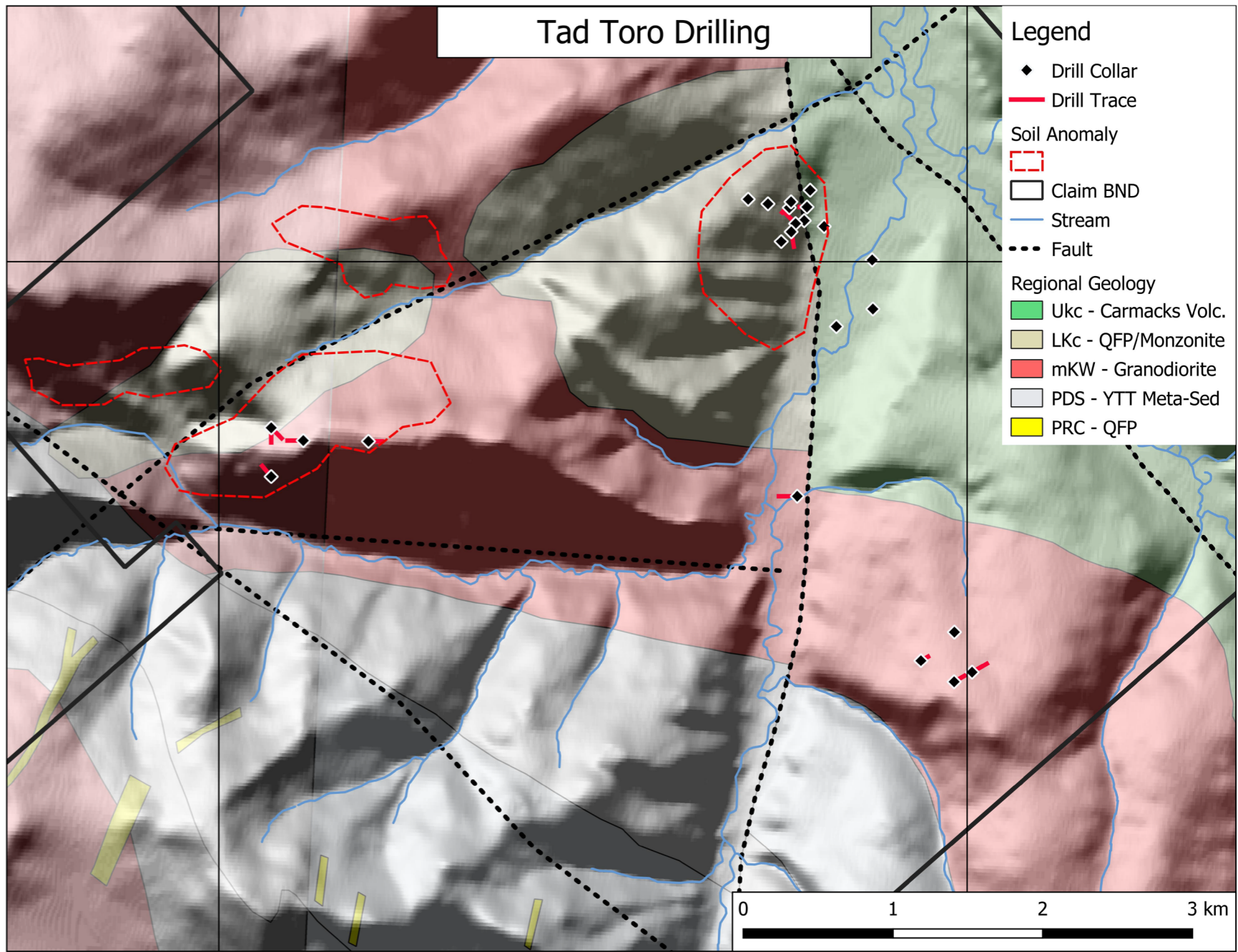
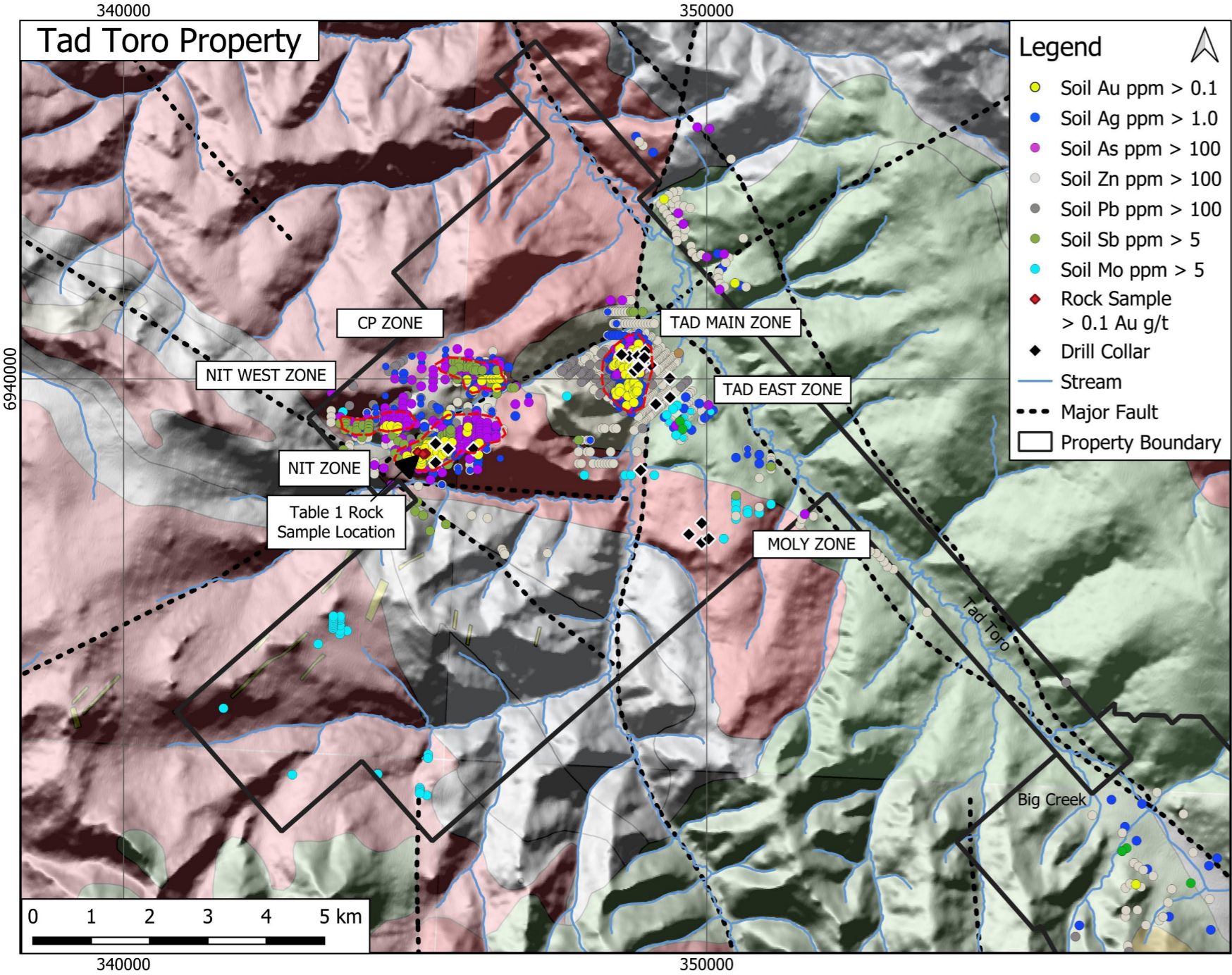
- ~4,600 m in 26 holes
- 18 holes - 1969 & 1970
- 4 holes - 1987
- 8 holes - 2010

## Target Generation Through

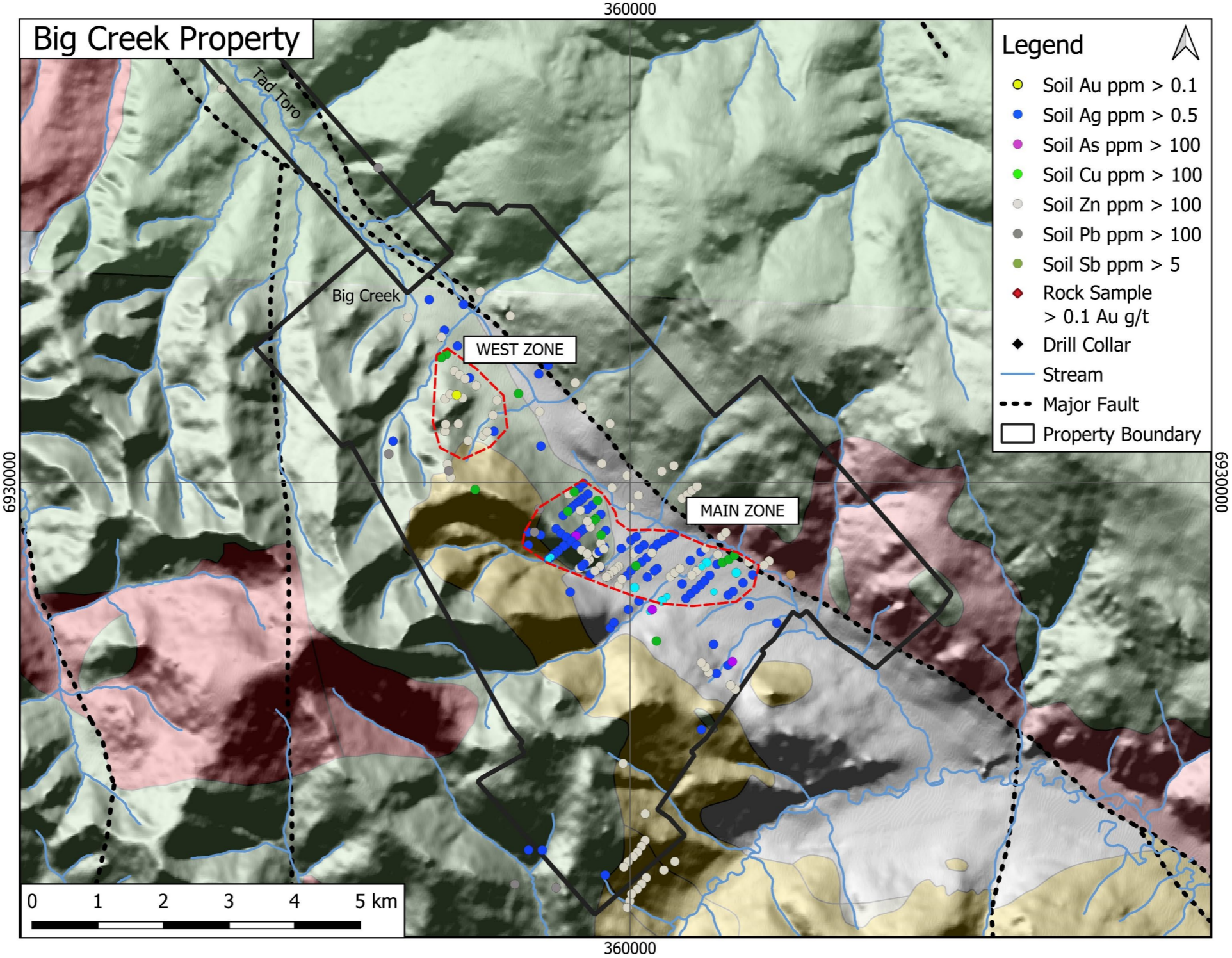
- Follow-up Historical Geochem Anomalies
- Re-log and Sample Historical Drill Core
- Structural Interpretation (Lidar and Geophysics)
- Geochem Interpretation



# Tad Toro Soil Geochemistry and Historical Drilling

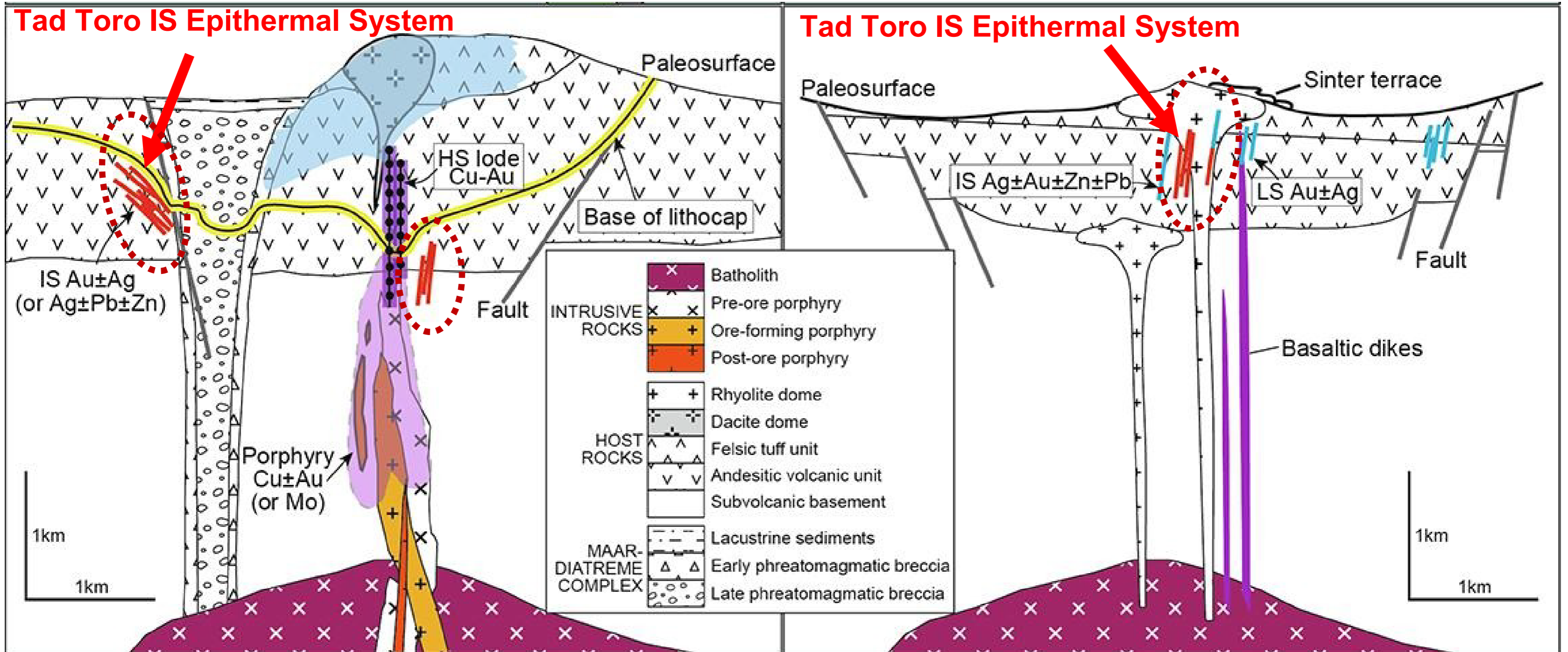


# Big Creek Soil Geochemistry



# Intermediate Sulfidation (IS) Epithermal Model

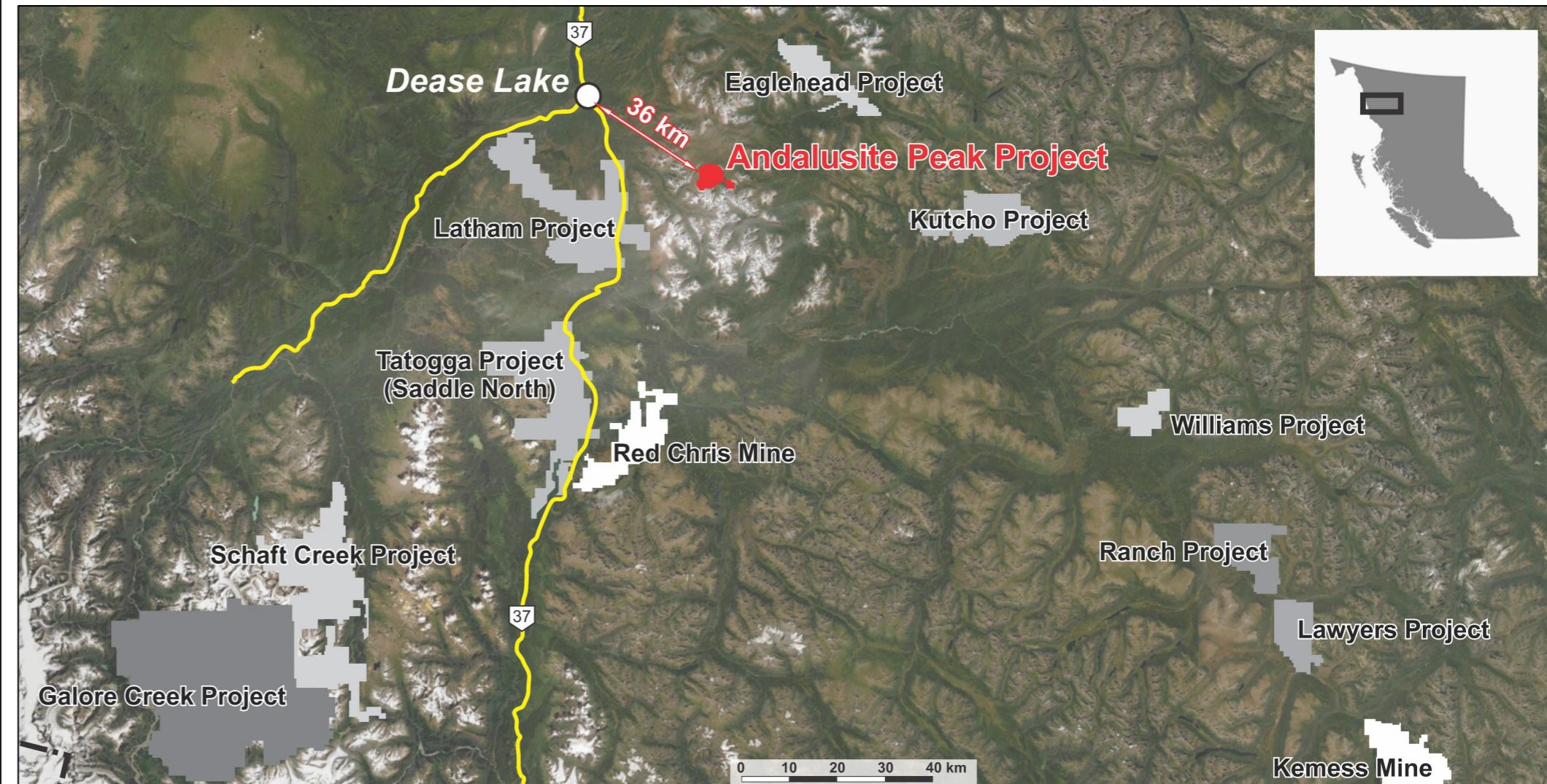
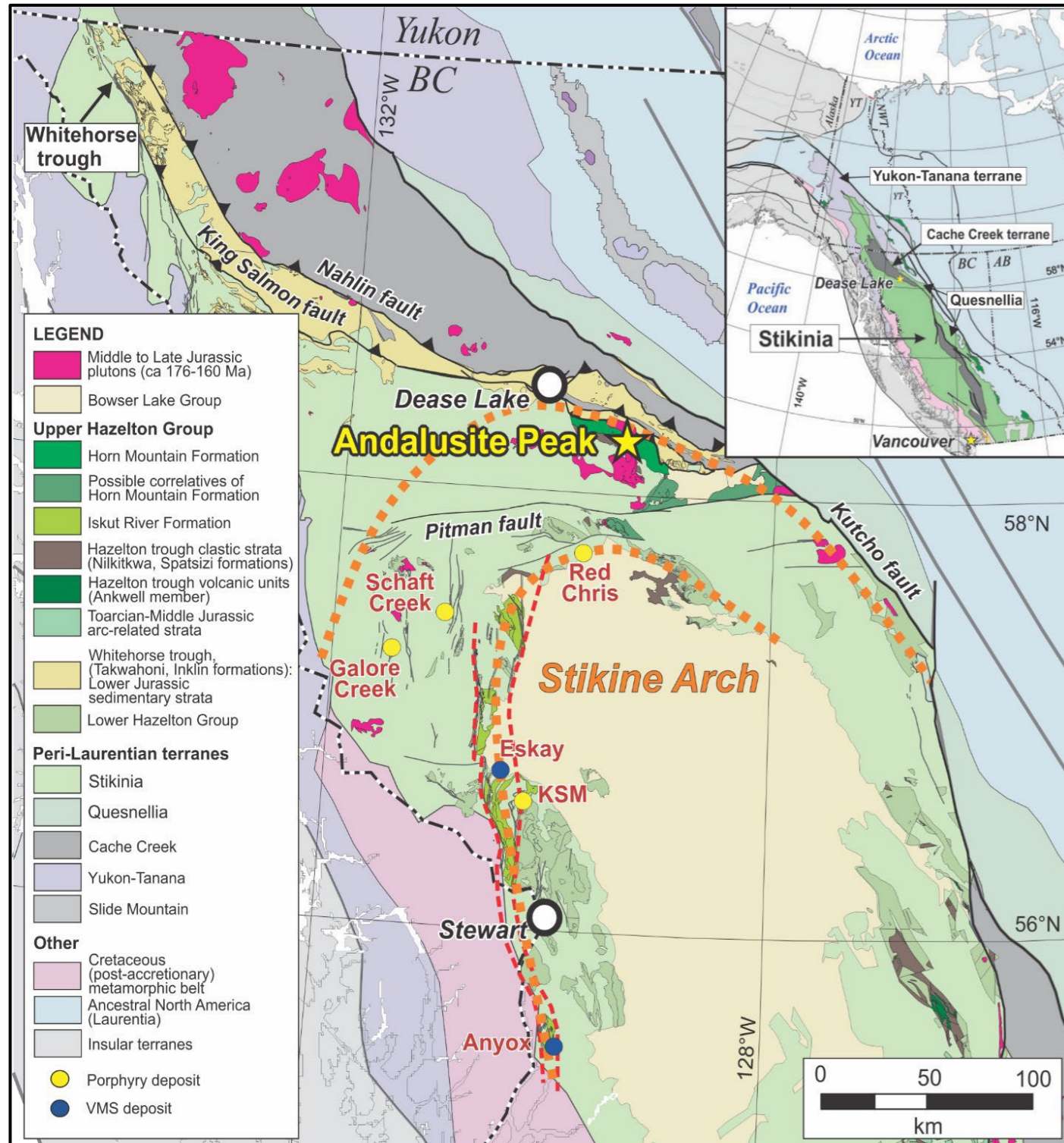
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# Andalusite Peak – Cu-Au-Ag Porphyry (Elephant Country)

- **Cu-Au-Ag Porphyry Model**
- **Jurassic-Triassic Aged Intrusion**
- **Mineralization hosted in Favorable Volcanic units**
- **Structurally Controlled Mineralization**
- **Broad Zones of high-level lithocap Alteration**

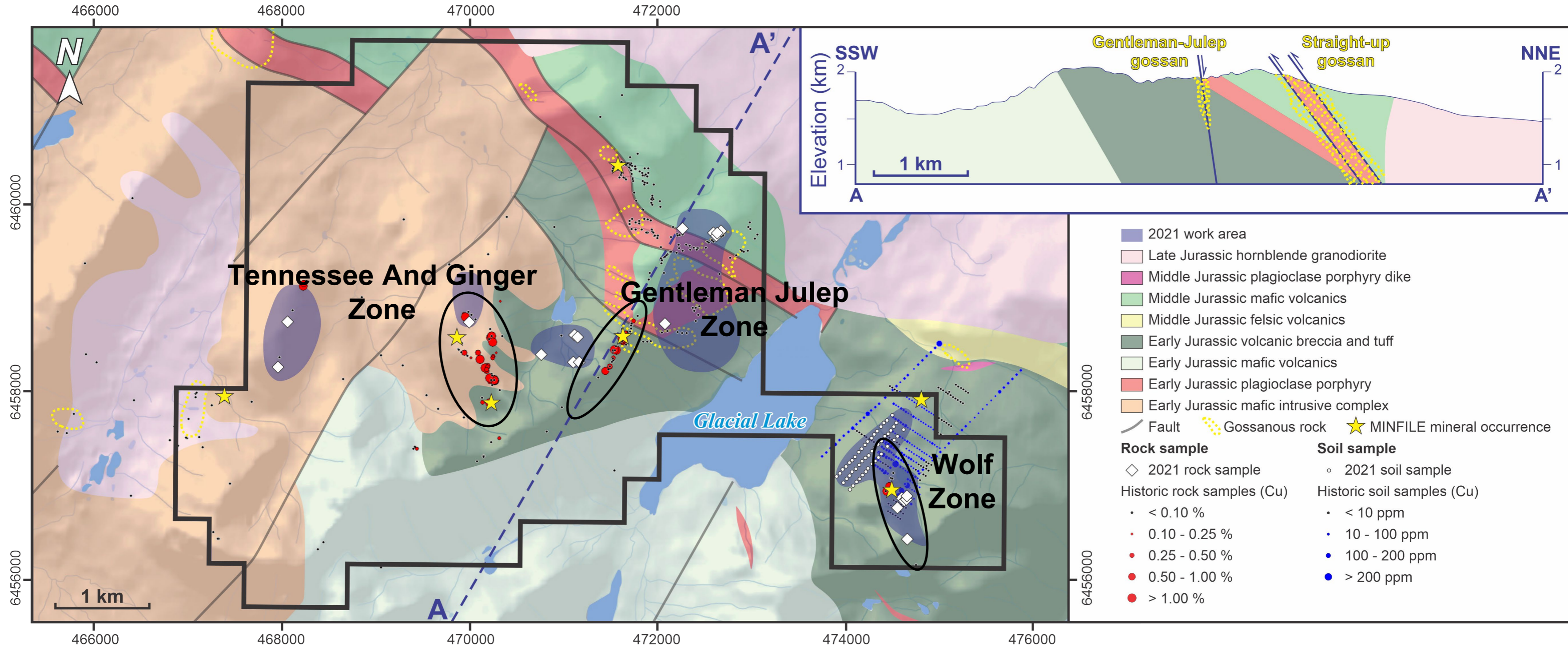


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# Andalusite Peak – 2021 Sampling/Prospecting

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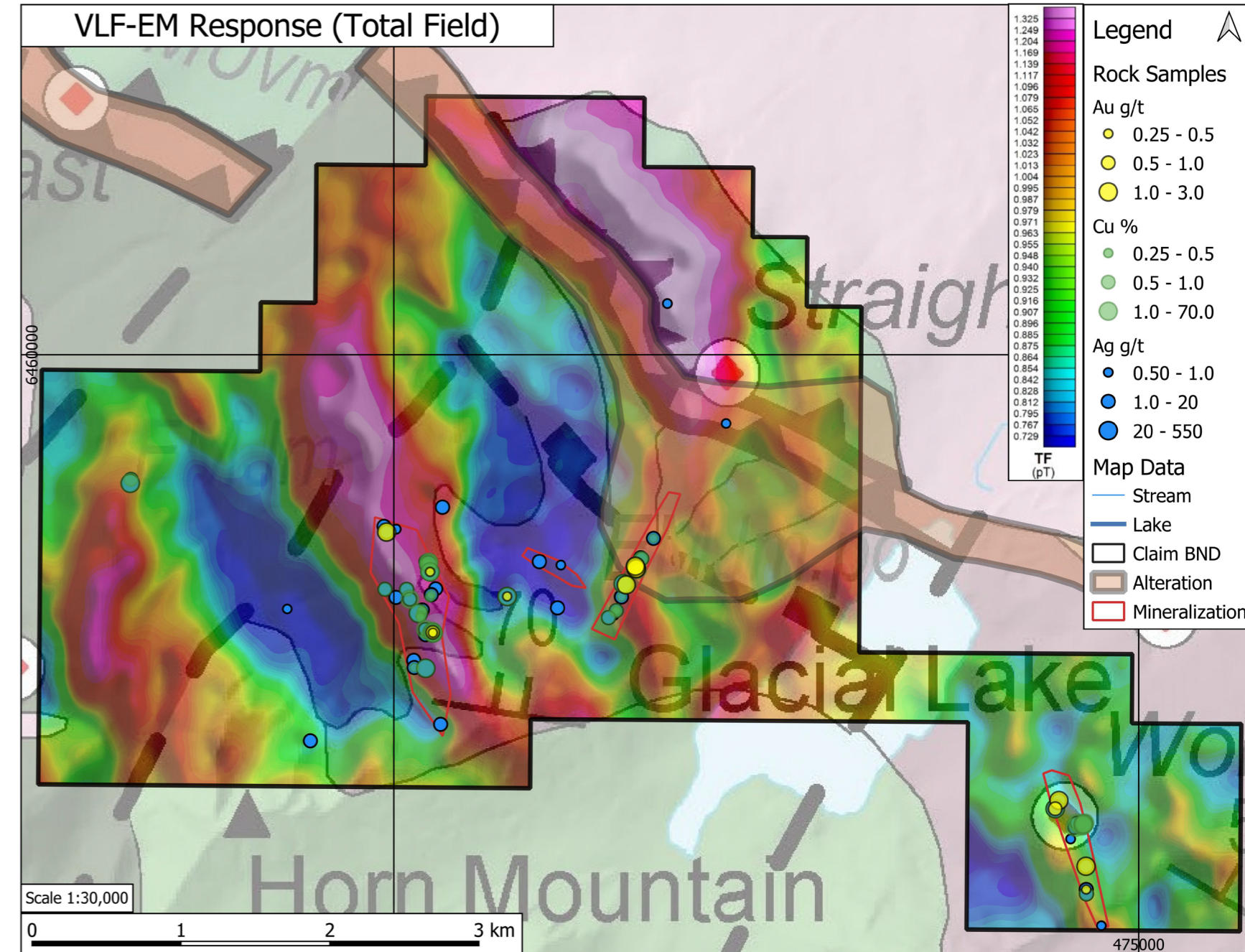
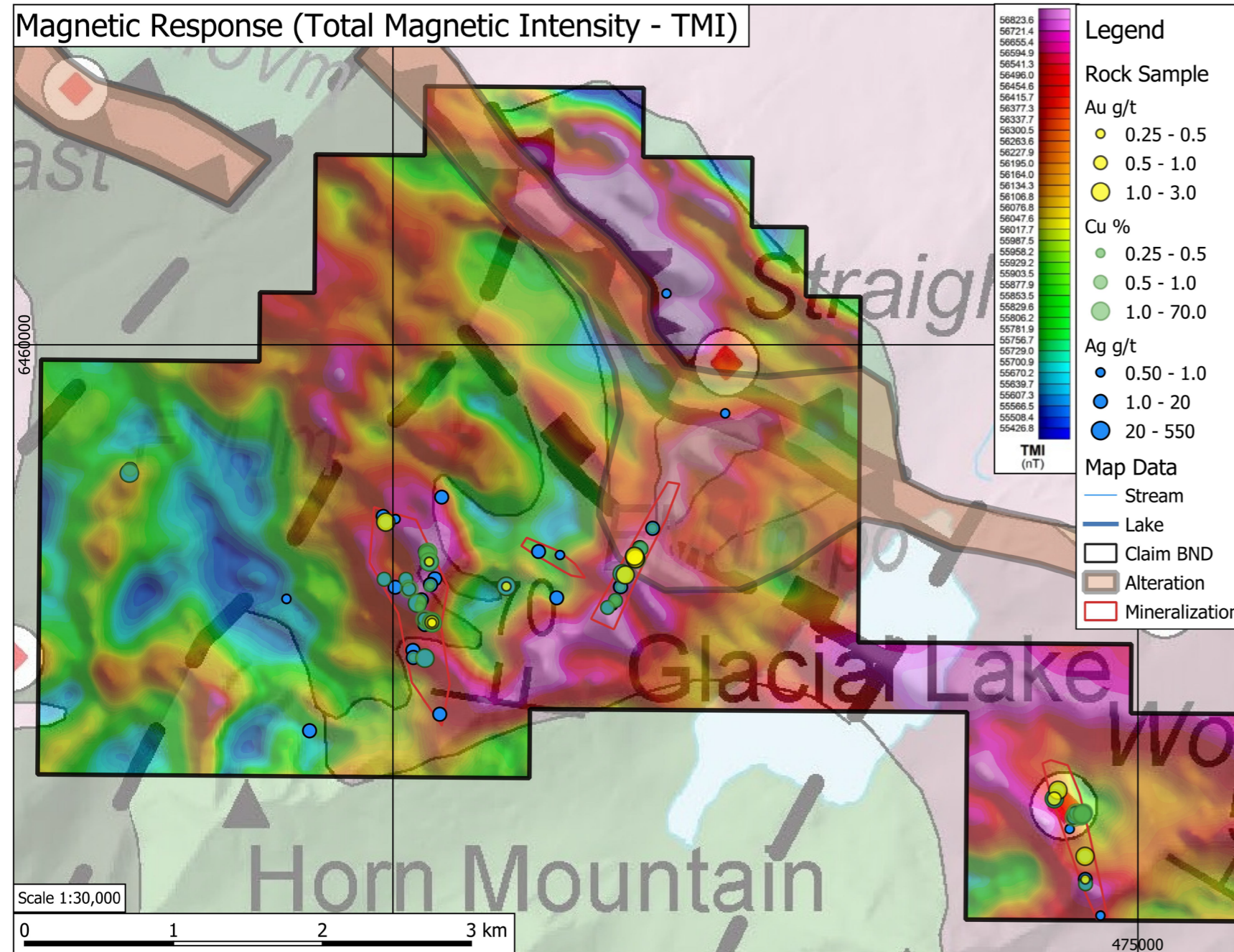
# Andalusite Peak – Rock Samples

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# New Geophysical Survey and Mineralization Trends

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# Cu-Au-Ag Sample Highlights - 3 Separate Mineralized Zones

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## Wolf

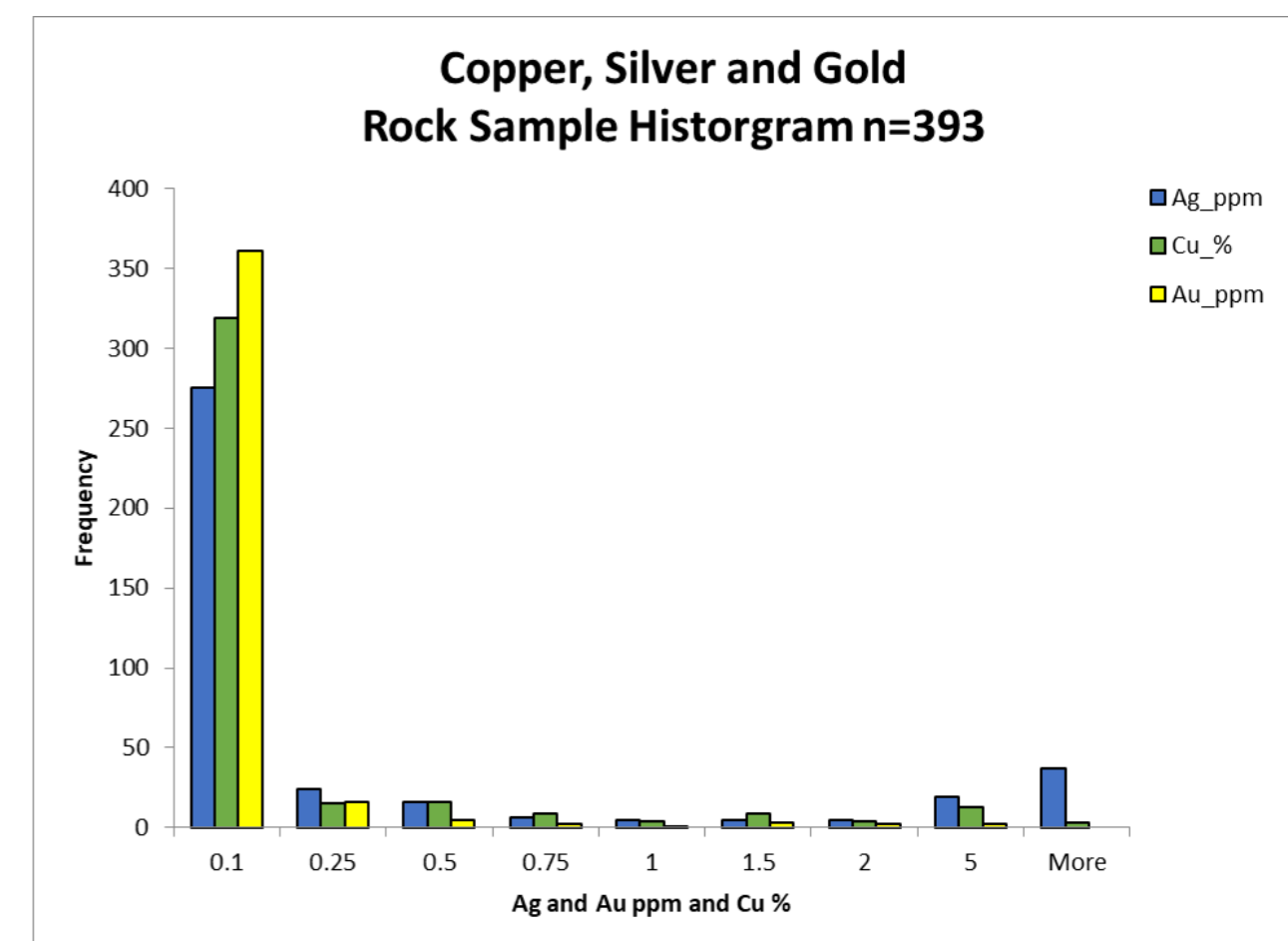
SampleID	Cu %	Au g/t	Ag g/t
C361503	5.32	0.179	32.1
C361504	3.06	0.128	6.41
C361501	2.72	0.097	10.95
C361502	2.71	0.129	14.15
40437306	2.56	0.817	64.2
C361507	1.85	0.099	6.52
C361508	1.44	0.106	2.32
C361505	1.16	0.023	0.32
C361512	0.92	0.242	3.71
40437308	0.91	1.04	15.45
C361510	0.65	1.78	5.35
C361506	0.1	0.009	0.47
C361511	0.08	0.414	3.4
C361509	0.05	0.116	0.86
40437268	0.04	0.016	0.46
40437323	0.02	0	0.922

## Tennessee-And Ginger

SampleID	Cu_%	Au_ppm	Ag_ppm
40270877	68.05	0.409	526
C0003047	67	0.569	500
152277	3.04	0.23	68.9
C0003046	2.42	2.77	17
152313	2.08	0.1	18.5
C0003040	1.87	0.427	27
C0003040	1.83	0.038	25
C0003047	1.43	0.04	9
40270876	1.4	0.019	7.42
C0003046	1.3	0.179	5
100158	1.24	0.158	4.5
100159	1.15	0.235	12.1
C0003041	1.04	0.009	2
C0003046	1	0.092	6
C0003041	0.61	0.086	19
C0003047	0.52	0.044	4
40270863	0.48	0.0242	4.63
C0003046	0.39	0.089	4
152312	0.36	0.08	2.7
152276	0.33	0.05	5.8
C0003047	0.3	0.005	2
152315	0.25	0.01	2.3
100157	0.25	0.1	3.5
100160	0.25	0.034	1.9
C0003047	0.23	0.015	5
152311	0.21	0.02	2.1
40270890	0.17	0.0016	5.09
40437255	0.1	0.002	1.28

## Gentlemen-Julep

SampleID	Cu %	Au g/t	Ag g/t
100152	3.33	2.845	22.1
40270851	3.02	1.27	18.25
E446454	2.72	0.09	21.1
I044403	2.25	1.84	17.3
40270852	1.8	0.74	9.2
E446453	1.14	1.18	11.2
40270882	0.81	0.03	5.03
C0003046	0.66	0.147	11
C0003046	0.61	0.085	8
100155	0.58	0.082	3.7
40437250	0.51	0.0101	5.64
100153	0.35	0.138	12.5
40270879	0.33	0.0108	0.671
100047	0.32	0.183	5.1
100151	0.25	0.089	3.5
C0003046	0.19	0.076	4
C0003046	0.17	0.04	2
40270855	0.16	0.012	1.83
E446455	0.16	0.459	2.4



## Year 1

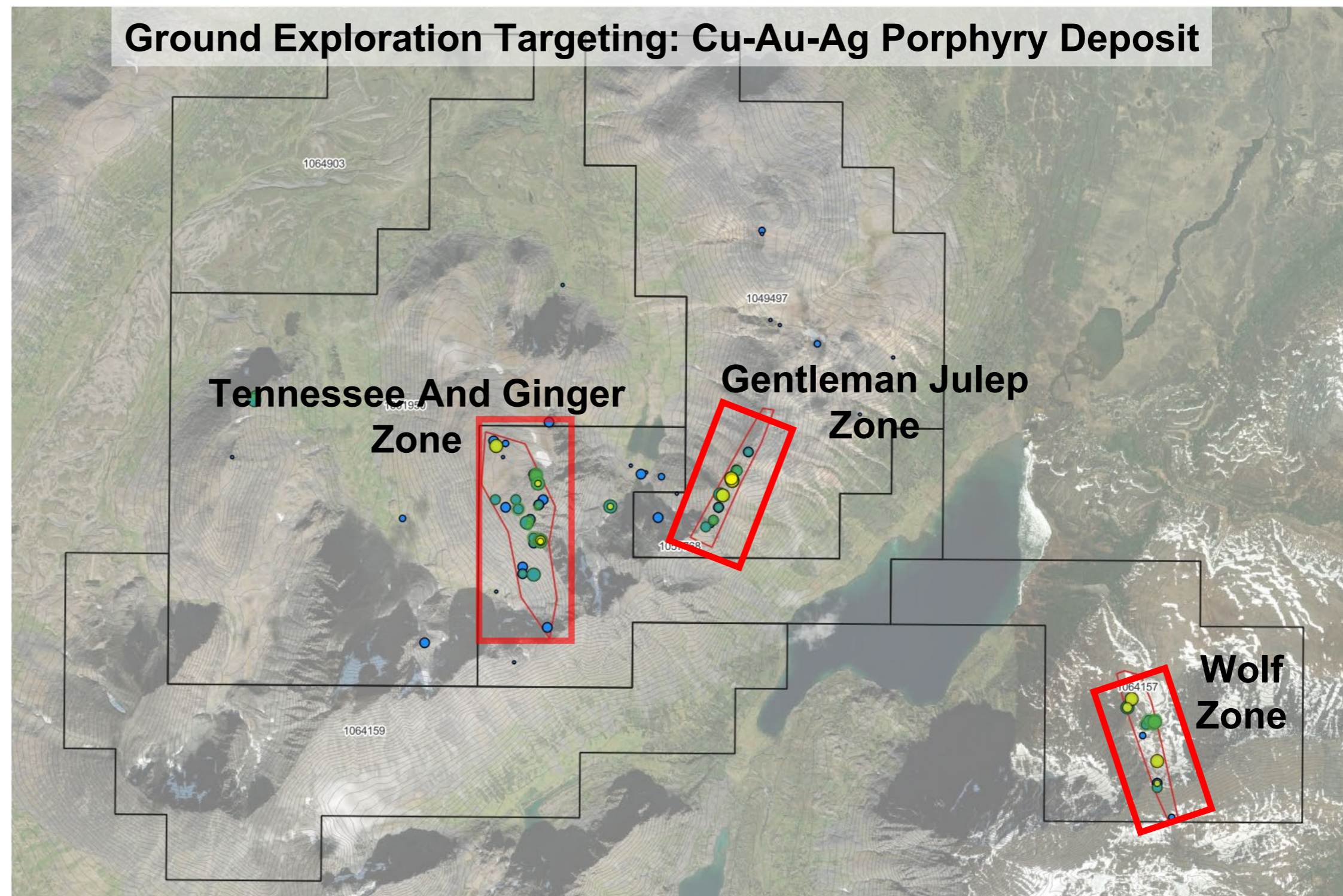
- Soil Grid
- Rock Sampling
- Mapping

## Year 2

- IP Survey
- Rock Sampling
- Mapping

## Year 3

- Drilling



## Upside Potential – Freegold Mountain

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### 2021 Exploration Results

- Drilling expands Blue Sky and WAu Zones in the Revenue Deposit
- Drilling confirms and expands Oxide Gold at the Nucleus Deposit
- Step out drilling identifies newly discovered Orbit Zone
- Soil sampling expands multi-element anomaly at the Melissa Zone

### Expansion Drilling Potential

- Nucleus is open in all directions with additional step-out satellite targets
- Nucleus satellite targets: Big Creek South Fault Zone and Orbit Zones
- Revenue expansion of Blue Sky and WAu Zones and step-out satellite targets Happy Creek and Granger Zones

### Grassroots Drilling

- Melissa, Dart, Stoddart, Ridge, Goldy

### Tinta Hill

- Stockpile Evaluation
- IP and Ground Magnetic Survey to extend deposit and identify additional vein zones

### Expansion of IP and Ground Magnetic Geophysics Surveys

- West of Nucleus
- East of Stoddart-Melissa

### Soil Geochemistry

- Seymour Creek Gossan
- East Melissa
- Nucleus and Mechanic Creek
- Revenue

### Prospecting/Rock Geochemistry:

- Nucleus, Melissa, Happy Creek, Orbit and Com



## Upside Potential – Freegold Mountain Cont.

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### Resource Updates

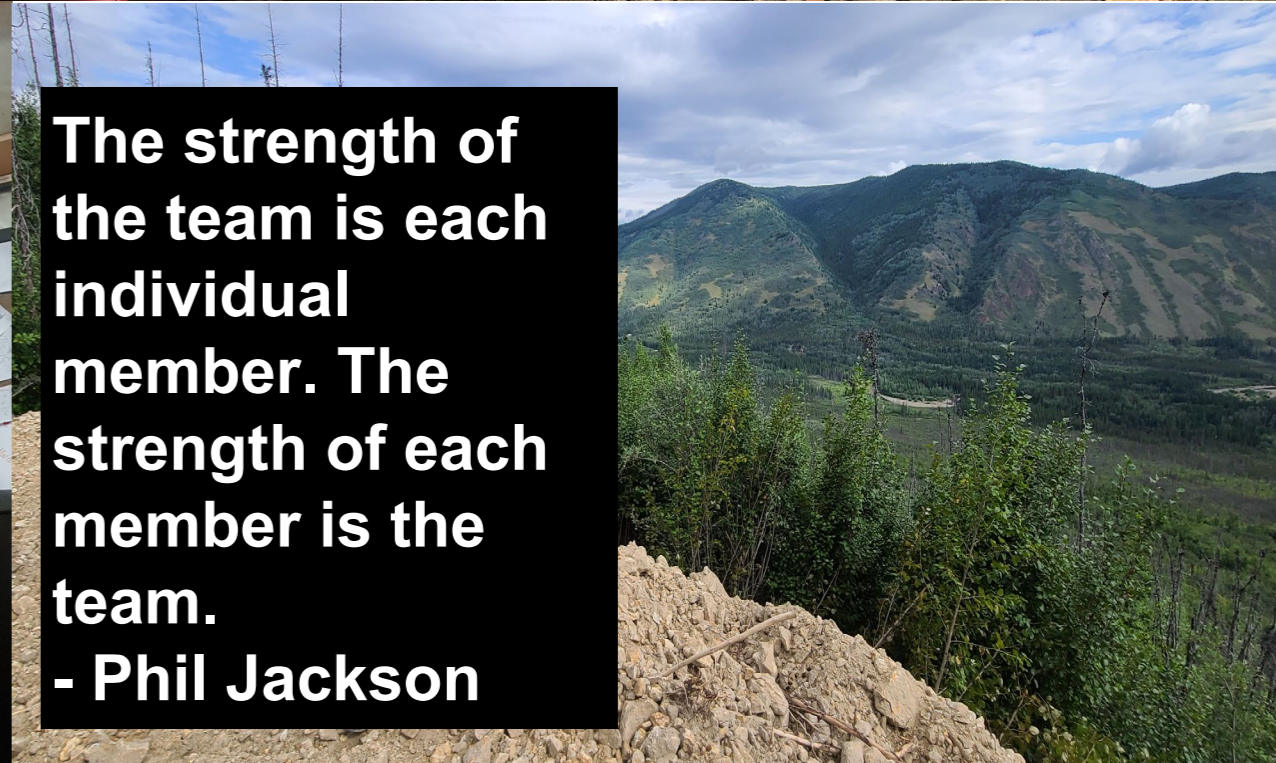
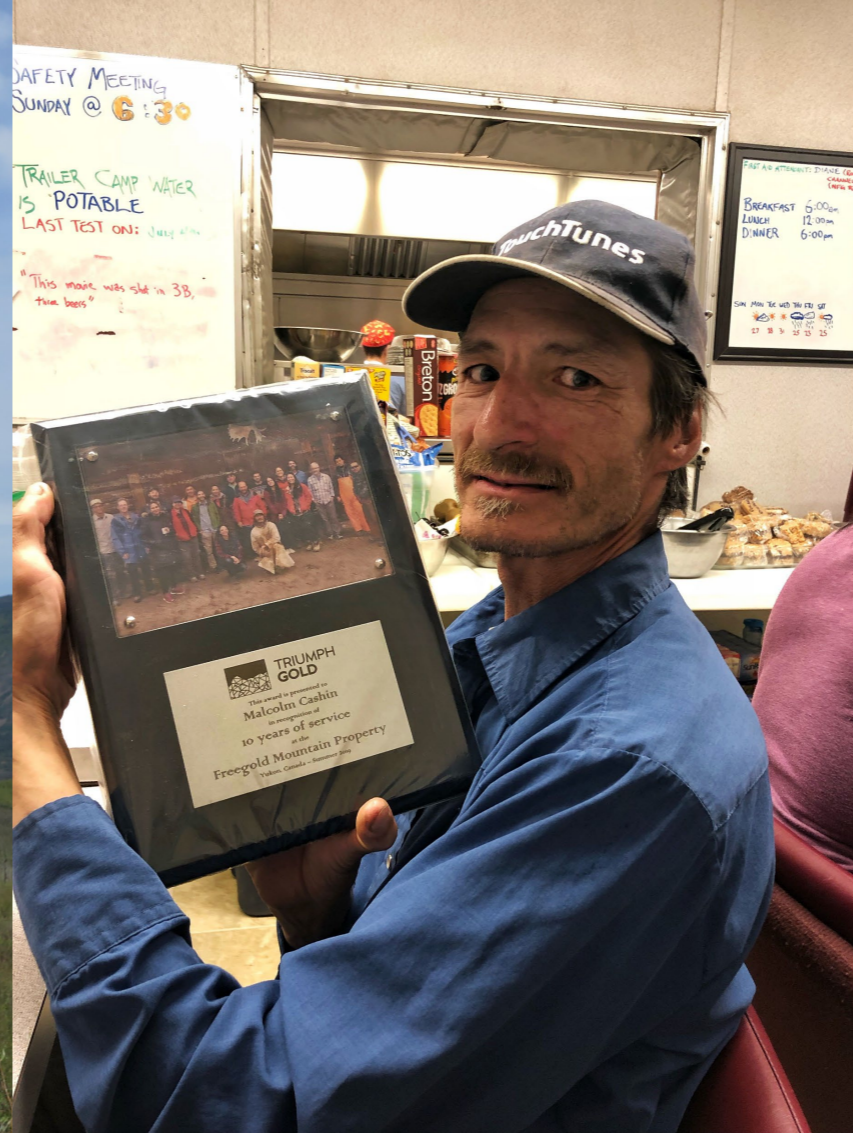
- Metallurgical Gold Recovery Cyanide Study to define Oxide/Sulfide processing
- Nucleus, Revenue, Tinta

### Fully Permitted for all Exploration Programs

- Permit LQ00524 exp.-2025 (Revenue Property) – Nucleus & Revenue
  - 200 diamond holes (100,000m)
  - 100 RC holes (20,000m)
  - 300 RAB holes (20,000m)
  - 50 trenches (50x3x3m)
- Permit LQ00447 exp.-2026 (Tinta Hill Property)
  - 200 diamond holes (100,000m)
  - 100 reverse circulation holes (20,000m)
  - 300 RAB holes (20,000m)
  - 50 trenches (50x3x3m)







The strength of the team is each individual member. The strength of each member is the team.  
- Phil Jackson



# TRIUMPH GOLD

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