



**U.S.  GOLD MINING**

**USGO:NASDAQ | [US.GOLDMINING.COM](https://us.goldmining.com)**

# **The Road to Rediscovery**

**Whistler Gold-Copper Project in Alaska**

**AMA, November 2024**



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This presentation includes certain forward-looking statements and forward-looking information (collectively, “forward-looking statement”) within the meaning of applicable Canadian and U.S. securities legislation, including the United States Private Securities Litigation Reform Act of 1995. All statements, other than statements of historical fact, included in this presentation are forward-looking statements including, without limitation, statements with respect to future plans regarding the Company’s projects, the anticipated business plans and timing of future activities of the Company, the possibility, timing and amount of estimated future production, costs of production, resource and reserve determination, statements with respect to the price of gold and other metals, and other statements with respect to future plans, objectives or expectations of the Company. Estimates of mineral reserves and mineral resources are also forward-looking statements because they incorporate estimates of future developments including future mineral prices, costs and expenses and the amount of minerals that will be encountered if a property is developed. Forward-looking statements are typically identified by words such as: “anticipates,” “expects,” “believes,” “forecasts,” “projects,” “estimates,” “seeks,” “plans,” “intends,” “strategies,” “targets,” “goals,” “focus,” “objectives,” “budgets,” “schedules,” “potential” or variations thereof or statements that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved, or the negative of any of these terms and similar expressions. Forward-looking statements are necessarily based upon a number of assumptions, estimates, beliefs, expectations and opinions as of the date of the disclosure that, while considered reasonable by the Company, are inherently subject to significant uncertainties and contingencies, including, without limitation, that market fundamentals will result in sustained precious metals demand and prices, the receipt of any necessary permits, licenses and regulatory approvals in connection with the future development of the Company’s projects in a timely manner, assumptions underlying mineral reserve and mineral resource estimates, the availability of financing on suitable terms for the development and continued operation of the Company’s projects and the Company’s ability to comply with environmental, health and safety laws. Forward-looking statements by the Company are not guarantees of future results or performance, and actual results may differ materially from those in forward-looking statements as a result of known and unknown risks, uncertainties and various other factors. Such risks and uncertainties include fluctuations in precious metal prices, unpredictable results of exploration activities, uncertainties inherent in the estimation of mineral reserves and resources, fluctuations in the costs of goods and services, problems associated with exploration, development and mining operations, changes in legal, social or political conditions in the jurisdictions where the Company operates including with respect to establishing and maintaining social license at the Company’s projects, delays in obtaining governmental permits and approvals, lack of appropriate funding, accidents, other risks of the mining industry, risks relating to epidemics or pandemics such as COVID-19 and other risk factors as discussed in the Company’s filings with Canadian and U.S. securities regulatory agencies. Should one or more of these risks or uncertainties materialize, or should underlying assumptions or estimates prove incorrect, actual results may vary materially from those anticipated, believed, estimated or expected. The Company cautions readers not to place undue reliance on any such forward-looking statements, which speak only as of the date made. The Company disclaims any obligation to update any forward-looking statements in this presentation, except as otherwise required by law.

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The Company has prepared disclosure in accordance with Canadian reporting standards, which differ from the requirements of the U.S. Securities and Exchange Commission (the “SEC”). The terms “mineral resources”, “measured mineral resources”, “indicated mineral resources” and “inferred mineral resources” used in this presentation are in reference to the mining terms defined in the Canadian Institute of Mining, Metallurgy and Petroleum Standards (the “CIM Standards”), which definitions have been adopted by National Instrument 43-101 – Standards of Disclosure for Mineral Projects (“NI 43-101”). Accordingly, information contained in this presentation providing descriptions of our mineral deposits in accordance with NI 43-101 may not be comparable to similar information made public by other U.S. companies subject to the United States federal securities laws and the rules and regulations thereunder. Investors are cautioned not to assume that any part or all of mineral resources will ever be converted into reserves. Pursuant to CIM Standards, “Inferred mineral resources” are that part of a mineral resource for which quantity and grade or quality are estimated on the basis of limited geological evidence and sampling. Such geological evidence is sufficient to imply but not verify geological and grade or quality continuity. An inferred mineral resource has a lower level of confidence than that applying to an indicated mineral resource and must not be converted to a mineral reserve. However, it is reasonably expected that the majority of inferred mineral resources could be upgraded to indicated mineral resources with continued exploration. Under Canadian rules, estimates of inferred mineral resources may not form the basis of feasibility or pre-feasibility studies, except in rare cases. Investors are cautioned not to assume that all or any part of an inferred mineral resource is economically or legally mineable. Disclosure of “contained ounces” in a resource is permitted disclosure under Canadian regulations; however, the SEC normally only permits issuers to report mineralization that does not constitute “reserves” by SEC standards as in place tonnage and grade without reference to unit measures. Canadian standards, including the CIM Standards and NI 43-101, differ significantly from standards in the SEC Industry Guide 7. Effective February 25, 2019, the SEC adopted new mining disclosure rules under subpart 1300 of Regulation S-K of the United States Securities Act of 1933, as amended (the “SEC Modernization Rules”), with compliance required for the first fiscal year beginning on or after January 1, 2021. The SEC Modernization Rules replace the historical property disclosure requirements included in SEC Industry Guide 7. As a result of the adoption of the SEC Modernization Rules, the SEC now recognizes estimates of “measured mineral resources”, “indicated mineral resources” and “inferred mineral resources”. In addition, the SEC has amended its definitions of “proven mineral reserves” and “probable mineral reserves” to be substantially similar to corresponding definitions under the CIM Standards. During the period leading up to the compliance date of the SEC Modernization Rules, information regarding mineral resources or reserves contained or referenced in this presentation may not be comparable to similar information made public by companies that report according to U.S. standards. While the SEC Modernization Rules are purported to be “substantially similar” to the CIM Standards, readers are cautioned that there are differences between the SEC Modernization Rules and the CIM Standards. Accordingly, there is no assurance any mineral reserves or mineral resources that the Company may report as “proven mineral reserves”, “probable mineral reserves”, “measured mineral resources”, “indicated mineral resources” and “inferred mineral resources” under NI 43-101 would be the same had the Company prepared the reserve or resource estimates under the standards adopted under the SEC Modernization Rules.

## TECHNICAL INFORMATION

Tim Smith, the Company’s Chief Executive Officer and a qualified person as such term is defined under Item 1300 of Regulation S-K in the United States and Canadian National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* (“NI 43-101”) is a professional geoscientist and member of the Professional Geoscientists Ontario, Engineers and Geoscientists British Columbia and Northwest Territories Association of Professional Engineers and Geoscientists. He has reviewed and approved the scientific and technical information contained herein regarding the Company’s Whistler Project.

Refer to the notes the mineral resource statement for project specific technical information. Reference should be made to the full text of the technical reports and other disclosures of each of which is available under the Company’s profile at [www.sedar.com](http://www.sedar.com). Certain information in this presentation regarding the activities of other companies and other market information has been obtained from publicly available information and industry reports. Such reports generally state that the information contained therein has been obtained from sources believed to be reliable, but the accuracy or completeness of such information is not guaranteed. We have not independently verified or cannot guarantee the accuracy or completeness of that information. Investors should conduct their own due diligence on such information.

# U.S. GOLD MINING

## WHISTLER GOLD-COPPER PROJECT

### Introduction

- ◀ Project introduction
- ◀ Geological Context

### Project History

### Rediscovery & Success

### Project Outlook





# U.S. GOLD MINING

## Project snapshot

### WHISTLER GOLD-COPPER PROJECT

- ◀ Three gold-rich porphyry deposits
- ◀ **6.48 Moz AuEq Indicated\* + 4.16 Moz AuEq Inferred\***
- ◀ 100 miles northwest of Alaska's largest city Anchorage
- ◀ 100% owned 53,700-acre property on State land
- ◀ Safe execution of ~6,200 meters of diamond drilling over two drill programs
- ◀ Best intercept from **WH23-03, 652.5 m at 1.00 g/t AuEQ**
- ◀ State led "Roads to Resources" program to unlock mineral potential in district

### What makes Whistler different?

- ◀ High-grade, Gold-rich porphyry core
- ◀ Methodical, high-quality data collection
- ◀ High-caliber team

\*Additional details of the mineral resource estimate are set forth in the S-K 1300 Report titled "S-K 1300 Technical Report Summary Initial Assessment for the Whistler Project", Effective Date 12 September 2024 and Date of Issue 7 October 2024, a copy of which is available under the Company's profile at [www.sec.gov](http://www.sec.gov). AuEq = 'Gold Equivalent' which comprises gold + copper + silver combined and expressed as gold grams per tonne



† Major mine & mineral deposit locations sourced from USGS mineral occurrences



# Regional Scale Geology

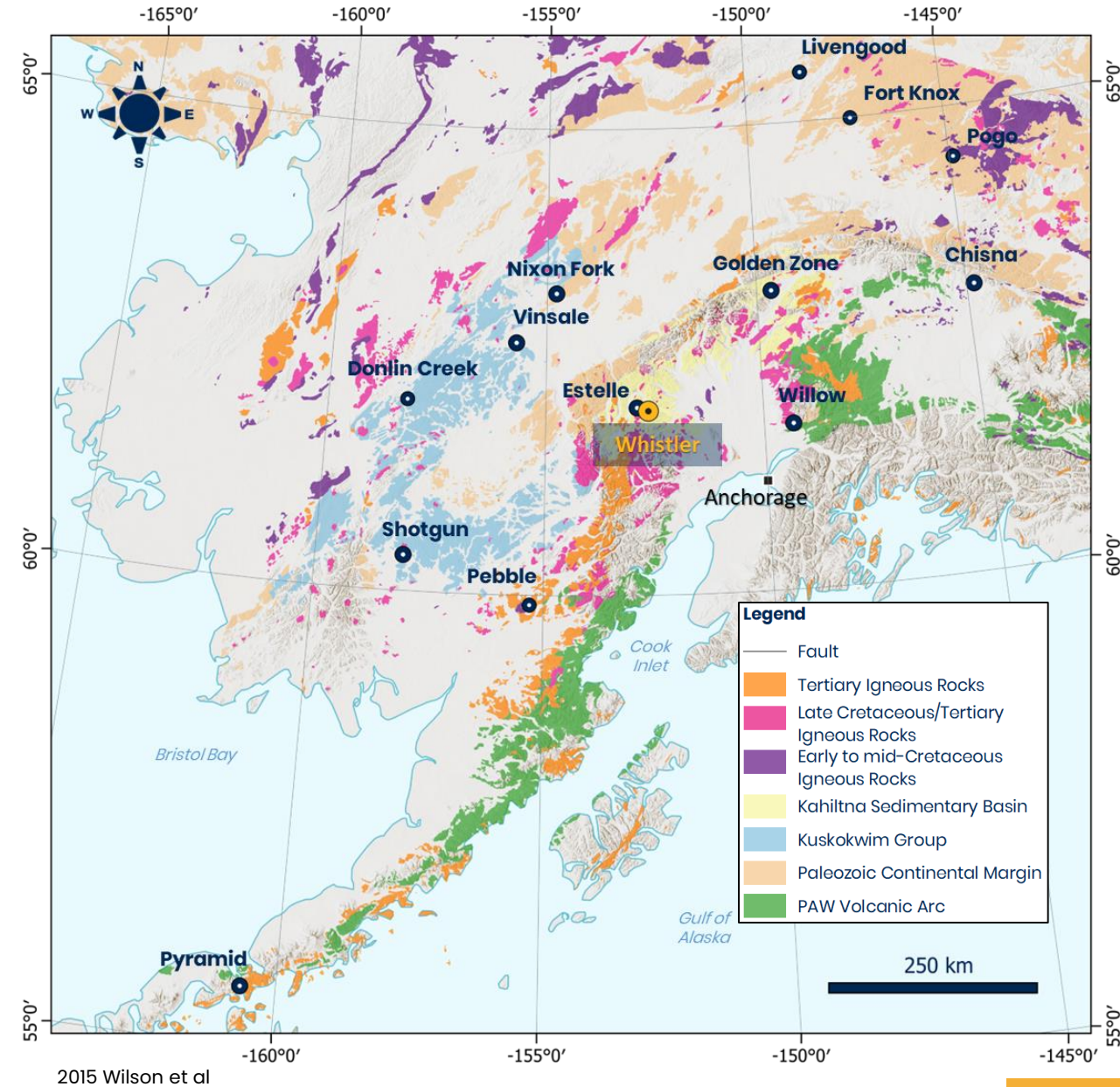
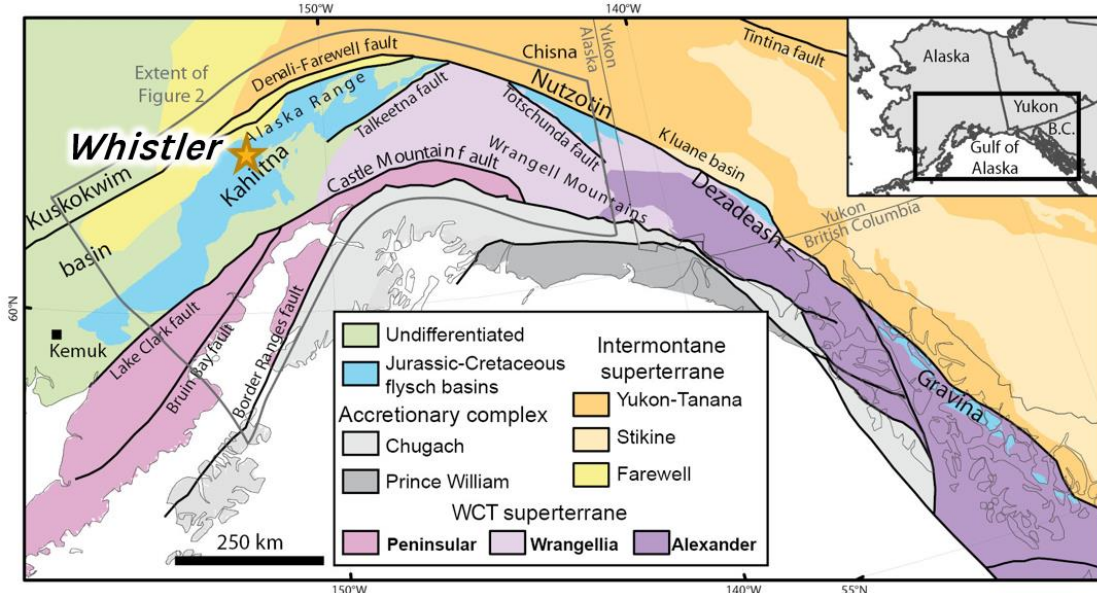
## Wrangellia Composite Terrane

Mesozoic-Tertiary magmatism – voluminous Upper Cretaceous thru Paleocene-Oligocene igneous rocks, dominantly plutons that stitch the allochthonous Wrangellia composite terrane with the inboard autochthonous terranes

## Kahiltna Flysch Terrane

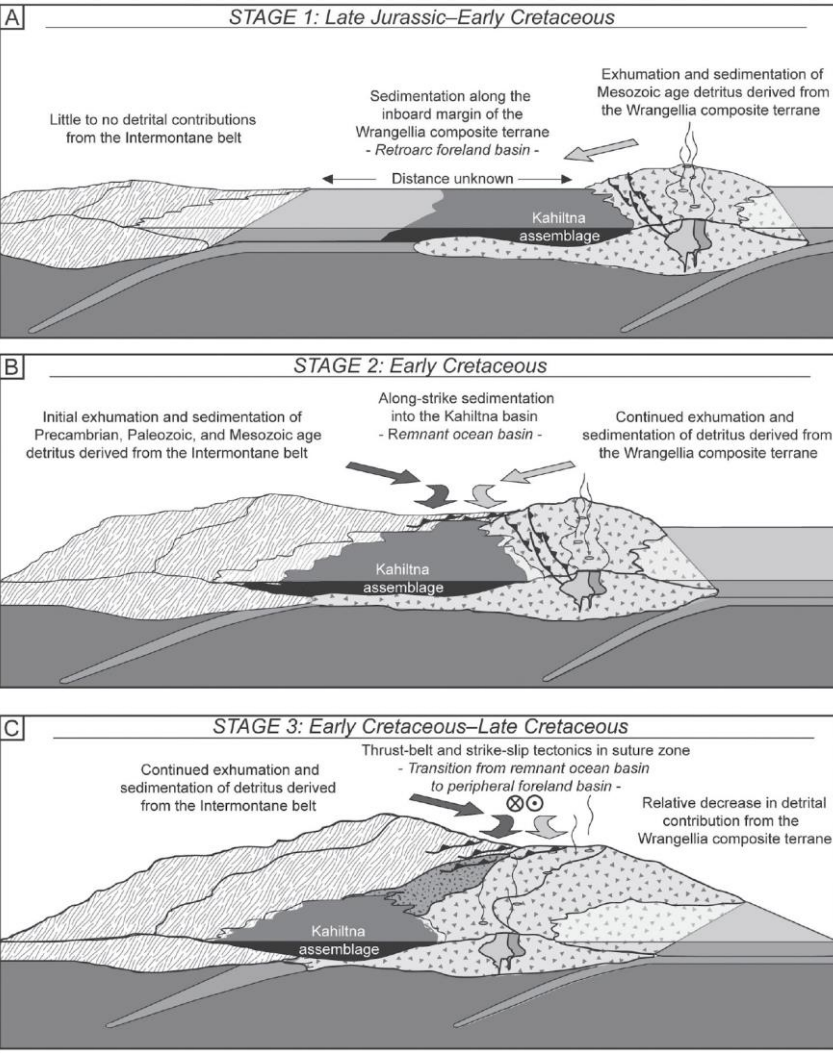
Also hosts Pebble Deposit

- Whistler discovery outcrop U-Pb Zircon **76.4 +/- 3.1 Ma** (Hames, 2011)
- Pebble mineralization **89Ma** (Schrader et al., 2001)

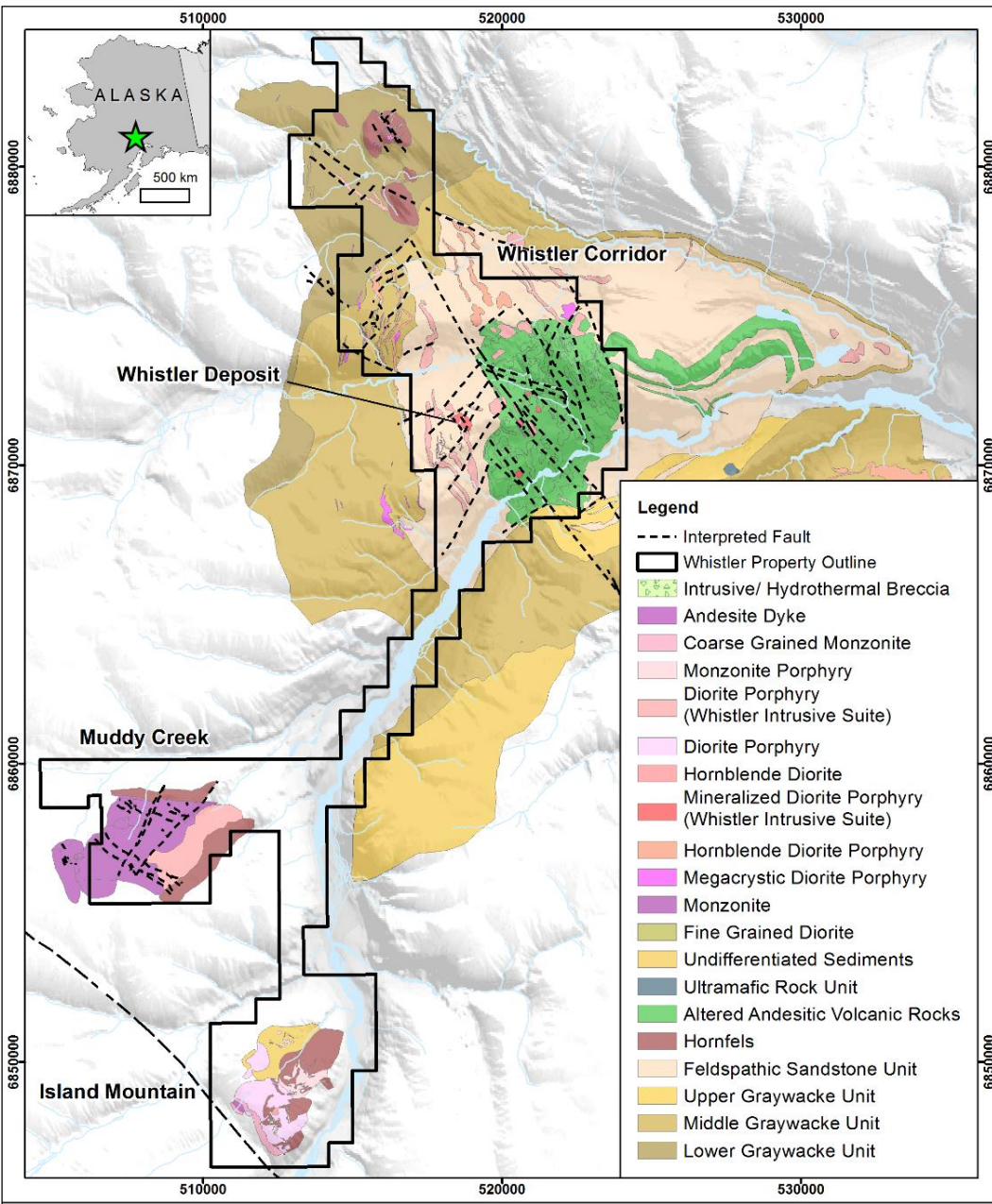




# Property Scale Geology



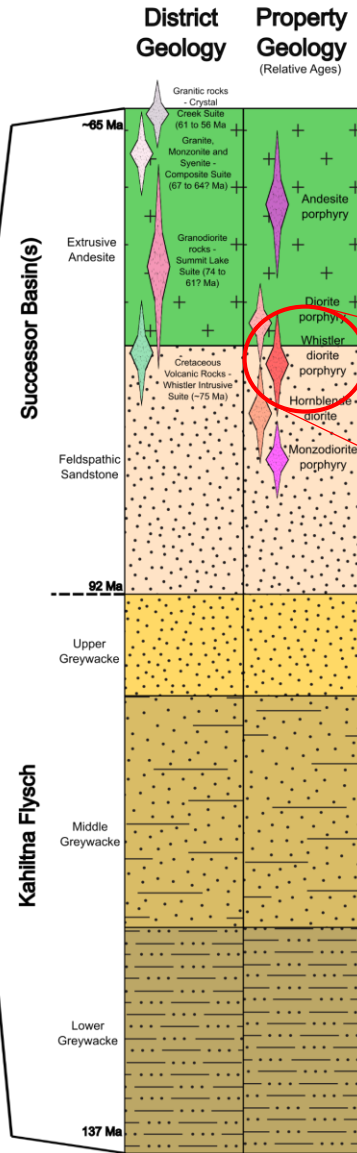
2010 American Geophysical Union



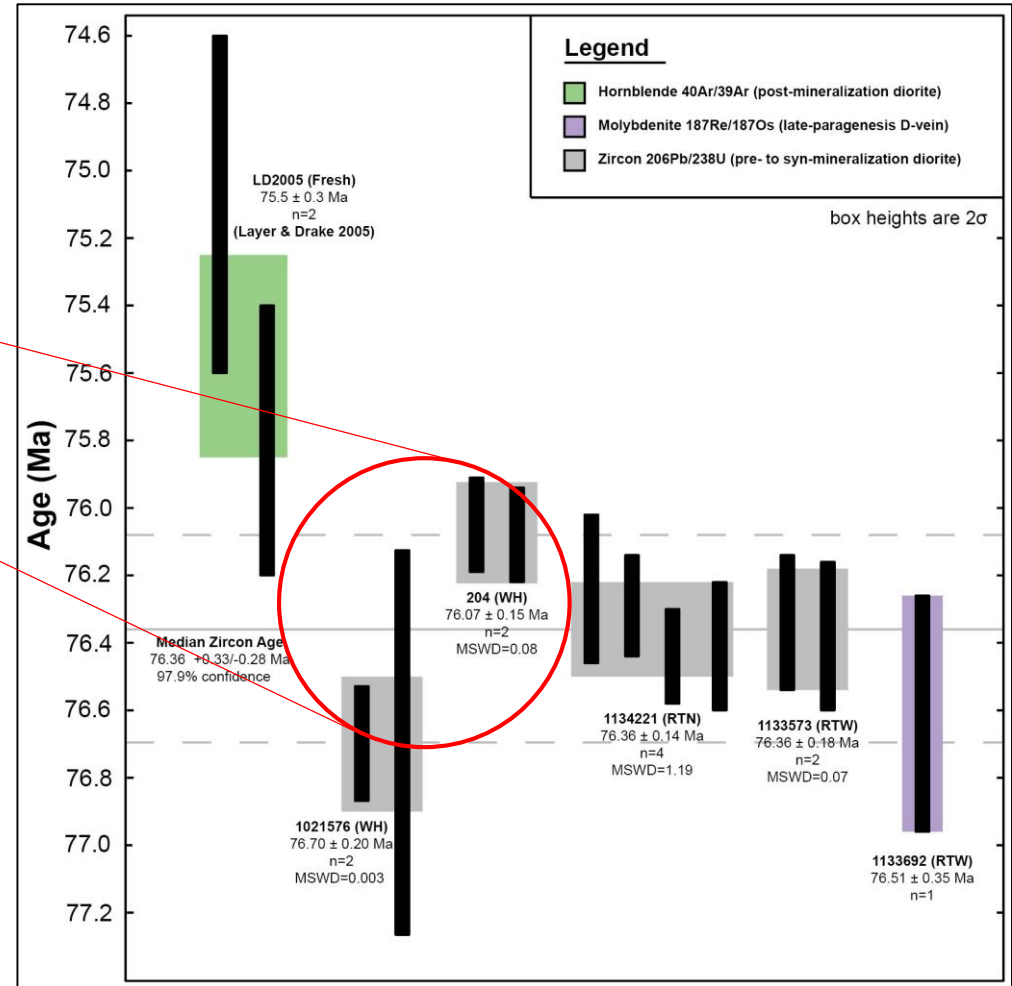


# Stratigraphic Column & Geochronology

Era	Period	Epoch	Regional Geology	
Cenozoic	Quaternary	Holocene	Quaternary Deposits	
		Pleistocene	Miocene - Quaternary Wrangell - Aleutian arc igneous rocks	
	Neogene	Pliocene	Nenana Gravel	
		Miocene	Uciabell Group	
		Oligocene	Tsadaka, Wishbone, Chickaloon and Middle Colorado Creek Formations	
	Tertiary	Paleogene	Eocene	Paleocene - Oligocene igneous rocks
			Paleocene	
Mesozoic	Cretaceous	Upper	Upper Cretaceous igneous rocks	
		Lower	Lower Cretaceous Chisana arc igneous rocks	
	Jurassic	Upper	Upper Jurassic Talkeetna - Chitina arc igneous rocks	
		Middle	Middle Jurassic Chitina arc igneous rocks	
Triassic	Upper	Triassic - Paleozoic undifferentiated accreted terranes		
	Middle			
	Lower			



**Whistler**

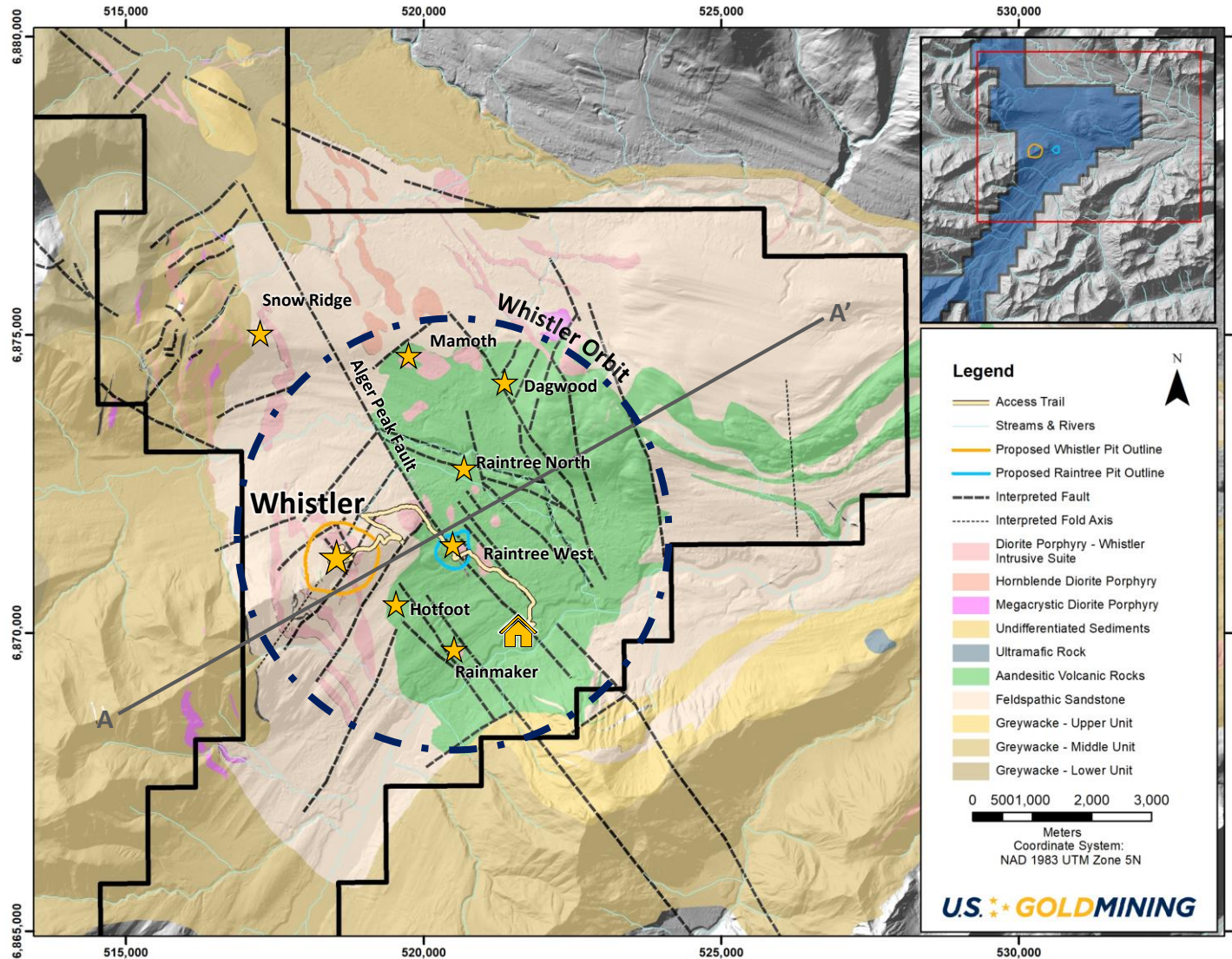


2014 Hames



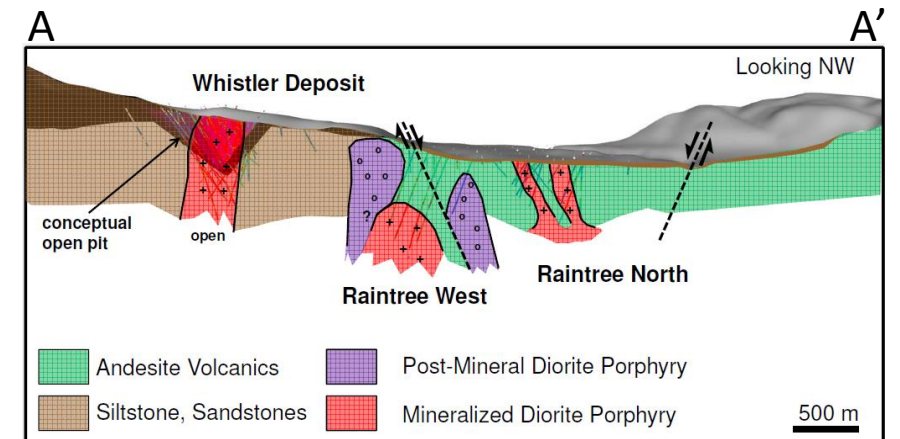
# Whistler Corridor Geology

## Whistler 'Orbit'



Whistler Corridor interpreted to comprise a classic Porphyry 'Cluster' - Multiple intrusive apophyses emanating from a deep causative batholith

Correlative extrusives (andesites) confined to paleo-basin, or preserved by subsequent tectonic downthrow (graben)



2014 Hames



# U.S. GOLD MINING

## WHISTLER GOLD-COPPER PROJECT

### Introduction

### Project History

- ◀ Surface sampling & mapping
- ◀ Drilling
- ◀ Geophysics
- ◀ Metallurgy
- ◀ Petrography
- ◀ Thesis work
- ◀ Geological model

### Rediscovery & Success

### Project Outlook





# Whistler Exploration History

Activity		Cominco	Kennecott	Geoinformatics	Kiska	US GoldMining		TOTAL
		1986-1990	2003-2006	2007-2008	2009-2011	2015-2023	2024	
Drilling	Holes	16	35	18	188	4	5	<b>266</b>
	Meters	1,676	12,448	7,623	48,497	2,234	4,005	<b>76,483</b>
Rocks Samples			1358 <sup>^</sup>	20	462*		25	<b>1,865</b>
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Mapping			Property <sup>^</sup>	Whistler, ASTER	Island Mountain, Muddy Creek, Whistler	Drone Imagery	Drone Imagery, Targeted Site Visits	
Geophysics		2DIP	2DIP AeroMag	2DIP, Mag Inversion	AeroTEM, 3DIP, 2DIP, Mag Inversion	Mag 3D inversion modeling		
Other			Metallurgy Petrography		Engineering Imagery Petrography	Data Consolidation Environmental baseline Reelog program	Geological Model Metallurgical Testwork Top of bedrock sampling Hyperspectral Study Reelog program	
Resource	Indicated			<b>1.31 Ind moz<sup>1</sup></b>	<b>2.25 Ind moz<sup>2</sup></b>	<b>2.99 Ind moz<sup>3</sup> AuEq</b>	<b>6.48 Ind moz<sup>5</sup> AuEq</b>	
AuEq	Inferred			<b>4.44 Inf moz<sup>1</sup></b> SRK	<b>3.35 Inf moz<sup>2</sup></b> MMTS	<b>6.45 Inf moz<sup>4</sup> AuEq</b> MMTS	<b>4.16 Inf moz<sup>5</sup> AuEq</b> MMTS	

<sup>^</sup> = Whistler, Raintree, Island Mountain, Muddy Creek, Snow Ridge, Puntilla, Round Mountain, Canyon Creek

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2. Whistler Pit. US\$990/oz Au, US\$15.40/oz Ag, and US\$2.91/lb Cu. Indicated at 0.51 gpt Au, 0.17% Cu, 1.97 gpt Ag, Inferred at 0.40 gpt Au, 0.15% Cu, 1.75 gpt Ag.

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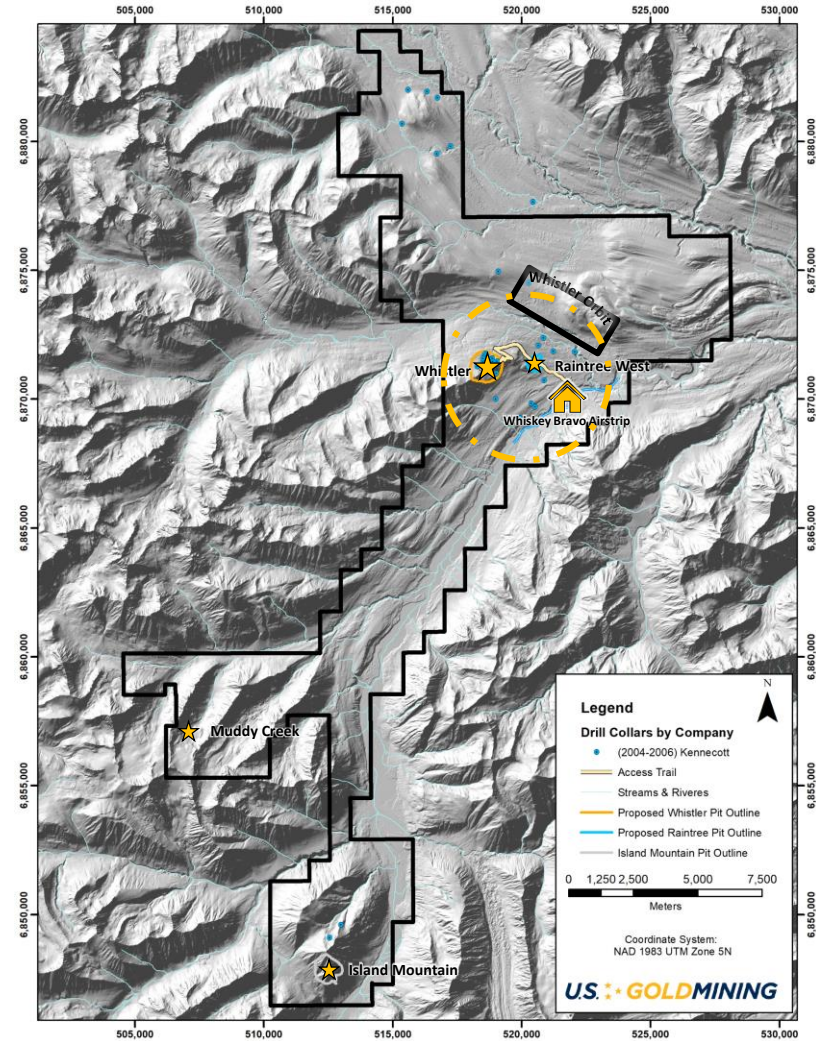
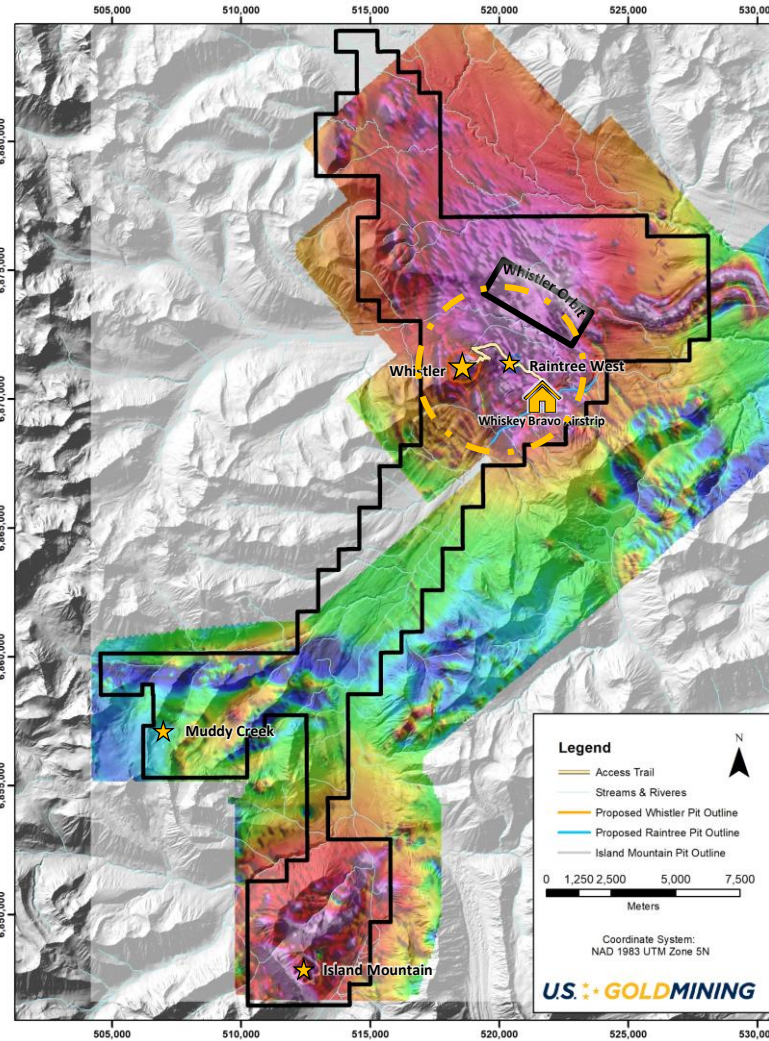
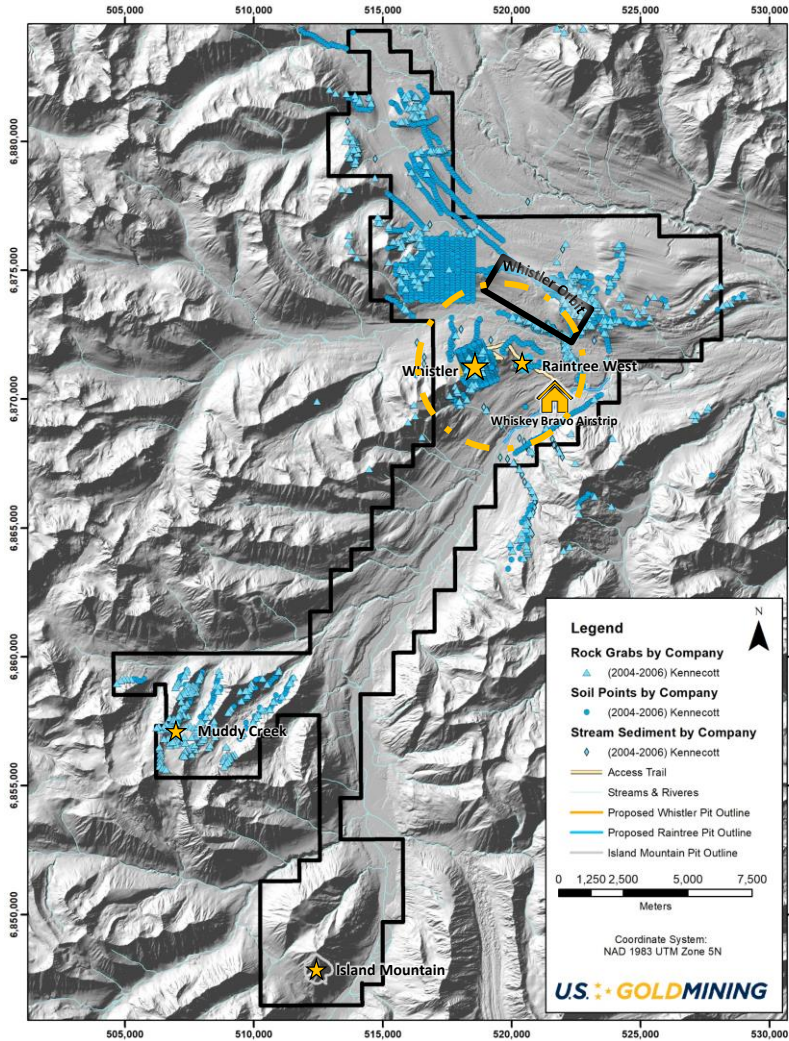
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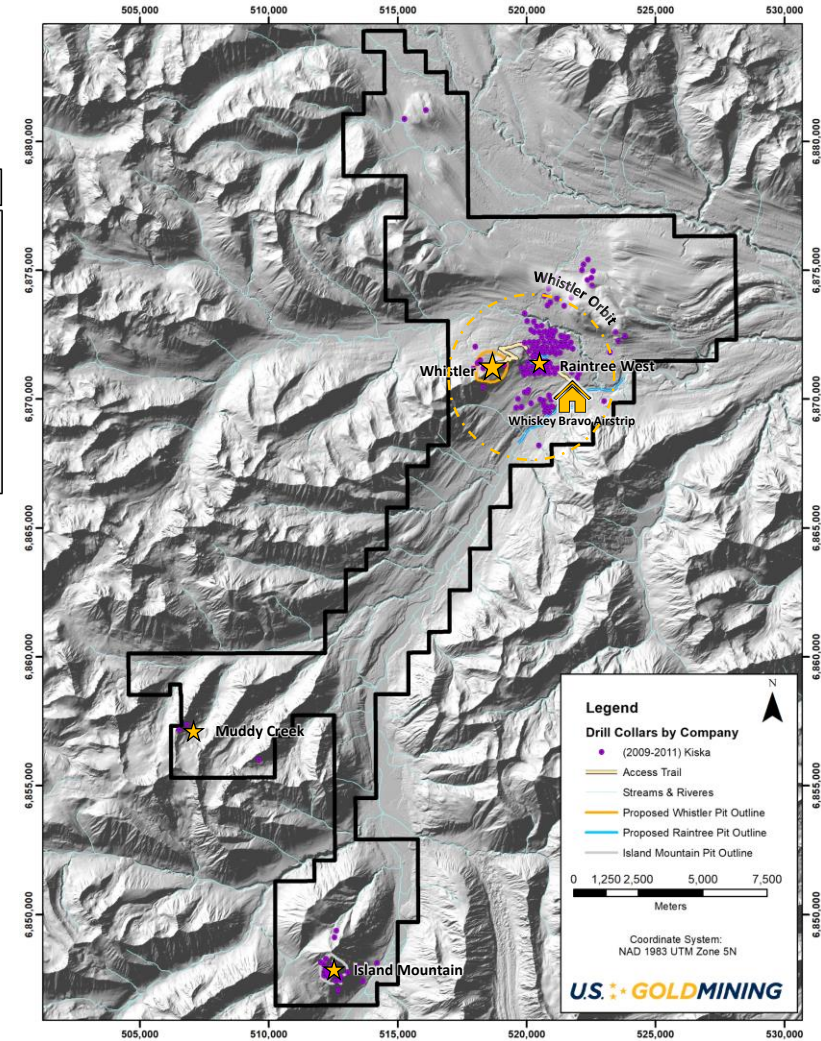
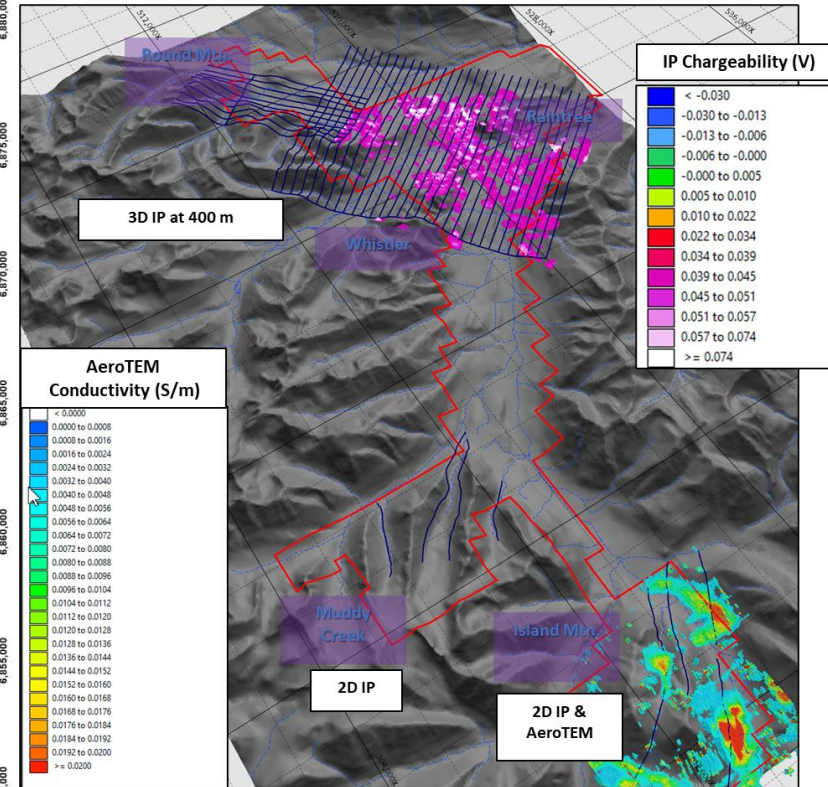
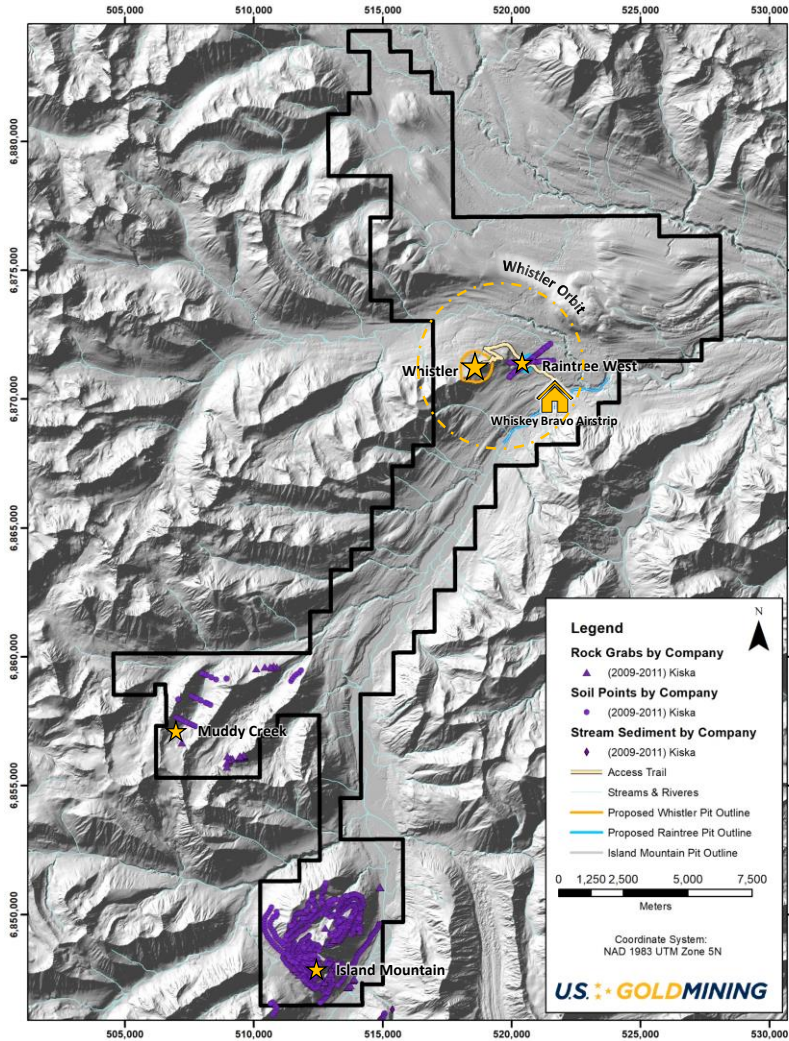
2. Whistler Pit. US\$990/oz Au, US\$15.40/oz Ag, and US\$2.91/lb Cu. Indicated at 0.51 gpt Au, 0.17% Cu, 1.97 gpt Ag, Inferred at 0.40 gpt Au, 0.15% Cu, 1.75 gpt Ag.

3. Whistler Pit, Raintree Pit/UG. US\$1,600/oz Au, US\$21/oz Ag, and US\$3.25/lb Cu. Indicated average at 0.51 gpt Au, 0.16% Cu, 2.19 gpt Ag.

4. Whistler Pit, Raintree Pit/UG, Island Mountain. US\$1,600/oz Au, US\$21/oz Ag, and US\$3.25/lb Cu. Inferred average at 0.46 gpt Au, 0.10% Cu, 1.58 gpt Ag.

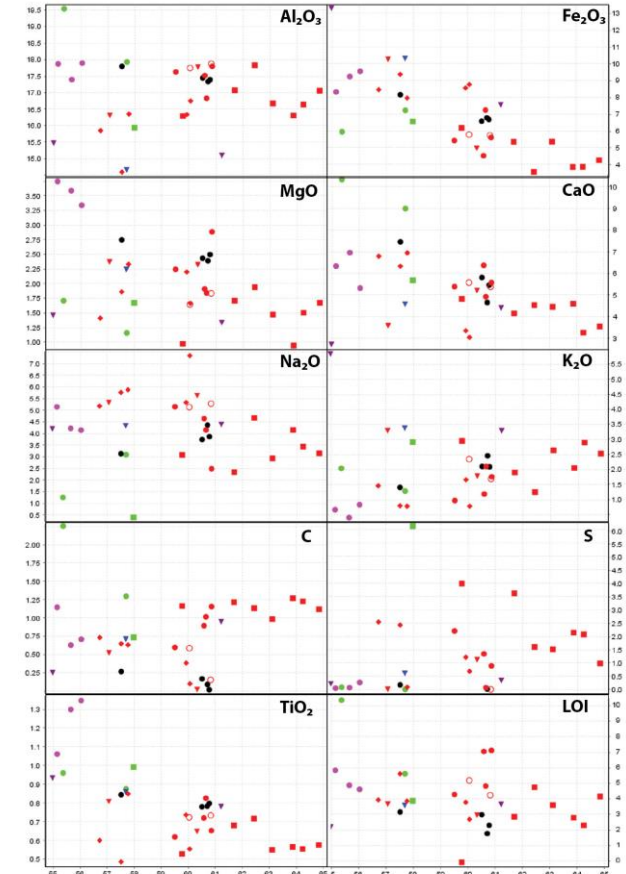
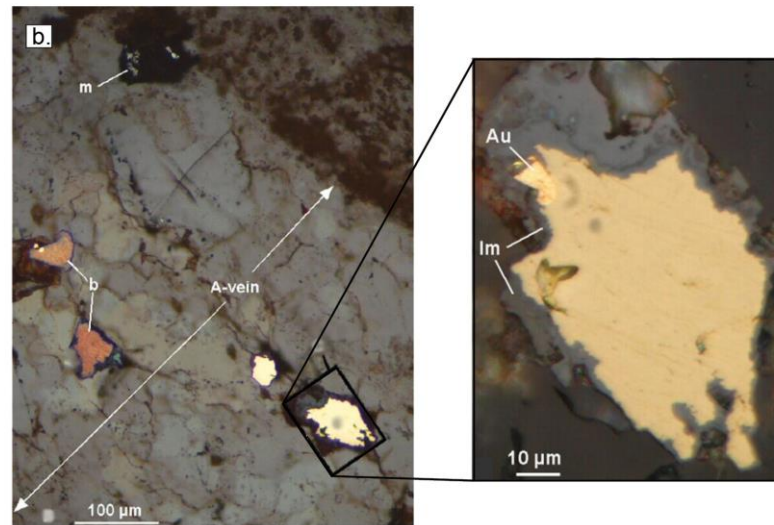
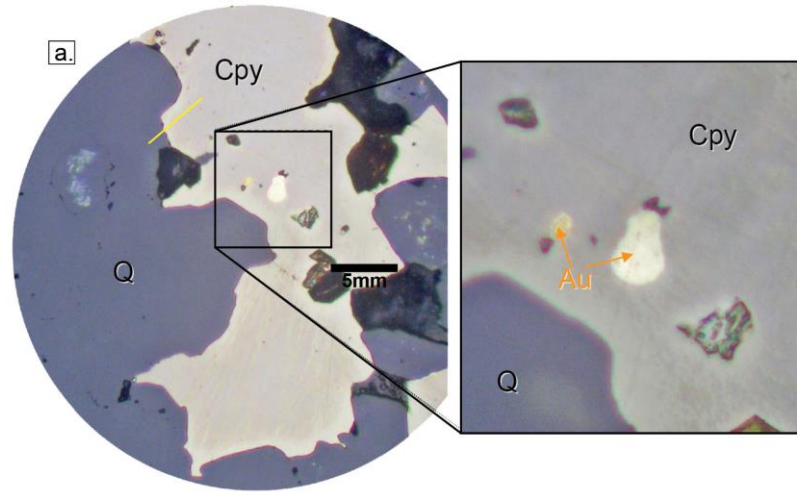
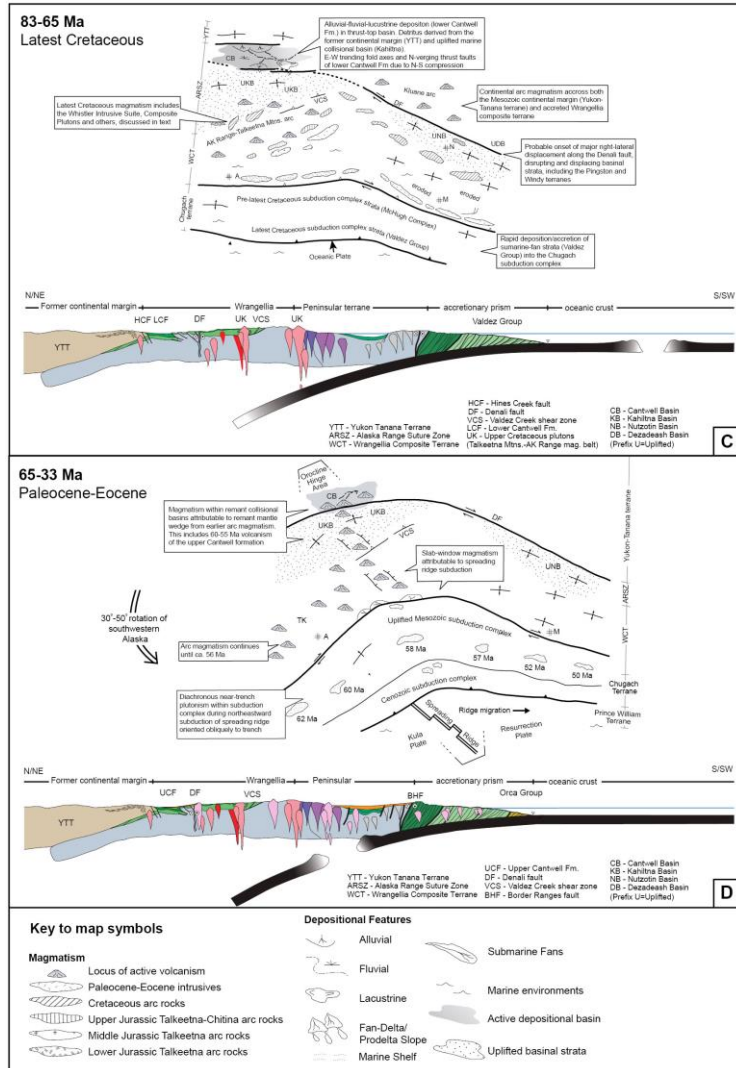
5. Whistler Pit, Raintree Pit/UG, Island Mountain. US\$1,850/oz Au, US\$4.00/lb Cu and US\$23/oz Ag. Indicated average at 0.42 gpt Au, 0.16% Cu, 2.01 gpt Ag, Inferred at 0.65 gpt Au, 0.07% Cu, 1.81 gpt Ag.

# Whistler Exploration History – Kiska





# Ben Hames MSc Thesis 2014



Lithologies	Alteration
● Andesite dykes	● Chlorite-sericite
● Intermediate volcanic pack.	▼ Potassic
● Whistler 'mineralised' diorite	◆ Sodic-ferric
● RTN 'mineralised' diorite	■ Phyllic
● RTW 'mineralised' diorite	○ Propylitic
● 'Unmineralized' diorite	

# Whistler Exploration Timeline

The Road to Rediscovery

## '22 H2

### Whistler Reboot

- Database Validation
- Stakeholder Engagement
- Environment baseline
- Permit to Drill (APMA)**

## '23 Q2

### Field Season Preparations

- Update geologic model
- Target Rank & Rate
- Design 2023 drilling campaign
- Contractor appointments

## '23 Q4

### Complete Drilling / Assay Results

- Wingspan extensions – Whistler
- Whistler Orbit targets

## '24 H2

### 2024 Drilling Campaign

- Phase 2 drilling
- Geological modelling
- Update Mineral Resource Estimate
- Heritage/Archaeology
- Geomet sampling
- Relog Program

## '23 Q1

### IPO

- Dataset Visualization
- Target Definition
- 3D geologic model
- Plan & Budget

## '23 Q3

### 2023 Drilling Campaign

- Re-Open Whistler Camp
- 6,200m drilling commenced
- Infill & Wingspan Expansion
- New Exploration Targets
- Environmental Baseline

## '24 H1

### 2024 Drilling Campaign

- '23 Assay Results
- Geological model update
- Whistler Orbit target rank & rate
- Phase 2 exploration planning
- Stakeholder Engagement
- Environmental Baseline



# U.S. GOLD MINING

## WHISTLER GOLD-COPPER PROJECT

### Introduction

### Project History

### Rediscovery & Success

- ◀ Taking a second look at the data
- ◀ Industry advances in understanding of porphyry systems
- ◀ 2023 and 2024 exploration seasons
  - ◀ Drilling
  - ◀ Geological Model (hot centers)
  - ◀ Surficial geology
  - ◀ Till sampling
  - ◀ Metallurgy
  - ◀ Environmental baseline
  - ◀ Community engagement

### Project Outlook



# Data Roundup

- Historical Database
- Assay certificates
- Collar and survey records
- Drill Logs
- Photos
- GIS shapes and layers
- Geophysical surveys
- Historical models



- Relogging historical core
- Re-evaluate previous assumptions
- Reprocessing of historical geophysical data
- Holistic, “from the ground up” approach
- Apply new understandings of porphyry systems

- Organization
- Completeness checks
- Gap analysis
- Recording the data integration process





# Whistler Exploration History

Activity		Cominco	Kennecott	Geoinformatics	Kiska	US GoldMining		TOTAL
		1986-1990	2003-2006	2007-2008	2009-2011	2015-2023	2024	
Drilling	Holes	16	35	18	188	4	5	<b>266</b>
	Meters	1,676	12,448	7,623	48,497	2,234	4,005	<b>76,483</b>
Rocks Samples			1358 <sup>^</sup>	20	462*		25	<b>1,865</b>
Soils Samples			2445 <sup>^</sup>	14	2679*			<b>5,138</b>
Silts Samples			113		73		35*	<b>221</b>
Mapping			Property <sup>^</sup>	Whistler, ASTER	Island Mountain, Muddy Creek, Whistler	Drone Imagery	Drone Imagery, Targeted Site Visits	
Geophysics		2DIP	2DIP AeroMag	2DIP, Mag Inversion	AeroTEM, 3DIP, 2DIP, Mag Inversion	Mag 3D inversion modeling		
Other			Metallurgy Petrography		Engineering Imagery Petrography	Data Consolidation Environmental baseline Reelog program	Geological Model Metallurgical Testwork Top of bedrock sampling Hyperspectral Study Reelog program	
Resource	Indicated			<b>1.31 Ind moz<sup>1</sup></b>	<b>2.25 Ind moz<sup>2</sup></b>	<b>2.99 Ind moz<sup>3</sup> AuEq</b>	<b>6.48 Ind moz<sup>5</sup> AuEq</b>	
AuEq	Inferred			<b>4.44 Inf moz<sup>1</sup></b> SRK	<b>3.35 Inf moz<sup>2</sup></b> MMTS	<b>6.45 Inf moz<sup>4</sup> AuEq</b> MMTS	<b>4.16 Inf moz<sup>5</sup> AuEq</b> MMTS	

<sup>^</sup> = Whistler, Raintree, Island Mountain, Muddy Creek, Snow Ridge, Puntilla, Round Mountain, Canyon Creek

\* = Whistler, Raintree, Island Mountain, Muddy Creek, Rainmaker, Puntilla,

1. Whistler Pit & UG. US\$550/oz Au, US\$8/oz Ag, and US\$1.50/lb Cu. Indicated at 0.87 gpt Au, 0.24% Cu, 2.46 gpt Ag, Inferred at 0.64 gpt Au, 0.20% Cu, 2.18 gpt Ag.

2. Whistler Pit. US\$990/oz Au, US\$15.40/oz Ag, and US\$2.91/lb Cu. Indicated at 0.51 gpt Au, 0.17% Cu, 1.97 gpt Ag, Inferred at 0.40 gpt Au, 0.15% Cu, 1.75 gpt Ag.

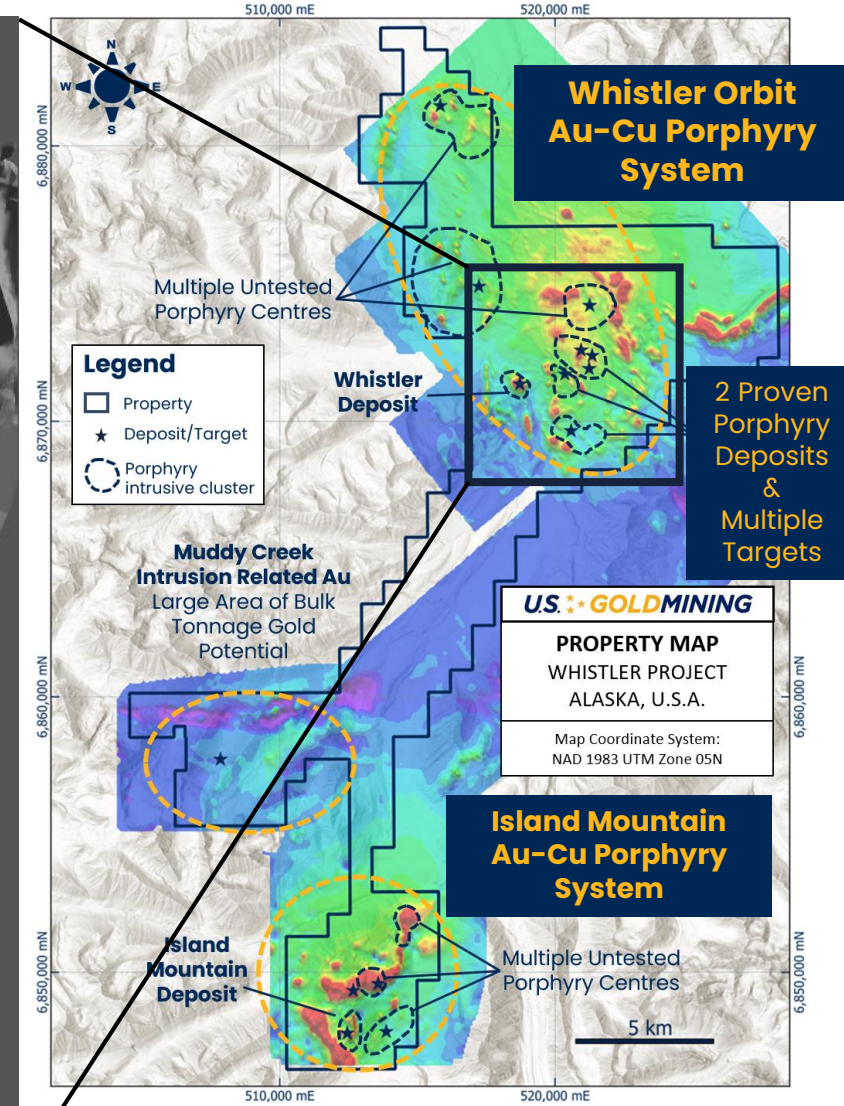
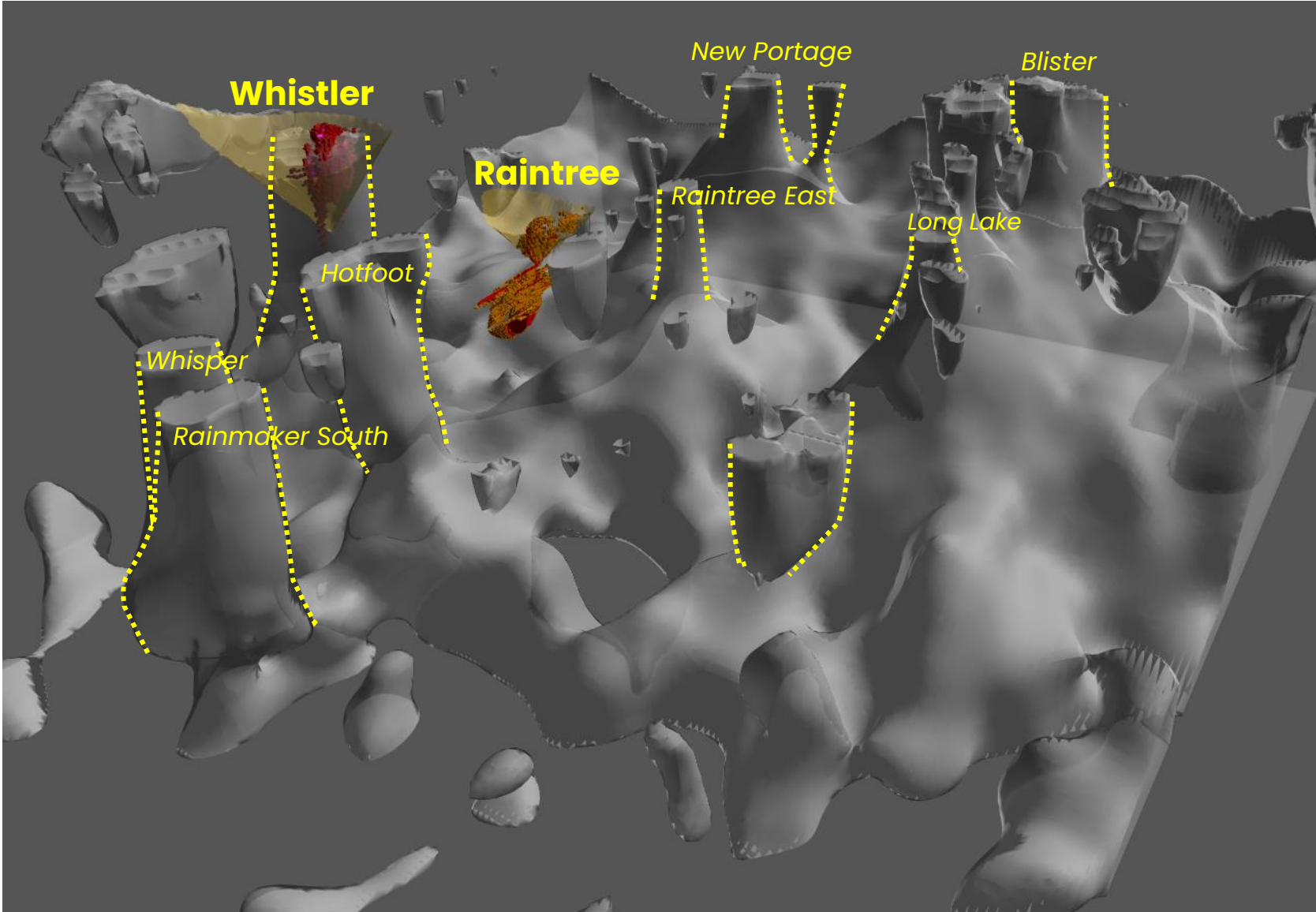
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# Whistler – Raintree Orbit

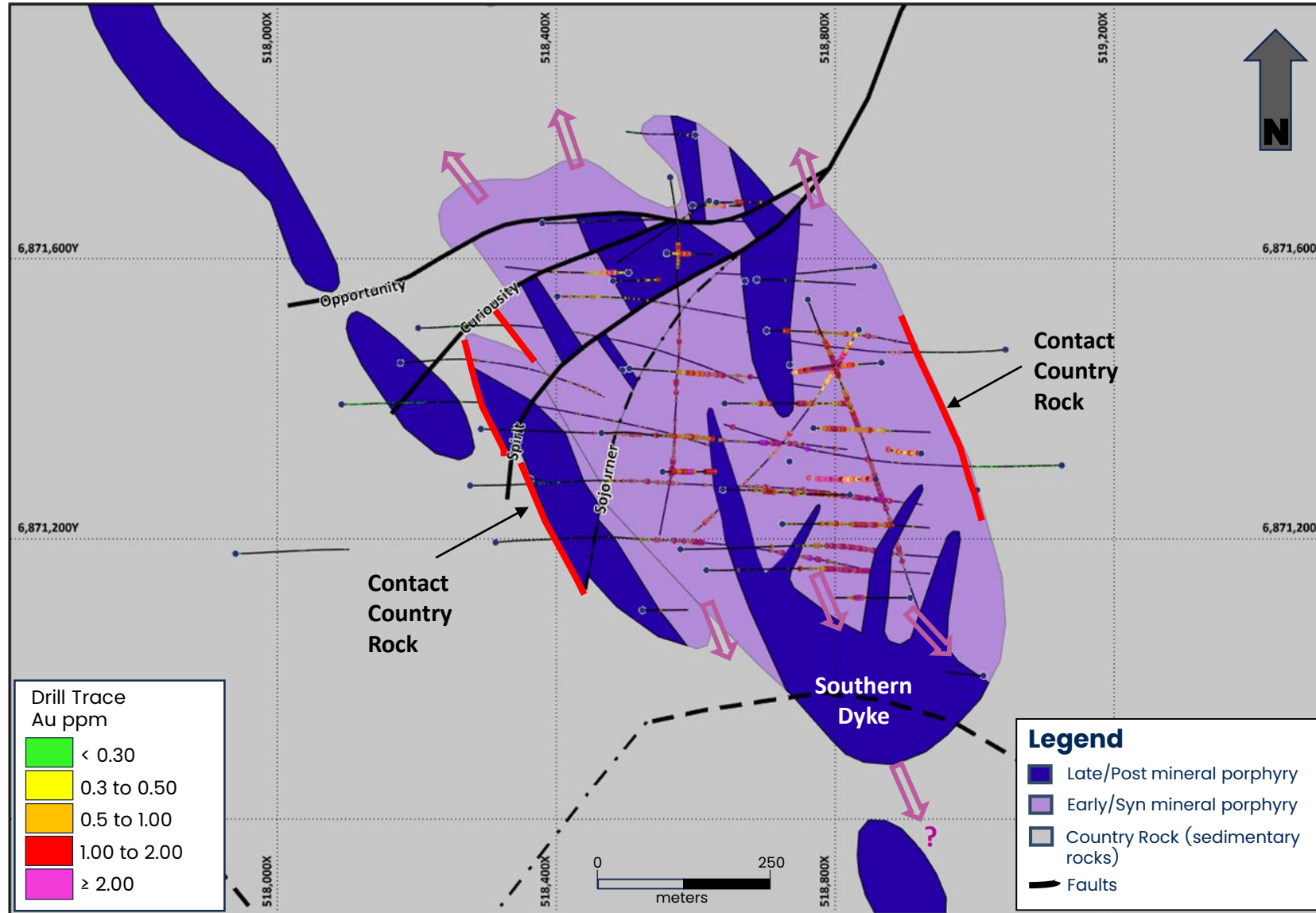
Porphyry Cluster





# Whistler Deposit

## 2024 Geologic Model



### Whistler Intrusive Suite

The 'WIS' comprises a composite of productive (mineralized) intrusive phases, cut by late- to post-mineral intrusive phases.

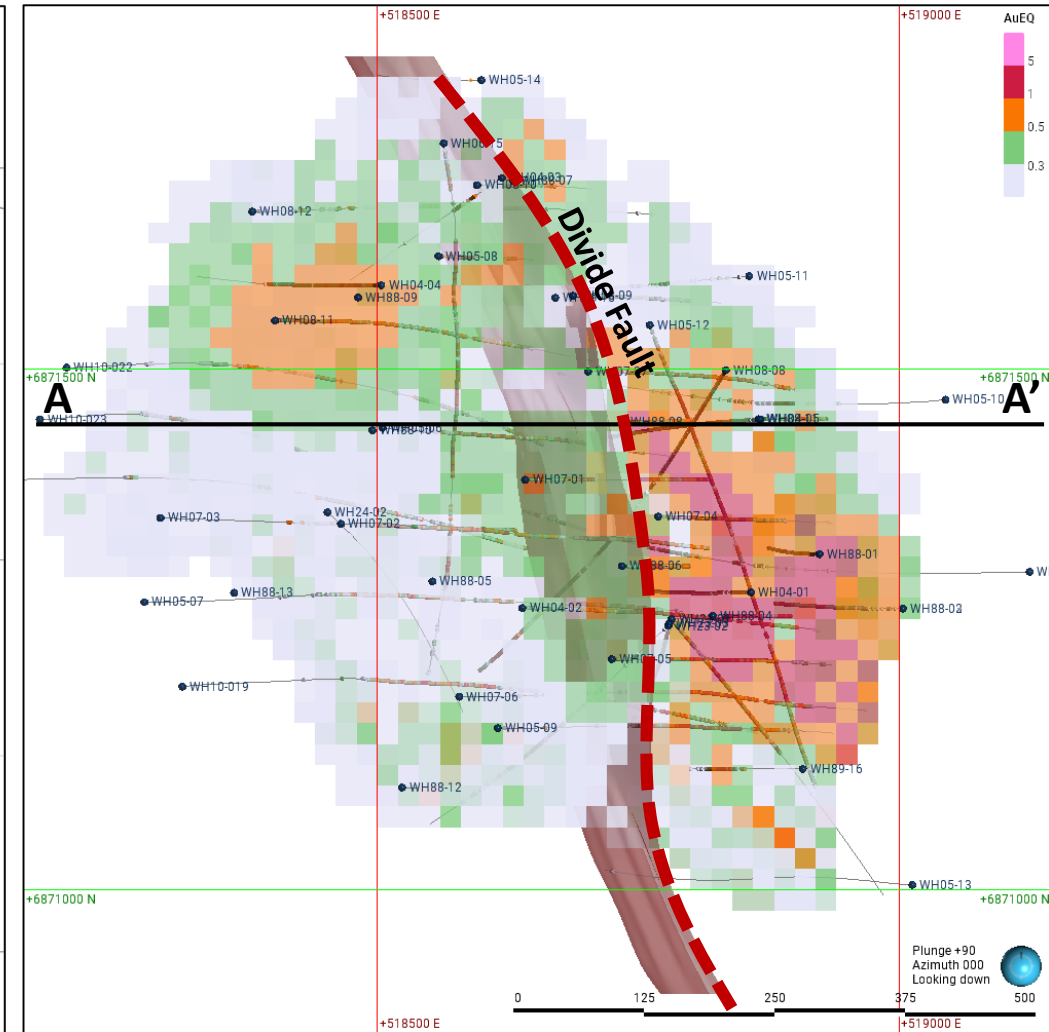
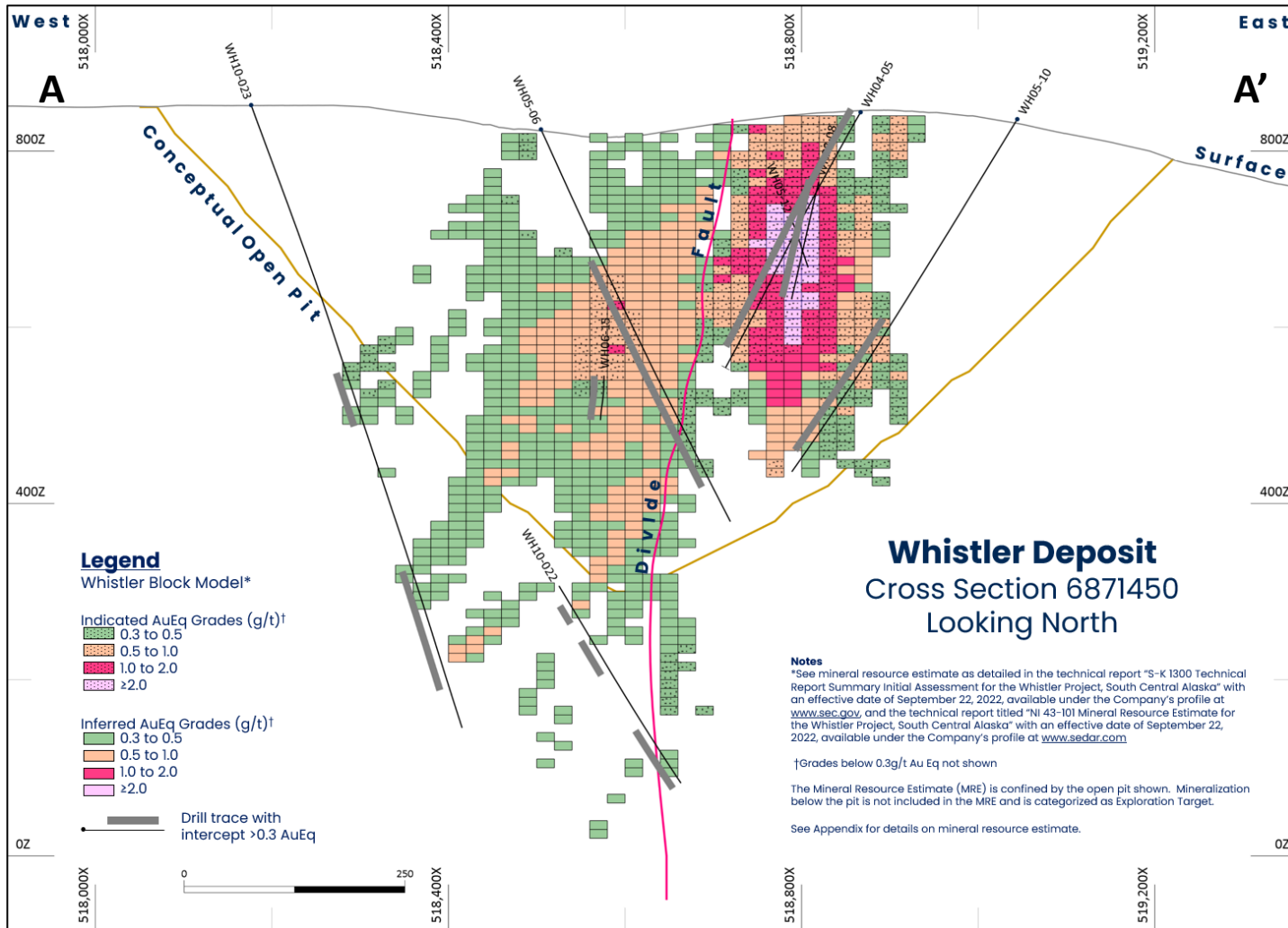
Drilling to date has only constrained the WIS on the east and west margins.

Productive diorite porphyry remains open to north and south (see arrows).

Late-stage dykes wedged apart earlier productive porphyry phases, suggesting potential to locate additional mineralization on opposing contacts.

# Whistler 2022 Model

## MMTS 2022 Resource Model





# 2023 – 2024 Exploration Program

6,200 meter drilling program complete!

**Exploration strategy to optimize growth potential & quality of existing resources**

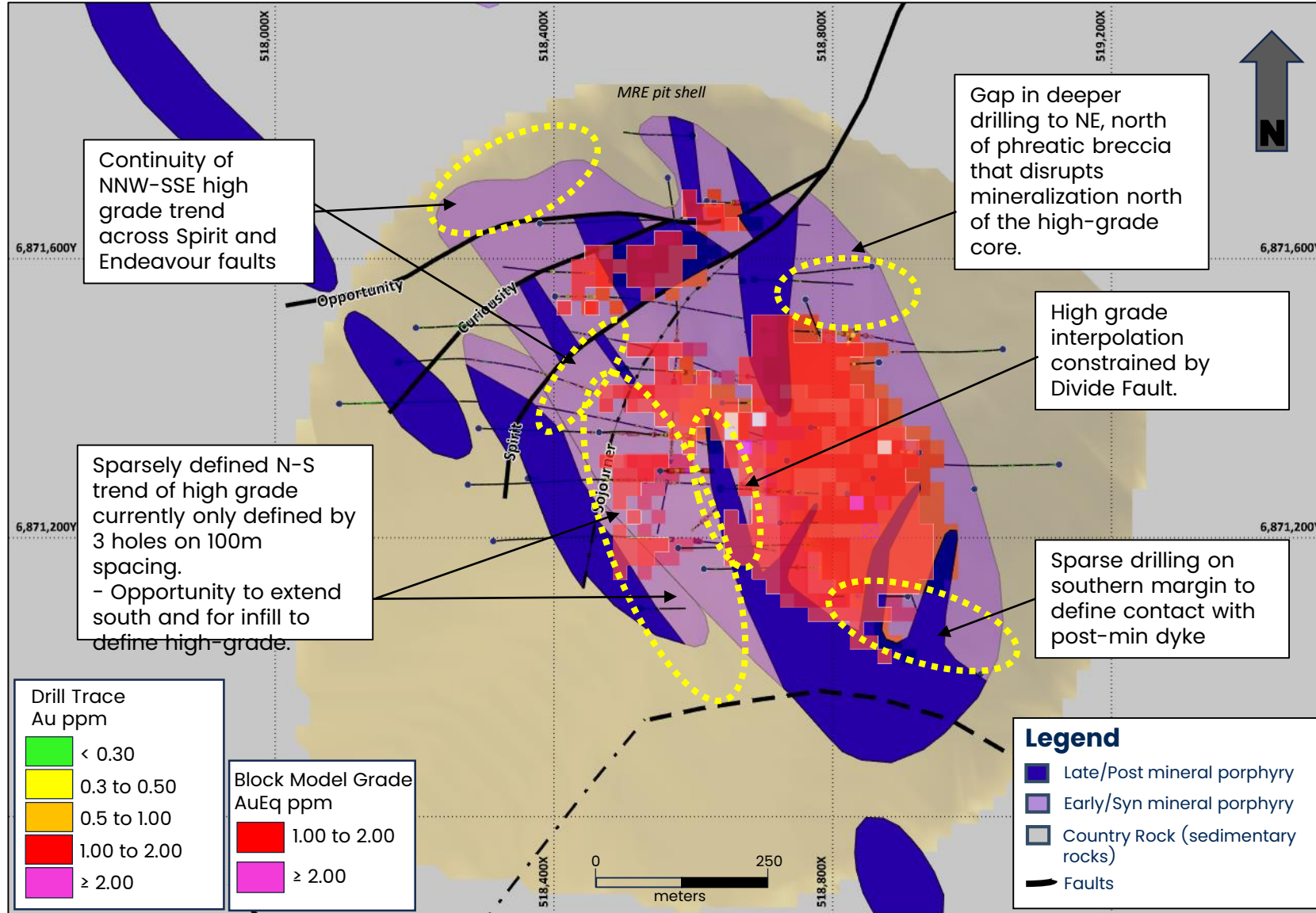
**Focus on flagship Whistler Deposit & Whistler Orbit**

- 1. Wingspan Exploration** – *Extensions of existing deposits*
  - Opportunities to expand current resource
- 2. Improve resource confidence** – *Convert Inferred to Indicated*
  - Advance the geological models to improve resource model quality
  - Infill drilling to improve high-grade continuity
- 3. Whistler ‘Orbit’ Targets** – *Discovery of new satellite resources*
  - Exploration & delineation of known porphyry centers
  - Test additional porphyry targets for new discoveries
- 4. Property Generative Exploration** – *New discovery potential*
  - Database of historic exploration data for additional porphyry, intrusion-related



# Whistler Deposit

## Wingspan Expansion & Infill Targets



3D analysis of the distribution of the previous drilling and current mineral resource block model against the WIS geologic model, indicates opportunities (in yellow) to expand and/or connect zones of existing copper-gold mineralization.

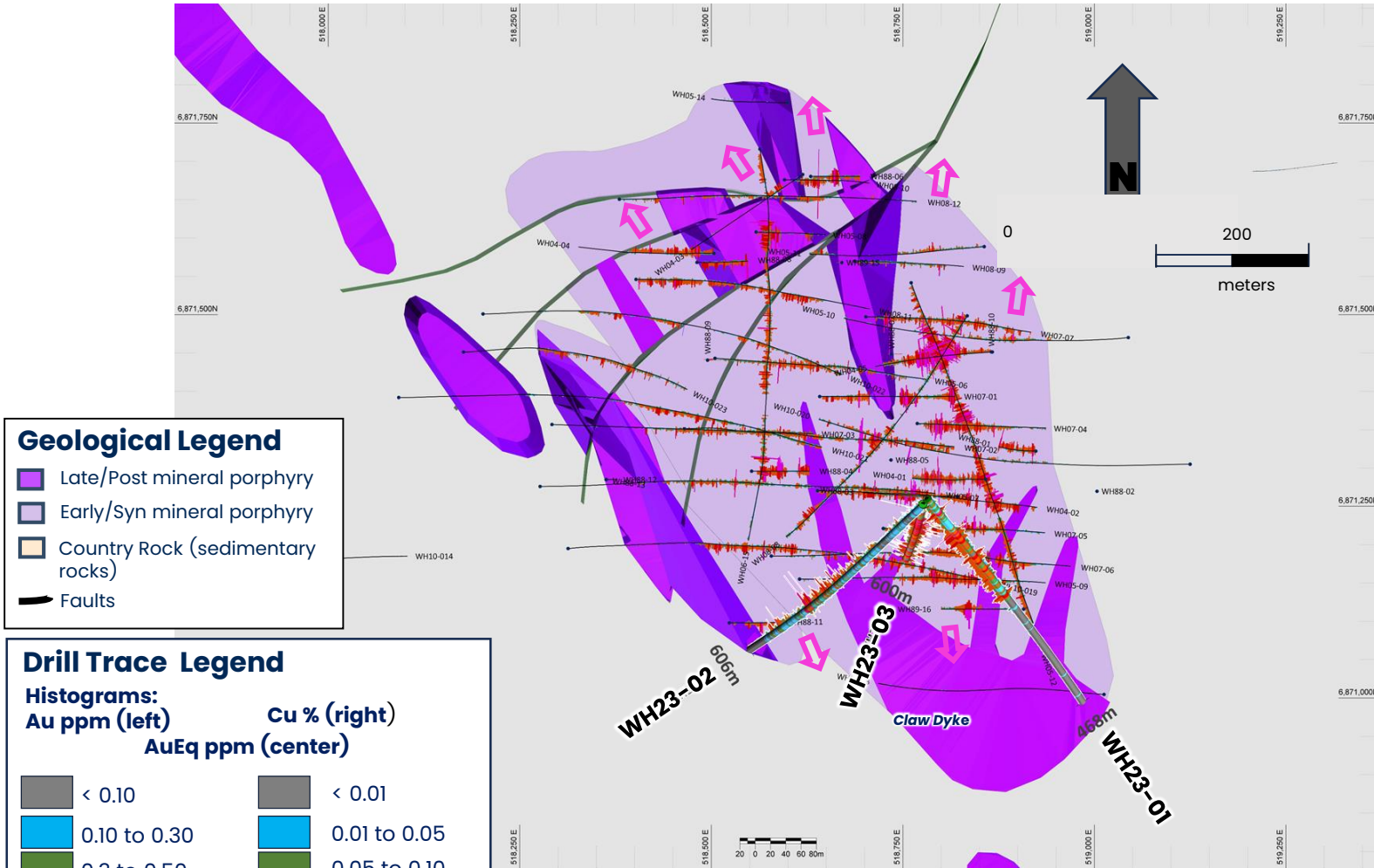
The eastern high-grade core is not adequately drill-defined to the south, nor to the north where mineralization may continue at depth.

The western part of Whistler is only sparsely drilled and remains open to the south along strike, and potentially also to the north of the Rover Fault system.



# Whistler Deposit

## Wingspan Expansion & Infill Drill Results



**Geological Legend**

- Late/Post mineral porphyry
- Early/Syn mineral porphyry
- Country Rock (sedimentary rocks)
- Faults

**Drill Trace Legend**

Histograms:	
Au ppm (left)	Cu % (right)
AuEq ppm (center)	
<span style="display: inline-block; width: 15px; height: 15px; background-color: #808080; border: 1px solid black;"></span> < 0.10	<span style="display: inline-block; width: 15px; height: 15px; background-color: #808080; border: 1px solid black;"></span> < 0.01
<span style="display: inline-block; width: 15px; height: 15px; background-color: #00BFFF; border: 1px solid black;"></span> 0.10 to 0.30	<span style="display: inline-block; width: 15px; height: 15px; background-color: #00BFFF; border: 1px solid black;"></span> 0.01 to 0.05
<span style="display: inline-block; width: 15px; height: 15px; background-color: #3CB371; border: 1px solid black;"></span> 0.3 to 0.50	<span style="display: inline-block; width: 15px; height: 15px; background-color: #3CB371; border: 1px solid black;"></span> 0.05 to 0.10
<span style="display: inline-block; width: 15px; height: 15px; background-color: #0000FF; border: 1px solid black;"></span> 0.5 to 1.00	<span style="display: inline-block; width: 15px; height: 15px; background-color: #0000FF; border: 1px solid black;"></span> 0.10 to 0.25
<span style="display: inline-block; width: 15px; height: 15px; background-color: #FF0000; border: 1px solid black;"></span> 1.00 to 2.00	<span style="display: inline-block; width: 15px; height: 15px; background-color: #FF0000; border: 1px solid black;"></span> 0.25 to 0.50
<span style="display: inline-block; width: 15px; height: 15px; background-color: #FF00FF; border: 1px solid black;"></span> ≥ 2.00	<span style="display: inline-block; width: 15px; height: 15px; background-color: #FF00FF; border: 1px solid black;"></span> ≥ 0.50

### 2023-2024 Drill Results

#### WH23-01: 241.05 meters at 0.60 g/t AuEq

From 1.95 meters depth (0.33 g/t Au, 0.16% Cu and 1.86 g/t Ag)

*Confirmed mineralization to surface on south slope, tested southern contact with Claw Dyke*

#### WH23-02: 142.34 meters at 0.51 g/t AuEq

From 305 meters depth (0.17 g/t Au, 0.21% Cu and 1.05 g/t Ag)

*Expanded mineralization 100m to south on western hemisphere of IMP, open to south & depth*

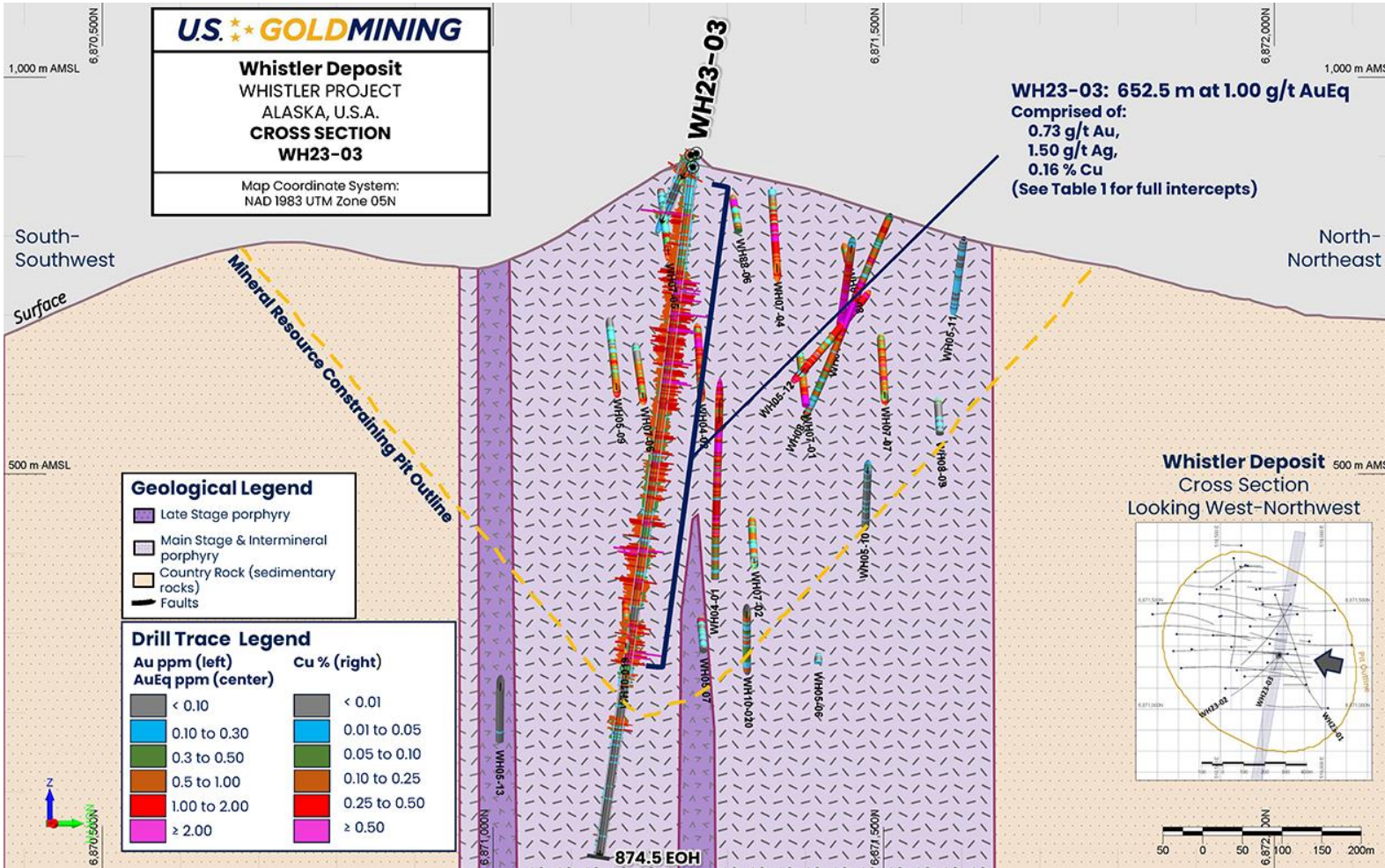
#### WH23-03: 652.5 meters at 1.00 g/t AuEq

From 7 meters depth (0.73 g/t Au, 0.16% Cu and 1.5 g/t Ag) to 659.5 m downhole

*Confirmed continuity of mineralization on southern margin of the 'high-grade core', opportunity to extend mineralization to depth*

# Whistler Deposit

## Wingspan Expansion & Infill Drill Results





# 2024 Whistler Deposit Mineral Resource Estimate

Large Gold Inventory with Significant Copper Component

**Table 1: Mineral Resource Estimate for the Total Whistler Project (Effective date: September 12, 2024)**

Class	Deposit	Cut-off Value (US\$/t)	ROM Tonnage (ktonnes)	In situ Grades					In situ Metal			
				NSR (US\$/t)	AuEqv (g/t)	Au (g/t)	Cu (%)	Ag (g/t)	AuEqv (koz)	Au (koz)	Cu (mlbs)	Ag (koz)
Indicated	Whistler Pit	10	282,205	22.84	0.68	0.41	0.16	1.89	6,201	3,724	999	17,166
	Raintree Pit	10	8,905	21.08	0.63	0.46	0.08	4.81	180	131	16	1,378
	<b>Indicated Open Pit</b>	varies	<b>291,410</b>	<b>22.79</b>	<b>0.68</b>	<b>0.41</b>	<b>0.16</b>	<b>1.98</b>	<b>6,381</b>	<b>3,855</b>	<b>1,015</b>	<b>18,544</b>
	Raintree UG	25	3,064	34.41	1.03	0.79	0.13	4.49	101	78	9	443
	<b>Total Indicated</b>	varies	<b>294,474</b>	<b>22.91</b>	<b>0.68</b>	<b>0.42</b>	<b>0.16</b>	<b>2.01</b>	<b>6,482</b>	<b>3,933</b>	<b>1,024</b>	<b>18,987</b>
Inferred	Whistler Pit	10	18,224	21.01	0.63	0.40	0.13	1.75	368	233	54	1,025
	Island Mountain Pit	10	124,529	18.21	0.54	0.45	0.05	1.02	2,180	1,817	139	4,084
	Raintree Pit	10	15,056	23.12	0.69	0.55	0.06	4.36	335	267	21	2,112
	<b>Inferred Open Pit</b>	varies	<b>157,809</b>	<b>19.00</b>	<b>0.57</b>	<b>0.45</b>	<b>0.06</b>	<b>1.42</b>	<b>2,883</b>	<b>2,317</b>	<b>214</b>	<b>7,221</b>
	Raintree UG	25	40,432	32.81	0.98	0.76	0.12	3.31	1,275	994	103	4,300
<b>Total Inferred</b>	varies	<b>198,241</b>	<b>21.82</b>	<b>0.65</b>	<b>0.52</b>	<b>0.07</b>	<b>1.81</b>	<b>4,158</b>	<b>3,311</b>	<b>317</b>	<b>11,521</b>	

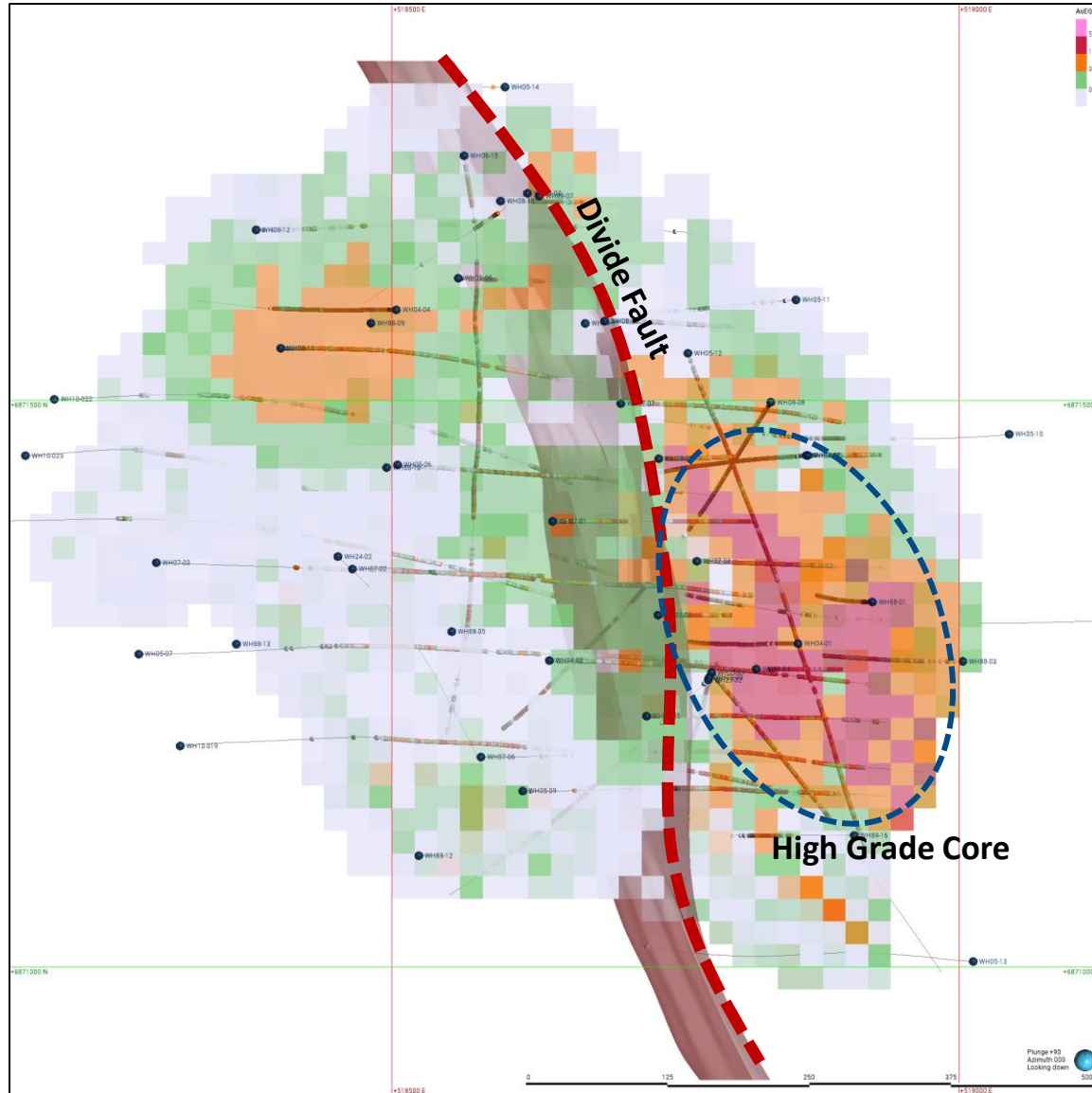
- Resource modelled from ~72,000 meters of diamond core drilling
- Three Deposits: Whistler, Raintree and Island Mountain
- Gold Resources of 3.93 Moz Indicated and 3.31 Moz Inferred
- Copper Resources of 1,024 Mlbs Indicated and 317 Mlbs Inferred



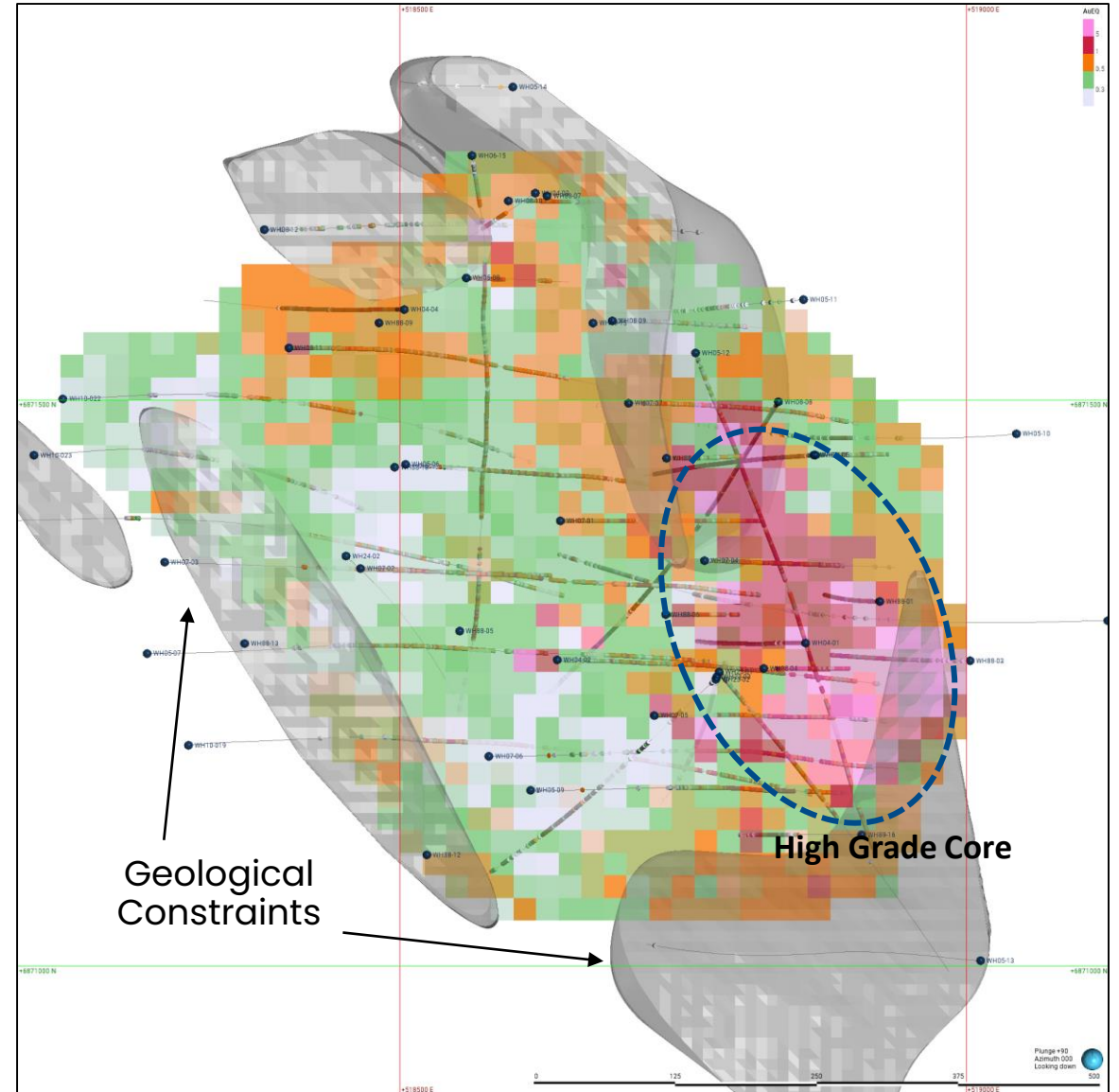
\*Additional details of the mineral resource estimate are set forth in the S-K 1300 Report titled “S-K 1300 Technical Report Summary Initial Assessment for the Whistler Project”, Effective Date 12 September 2024 and Date of Issue 7 October 2024, a copy of which is available under the Company’s profile at [www.sec.gov](http://www.sec.gov).

AuEq = ‘Gold Equivalent’ which comprises gold + copper + silver combined and expressed as gold grams per tonne.

# Whistler Deposit Block Model Changes



SK1300 MMTS **2022**



SK1300 MMTS **2024**





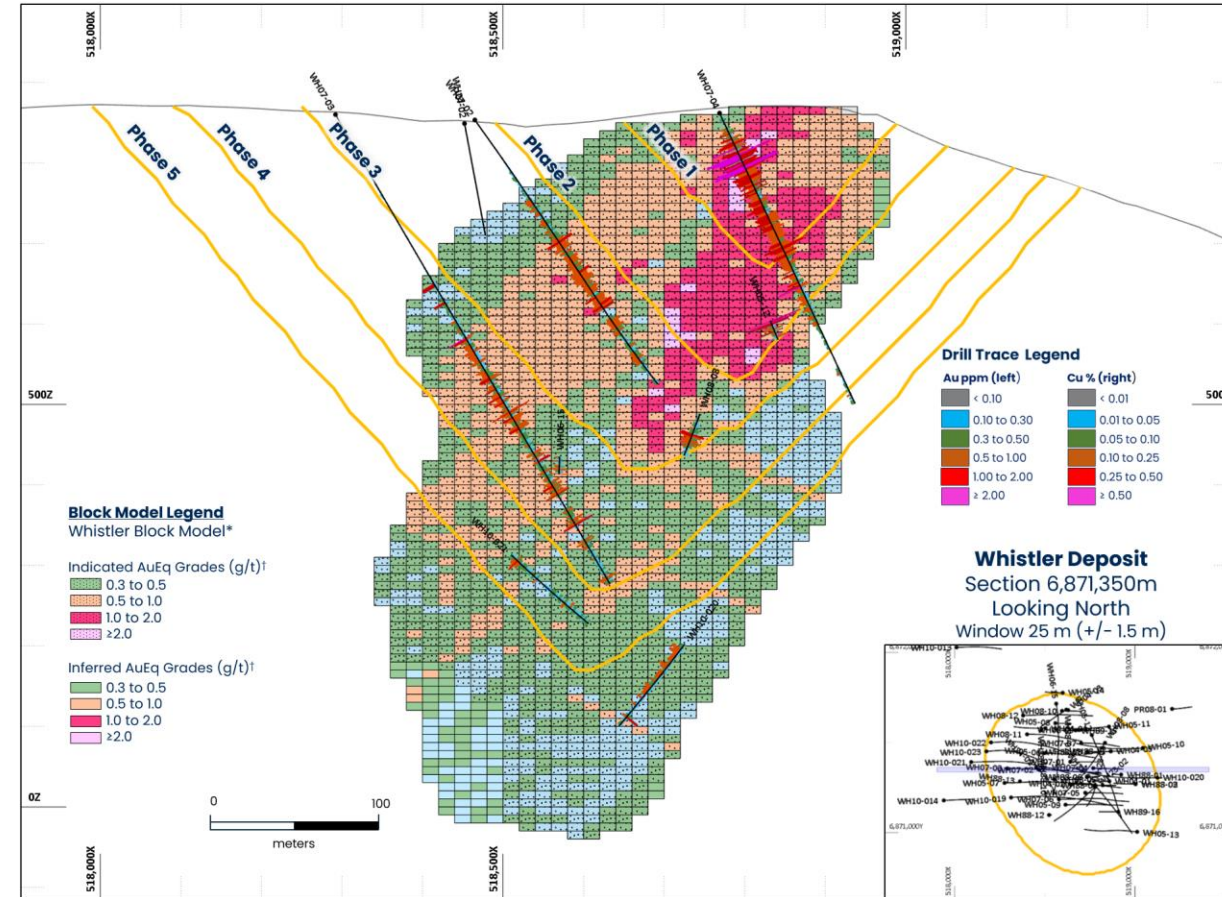
# 2024 Whistler Deposit Mineral Resource Estimate

Classification	Million Tonnes (Mt)	Grade*				Contained Metal*			
		Gold g/t	Silver g/t	Copper %	AuEq g/t	Gold Moz	Silver Moz	Copper Mlbs	AuEq Moz
<b>Indicated</b>	294.5	0.42	2.01	0.16	0.68	3.93	18.99	1,024.0	6.48
<b>Inferred</b>	198.2	0.52	1.81	0.07	0.65	3.31	11.52	317.0	4.16

\*At \$10.00/tonne cutoff (except Raintree Underground at \$25.00/tonne)

- +117% Indicated (now 61% overall, previously 32% of total MRE) – More than Doubled!
- Principal additions are ‘by the drill bit’ within Whistler Deposit
  - 2022: 2.74 Moz AuEq Indicated + 1.71 Moz AuEq Inferred
  - 2024: 6.20 Moz AuEq Indicated + 0.37 Moz AuEq Inferred (now 94% Indicated)

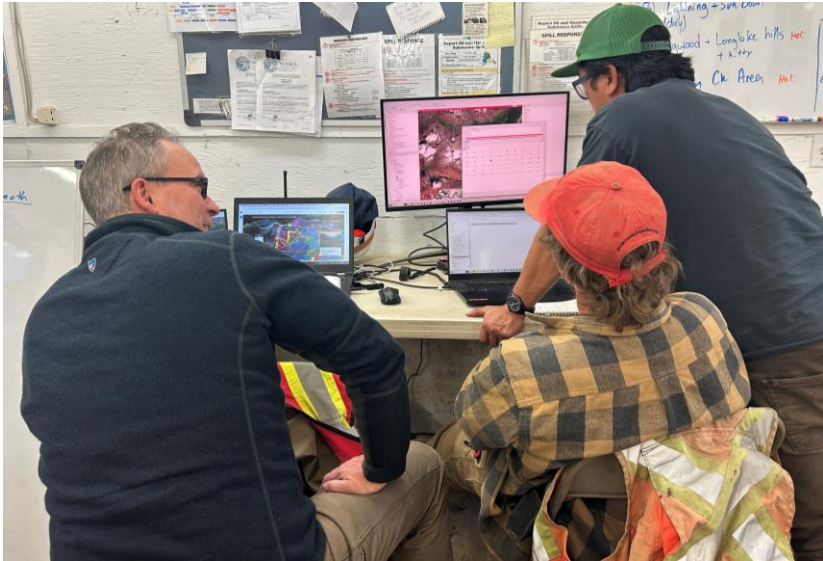
## MMTS 2024 (Effective Date 12<sup>th</sup> Sept, 2024)



\*Additional details of the mineral resource estimate are set forth in the S-K 1300 Report titled “S-K 1300 Technical Report Summary Initial Assessment for the Whistler Project”, Effective Date 12 September 2024 and Date of Issue 7 October 2024, a copy of which is available under the Company’s profile at [www.sec.gov](http://www.sec.gov).  
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# Other projects at Whistler





# Whistler Baseline studies and reclamation



Water Sampling



Rainy Pass Cleanup



Drill Pad Reclamation



# U.S. GOLD MINING

## WHISTLER GOLD-COPPER PROJECT

### Introduction

### Project History

### Rediscovery & Success

### Project Outlook

- ◀ Environmental baseline
- ◀ Community engagement
- ◀ Metallurgical process test work
- ◀ Engineering studies
- ◀ Continued exploration testing more Whistler style targets





# Thank you to our business partners

# EQUITY



ALASKA MINERALS INC.

