



# The Search for District-Scale Au-Ag-Rich VMS Deposits in the Golden Triangle, British Columbia, Canada

**August 2023**

TSX.V: ESK – USA.OTC: ESKYF – Frankfurt: KN7

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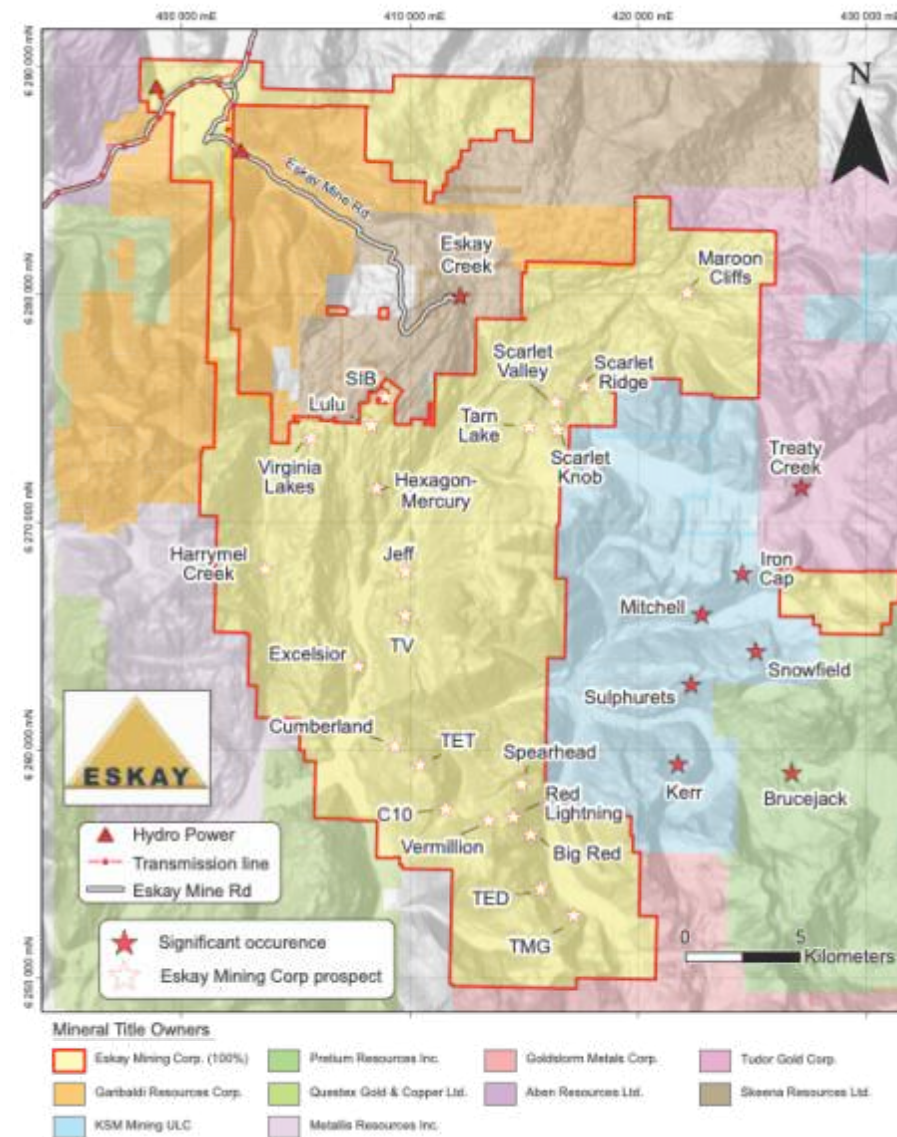
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Dr. Quinton Hennigh, P.Geo. is a qualified person as defined by NI43-101 and has reviewed the contents of this presentation.

- Property covers 602.55 km<sup>2</sup> in the heart of the precious metal-rich Golden Triangle
- Scarlet Ridge-Tarn Lake
  - 4.5 km trend of Au-Ag VMS mineralization to the east of Eskay Creek
- TV-Jeff
  - A 4.0 km trend of Au-Ag enriched VMS systems on the east limb of the Eskay anticline
- SIB-Lulu
  - A continuation of world-class Eskay Creek Au-Ag VMS trend on the west limb of the Eskay anticline

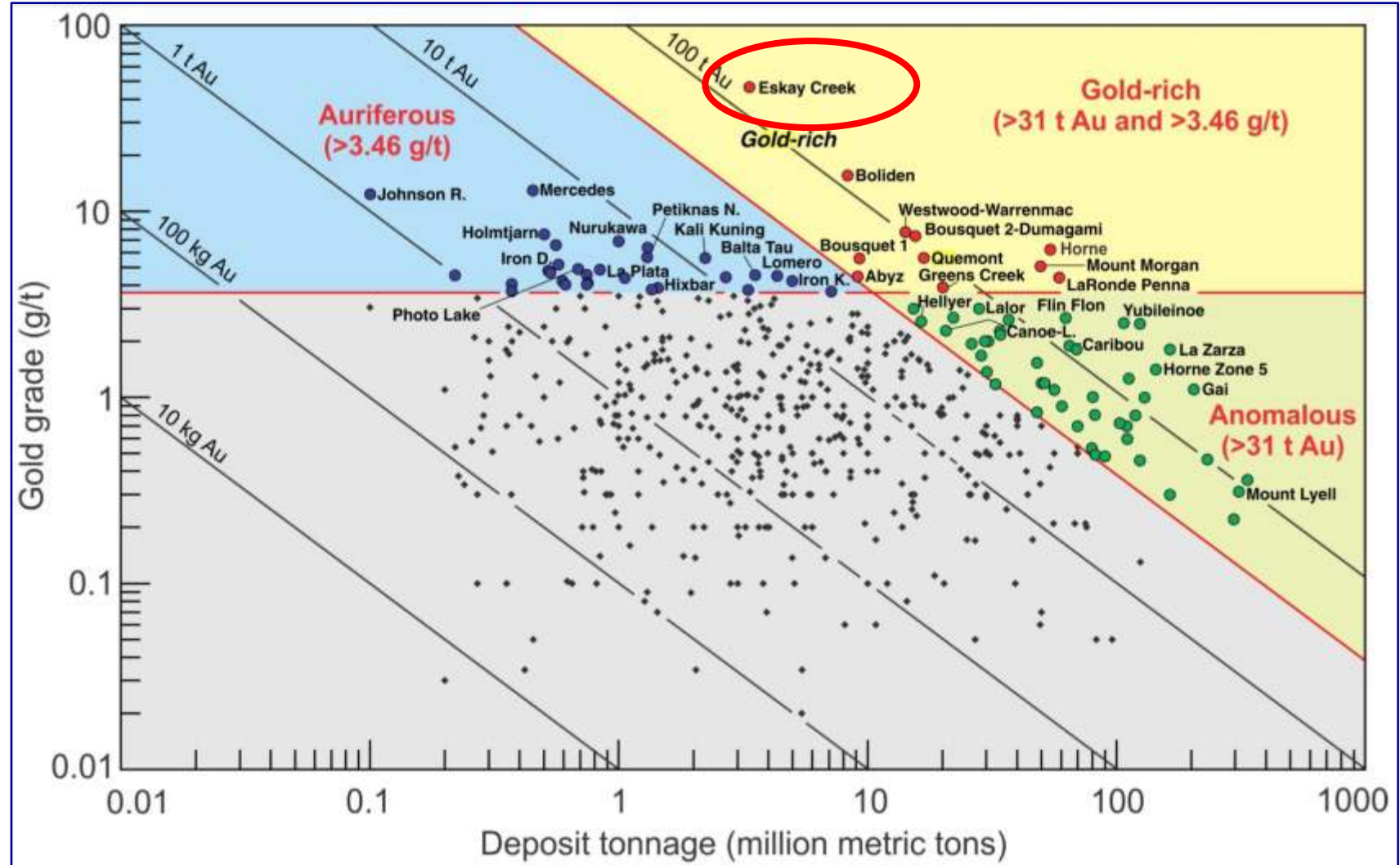


Primary target type of Eskay Mining is precious metal rich VMS deposits located along geologic trend of the prolific Eskay Creek Mine.

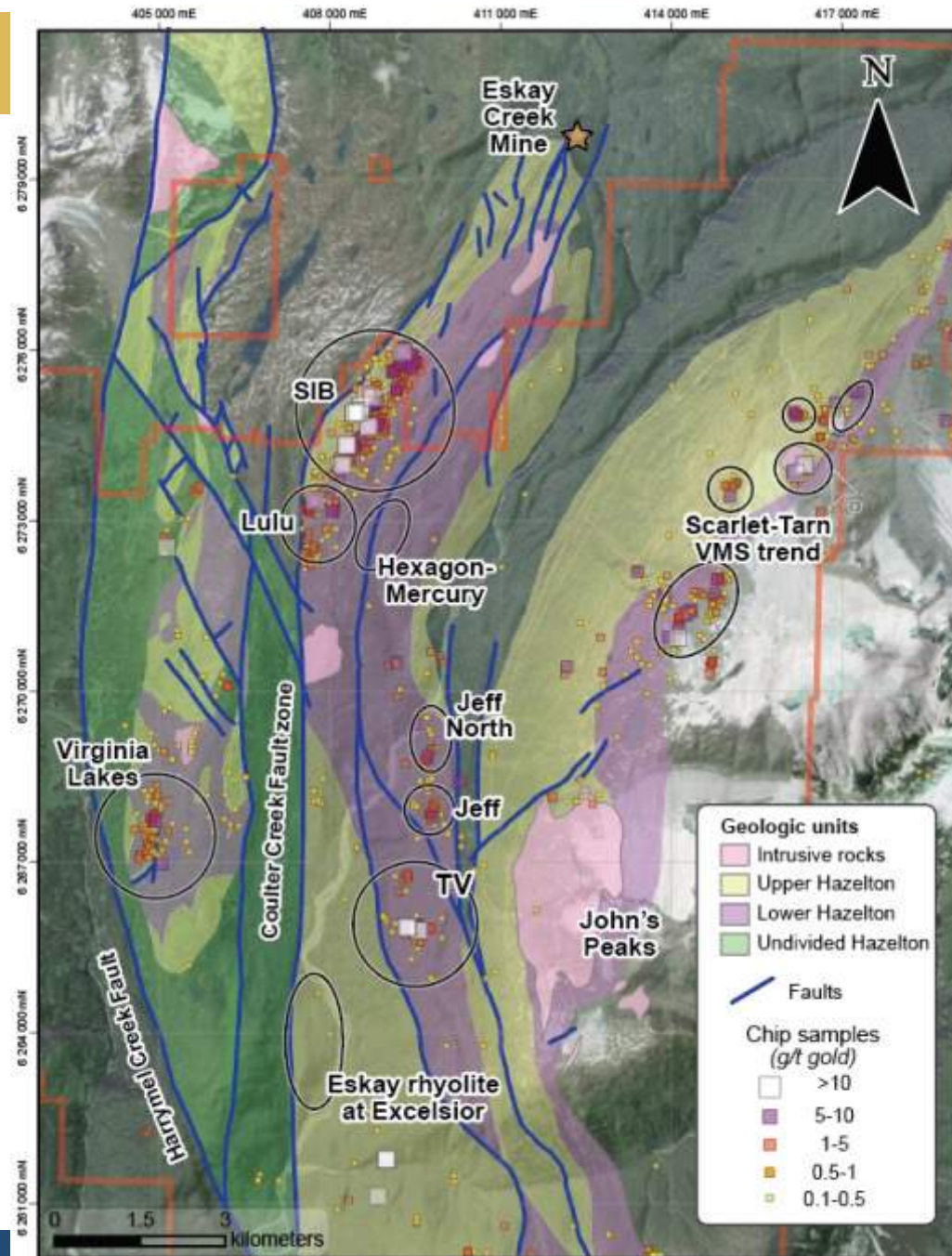
Eskay Creek mine:

- **Historic production of:**
  - **3.3M oz Au** and
  - **161M oz Ag**
- **Average grade of:**
  - **45.57g/t Au** and
  - **2,231 g/t Ag**

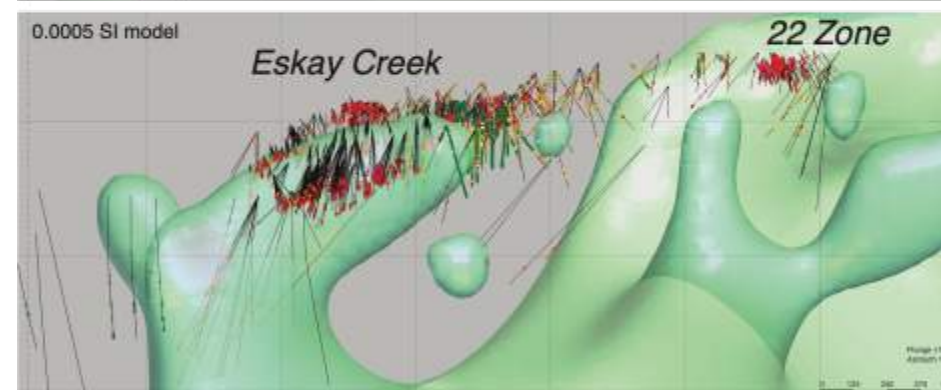
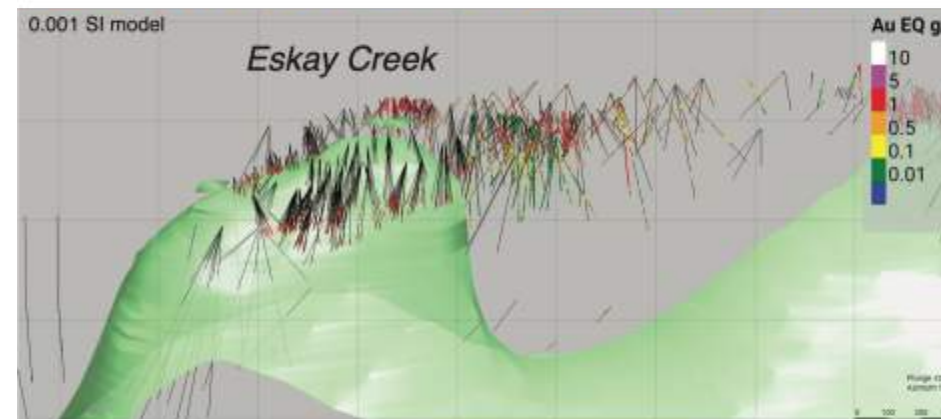
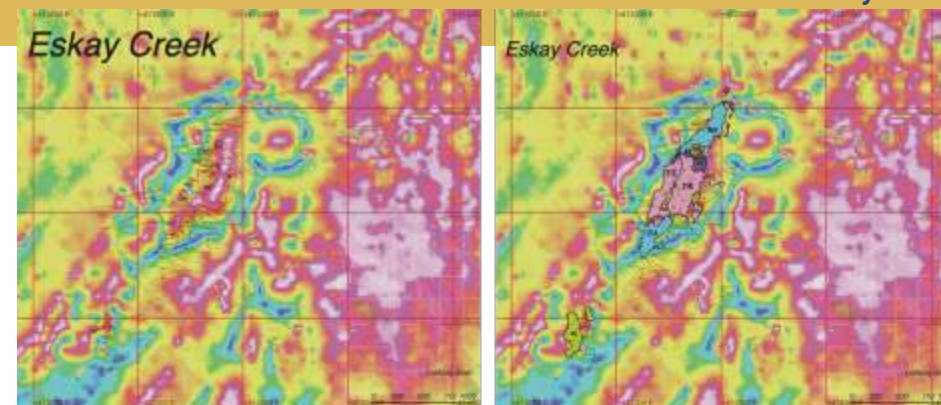
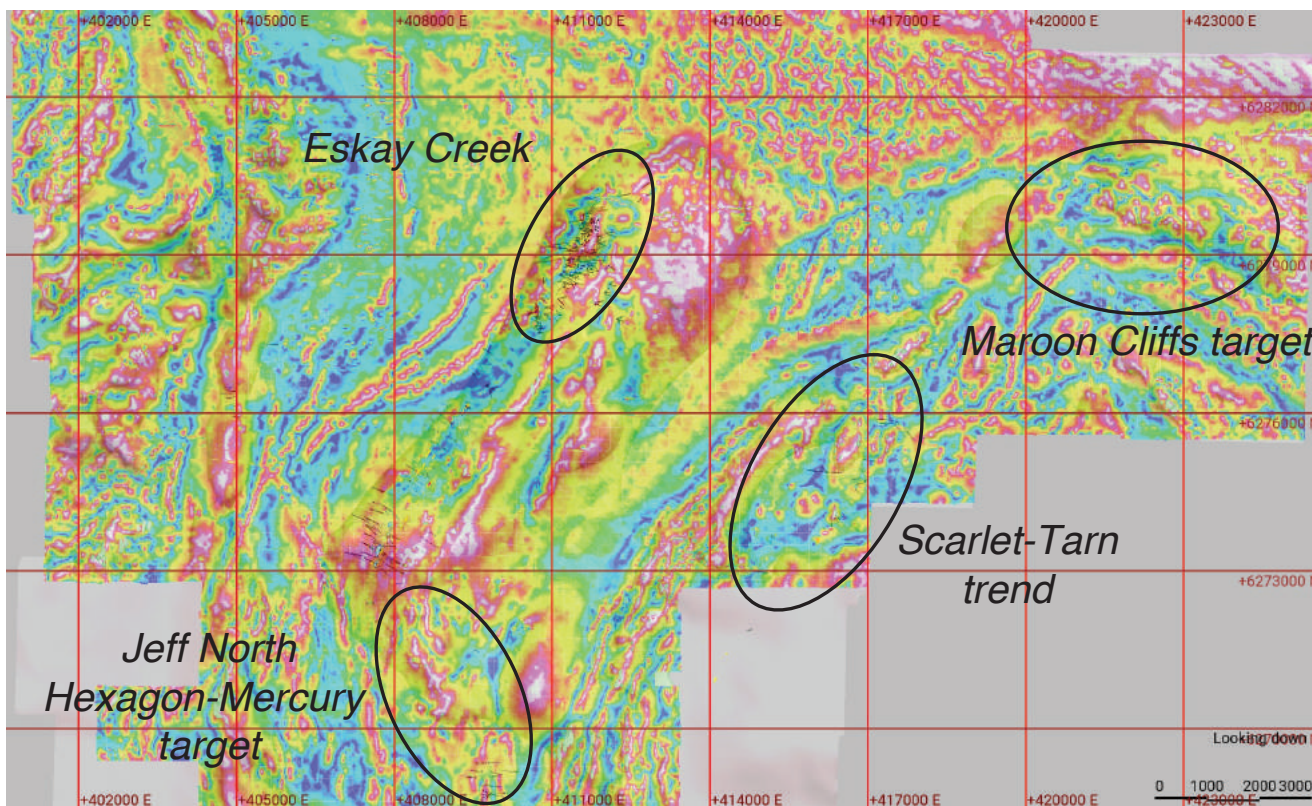
The highest Au and Ag grades of ALL VMS deposits on Earth



- Geologic plan map showing a new interpretation for the distribution of mineralized stratigraphy in the Eskay Creek area with gold in surface samples.
- Map displays correlative domains where upper Hazelton Group Eskay rhyolite is host to VMS mineralization along the Scarlet-Tarn trend.
- Also labeled are VMS showings along extensions of the Eskay Anticline to the south at SIB-Lulu, Hexagon-Mercury, TV-Jeff, and Excelsior.

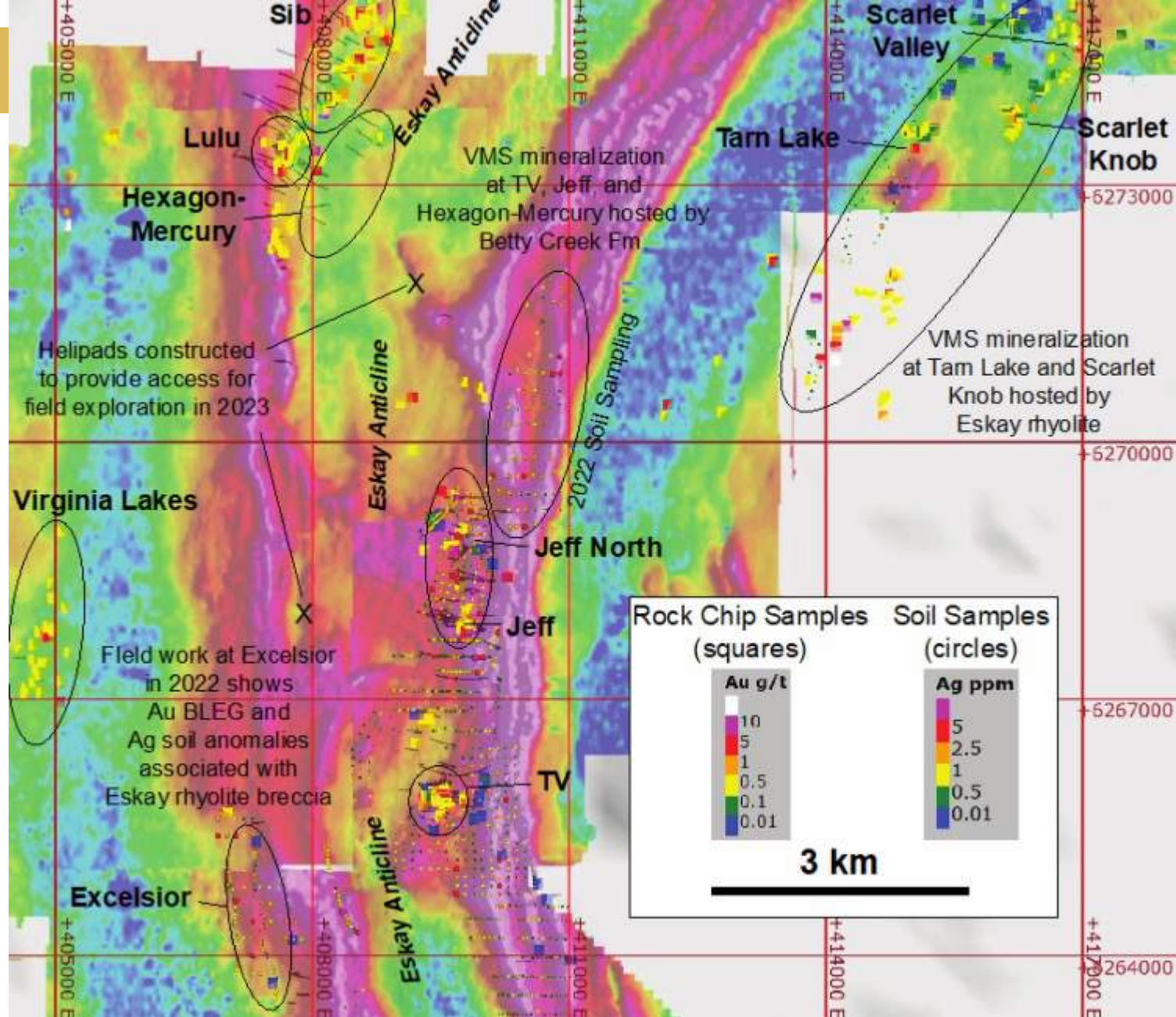


- EM survey done in 2021 includes the Eskay Creek VMS deposit
- A distinct bulls-eye magnetic anomaly is associated with Eskay Creek
- Several similar anomalies occur on Eskay's Property

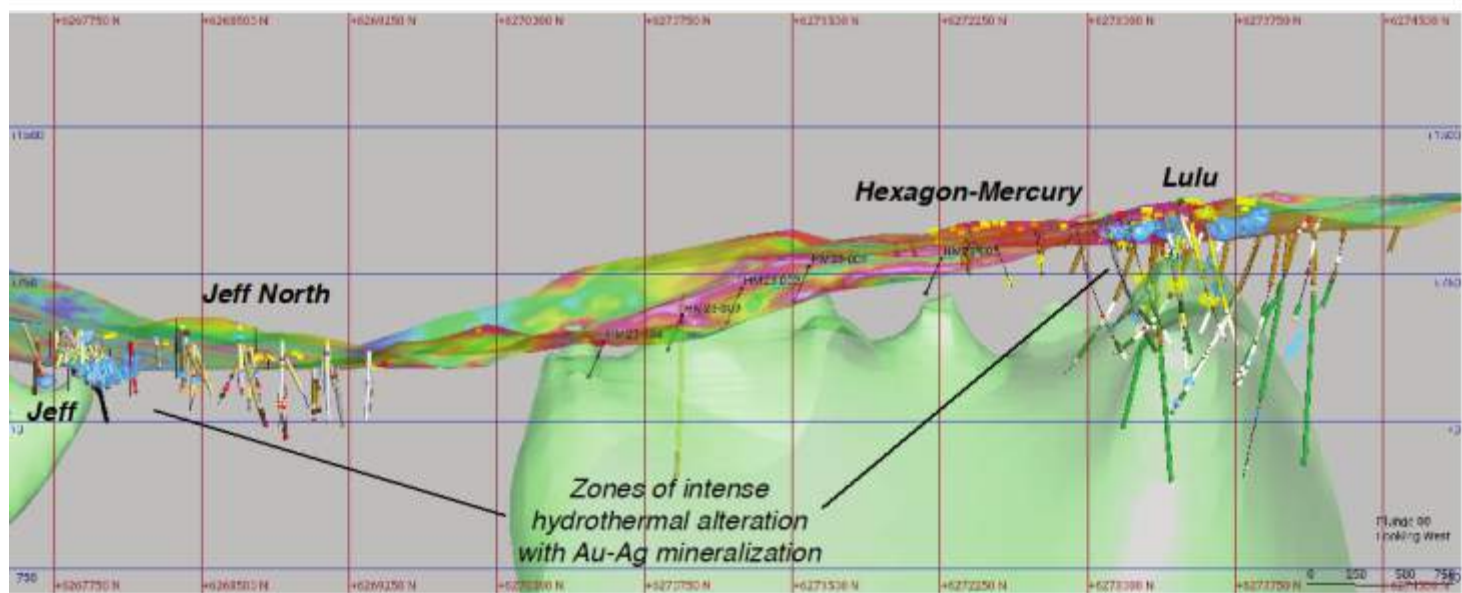
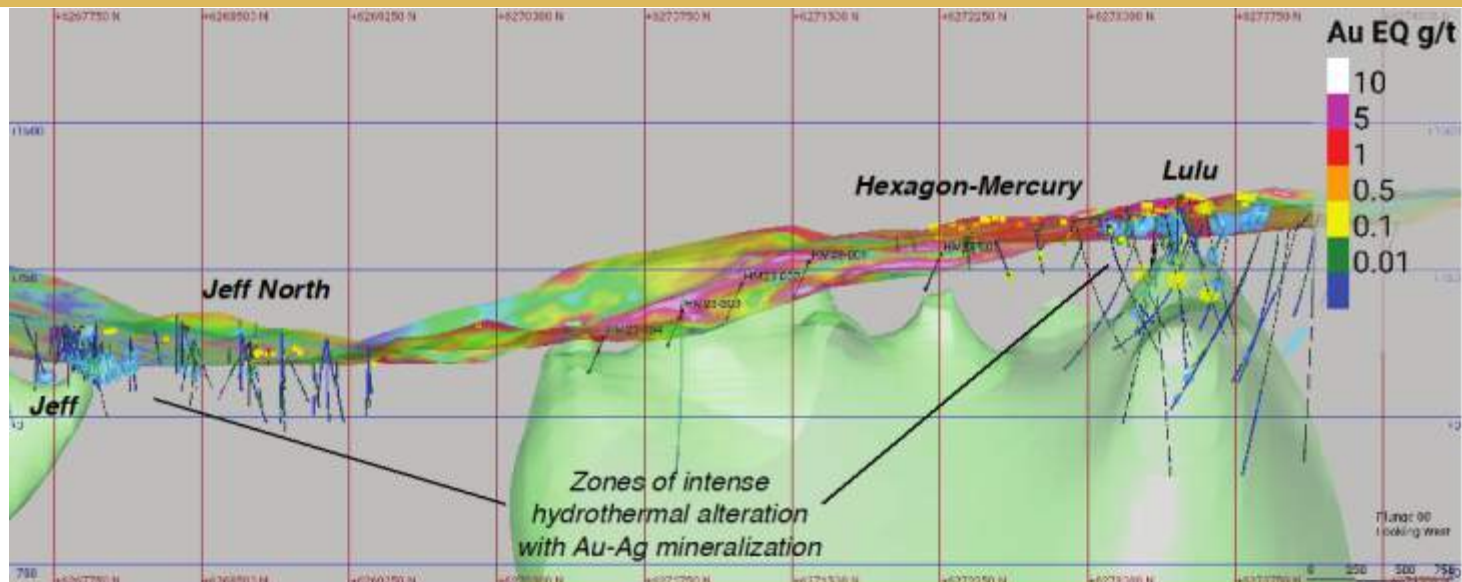
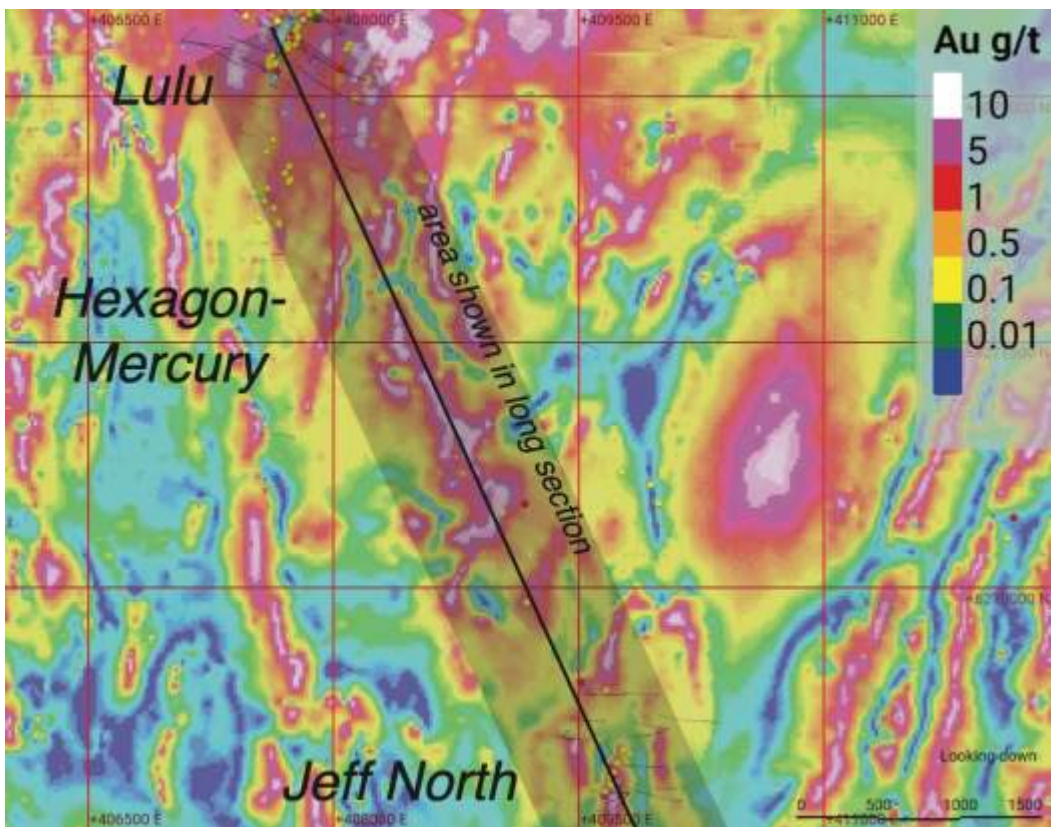


# Hexagon-Mercury

- Underexplored area between Jeff North and Hexagon-Mercury.
- SkyTEM data shows stratiform conductors extending from Jeff North towards Hexagon-Mercury. Historic rock chip samples indicate the presence of Au along these conductors.
- Historic drill holes at Hexagon-Mercury are noted, and intercepted Au and Ag mineralization up to 8.08 g/t Au over 2 m, as well as Hg values up to 100 ppm.
- Known mineralization intercepted by drilling hosted by lower Hazelton Group rocks

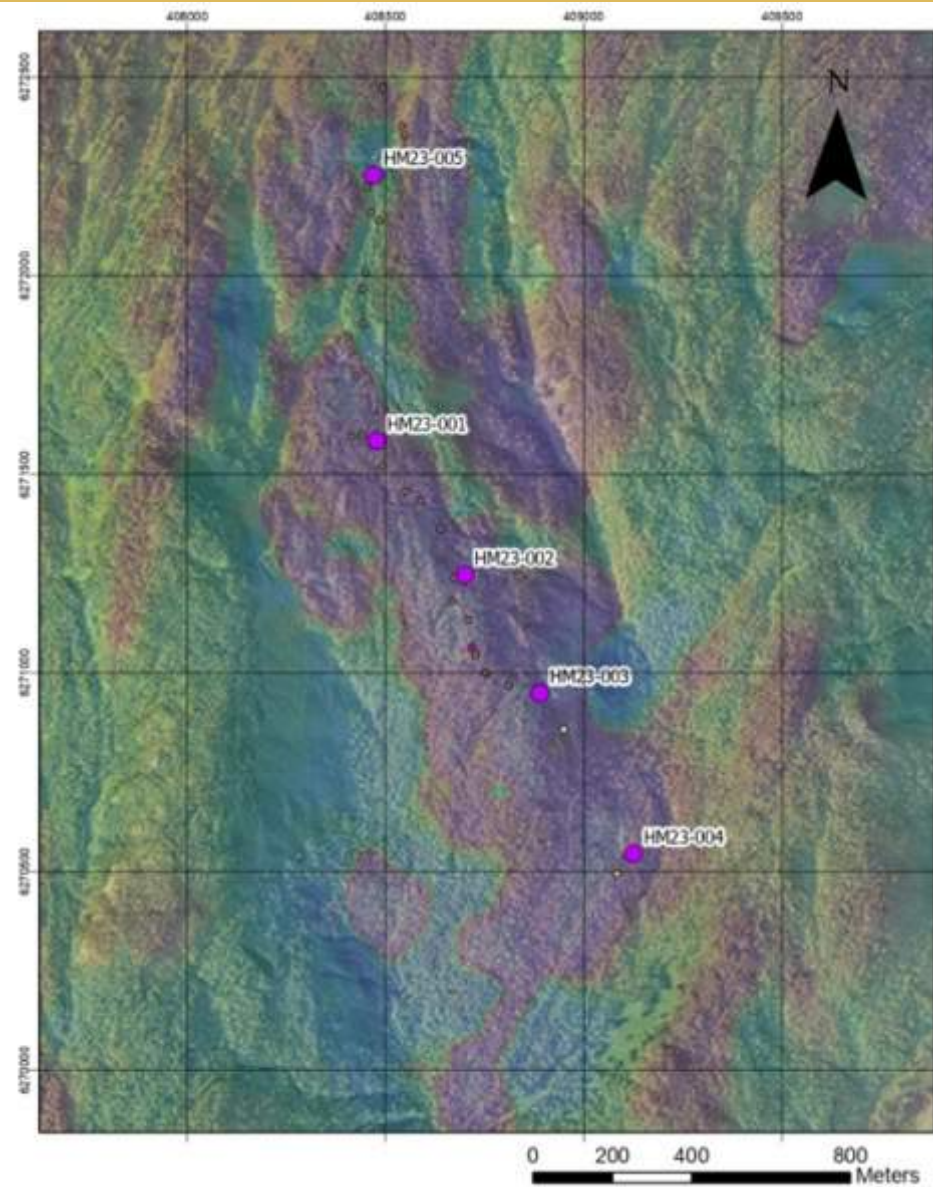
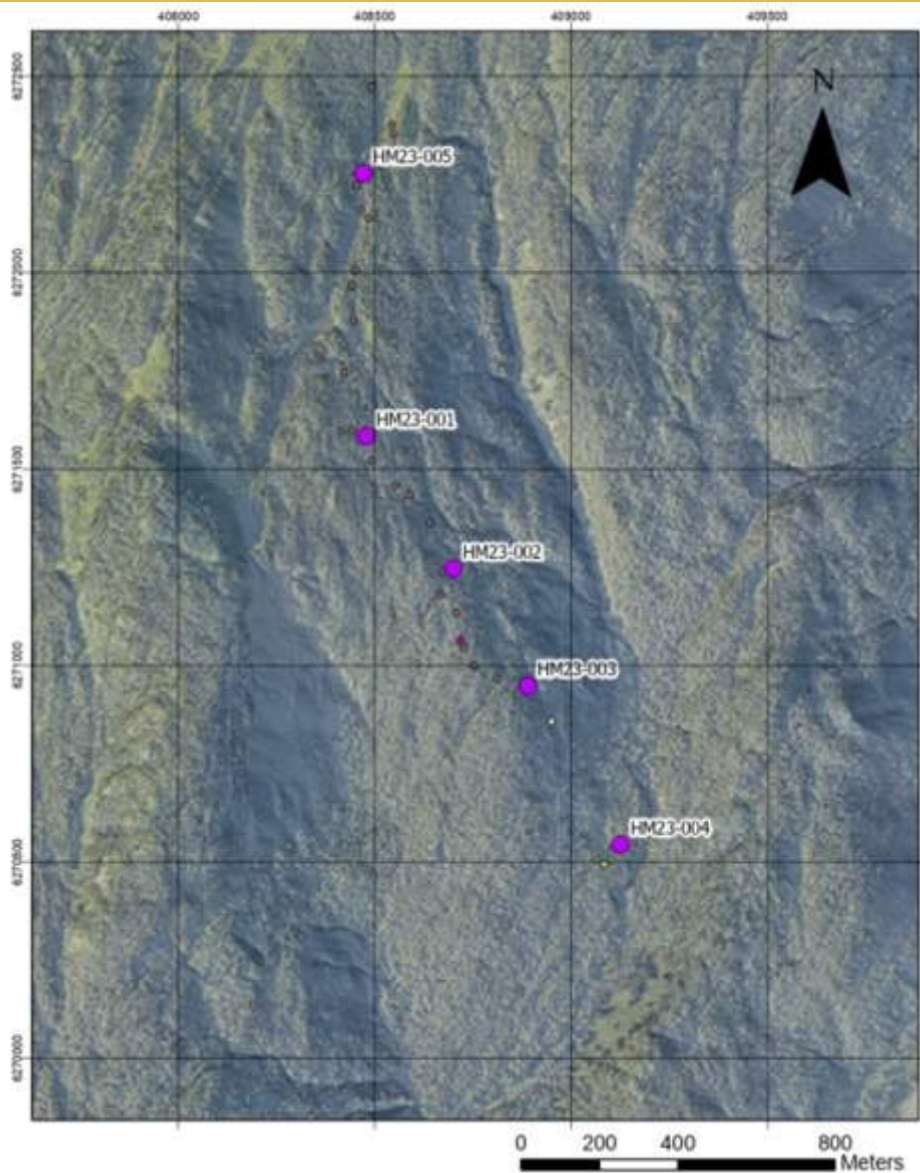


- Magnetic models show an Eskay Creek-like trend of anomalies between Lulu and Jeff North

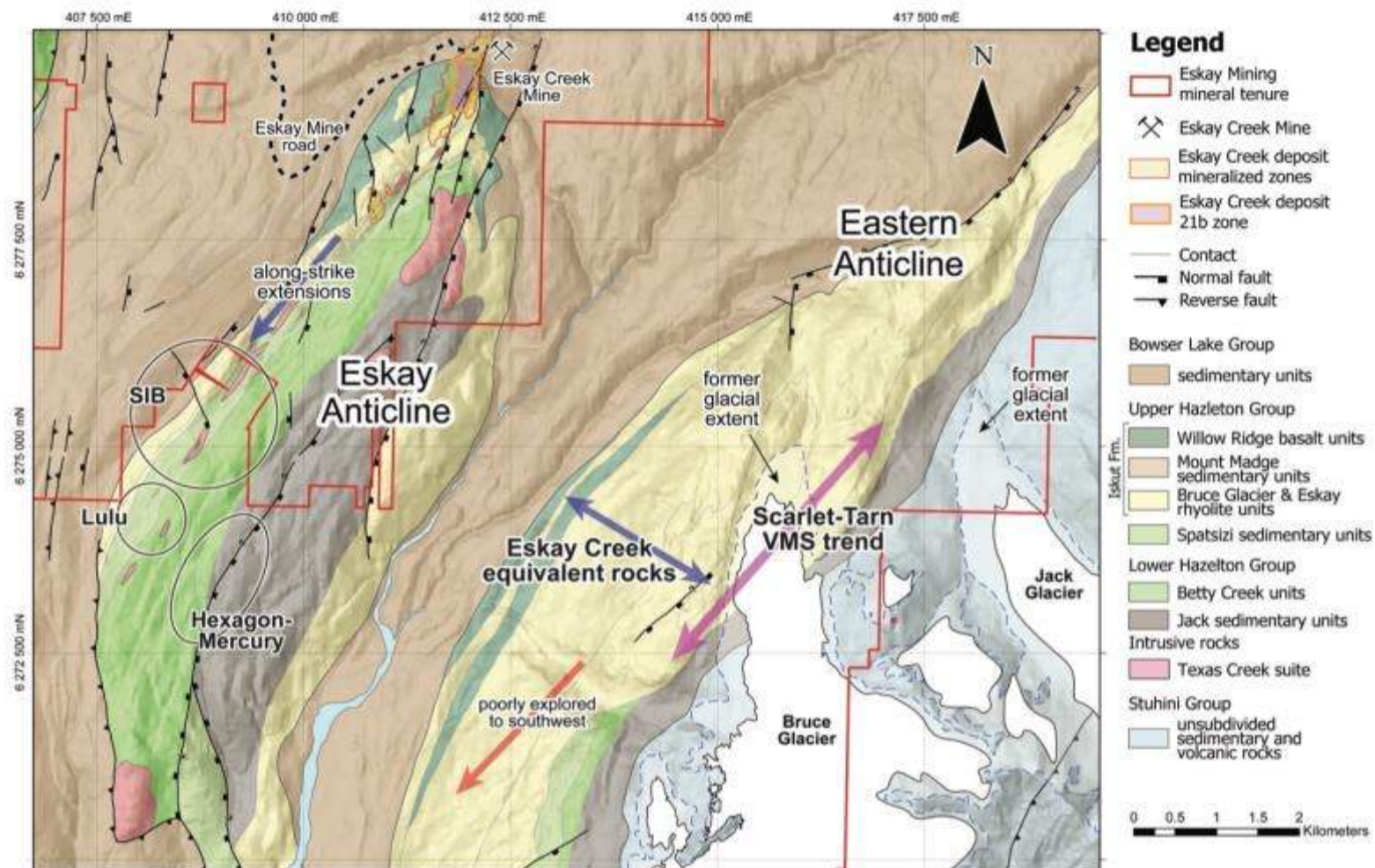




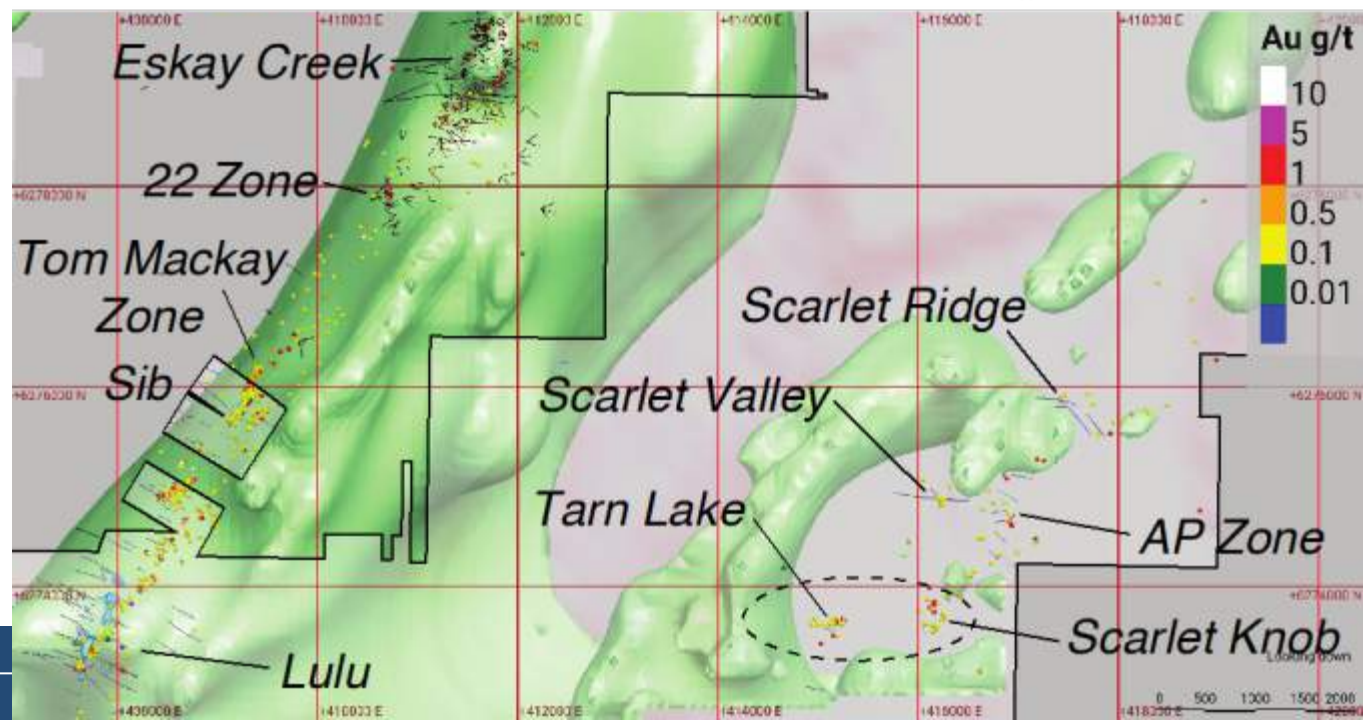
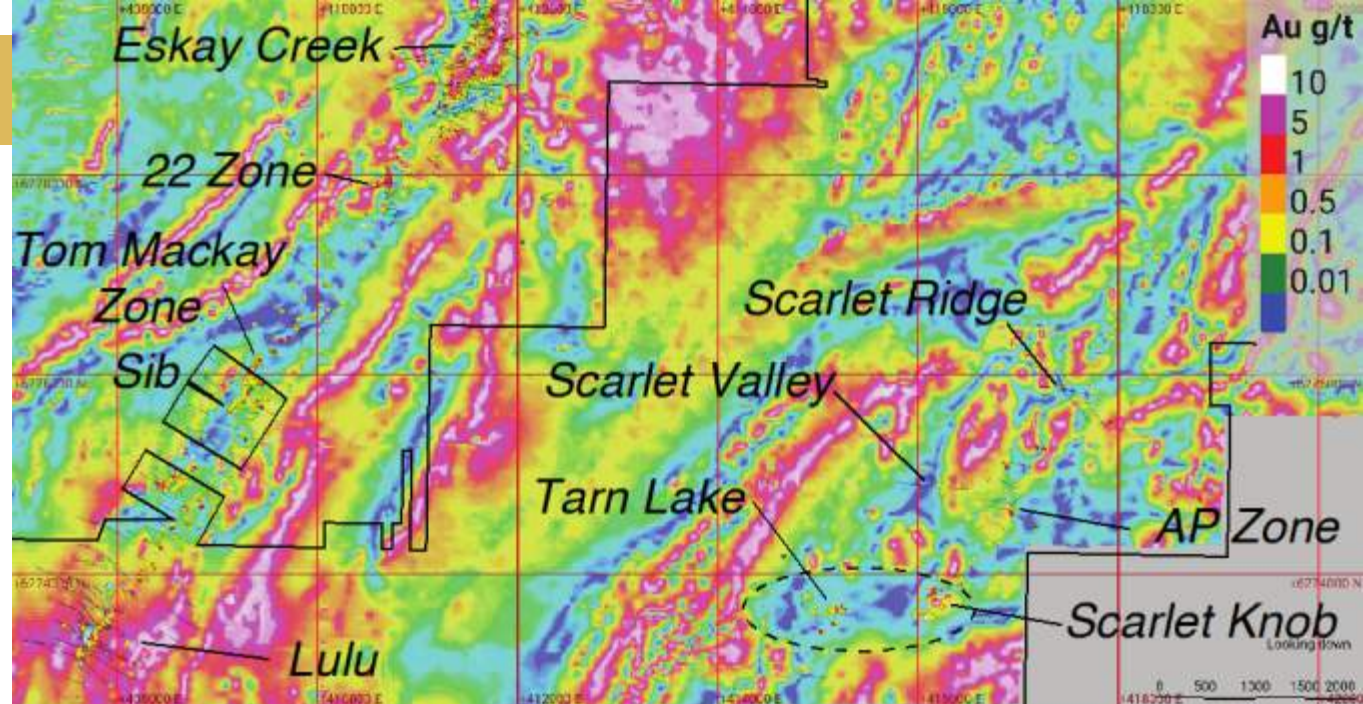




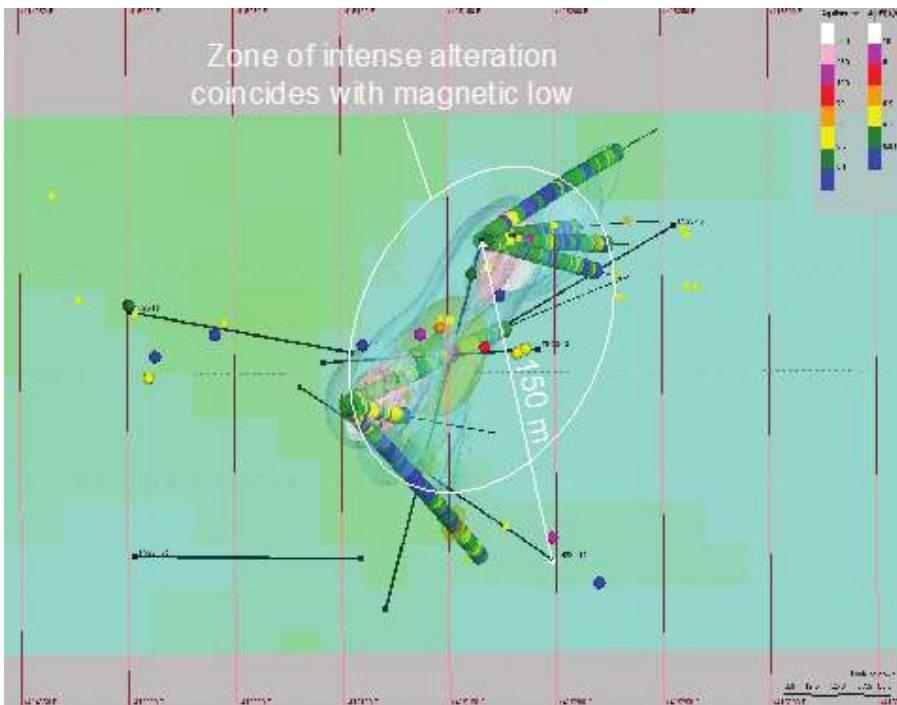
- Geological map showing the Eskay anticline and Scarlet-Tarn trends of VMS mineralization. Geological mapping of the Scarlet-Tarn trend by Eskay's team in 2022 has determined that the stratigraphic younging direction is to the west, and that the Eskay rhyolite host to mineralization at Tarn Lake is overlain by Willow Ridge basalt to the west.
- The contact between these two lithologies defines the Contact mudstone horizon, the host to the world-class mineralization at Eskay Creek mine. This finding is a significant step towards our goal of finding Eskay Creek-like VMS deposits.



- Mineralization associated with extremely intense hydrothermal alteration
- Intense hydrothermal alteration is coincident with andesite feeder dikes and a pronounced east-west trending magnetic low
- The magnetic low is interpreted to be a result of magnetite destruction during hydrothermal alteration
- The feeder zones at Scarlet Ridge and Scarlet Valley correspond with smaller magnetic lows on the edge of magnetic highs
- The magnetic highs strongly correlate with lithological variations

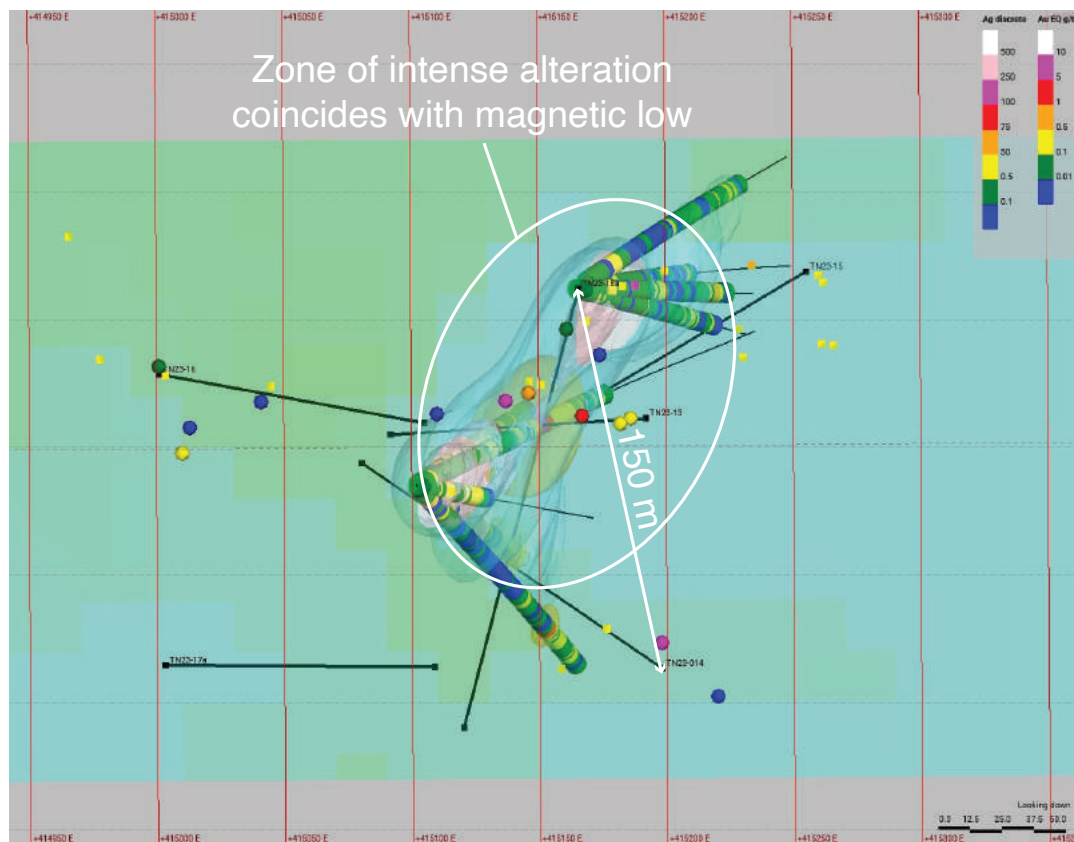


- Corridors of Ag-bearing sulfide mineralization along planned TN23-15 drill trace
- Highly elevated concentrations of Pb, As, Sb, and Zn
- Auriferous rock chip samples collected in 2022



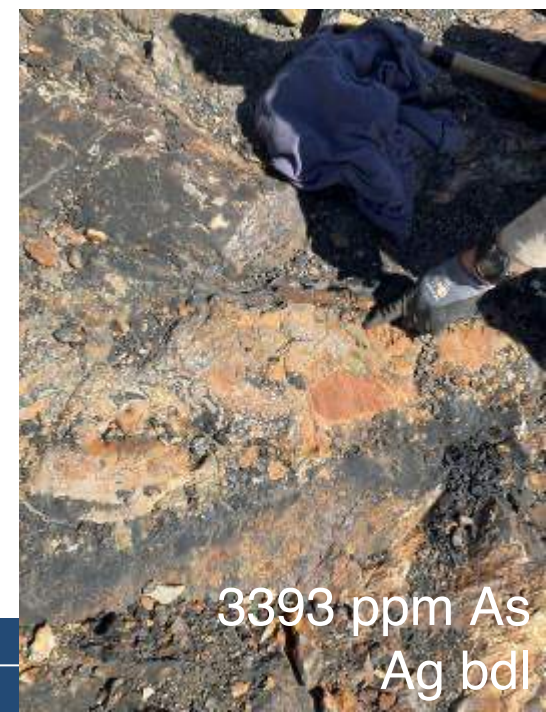
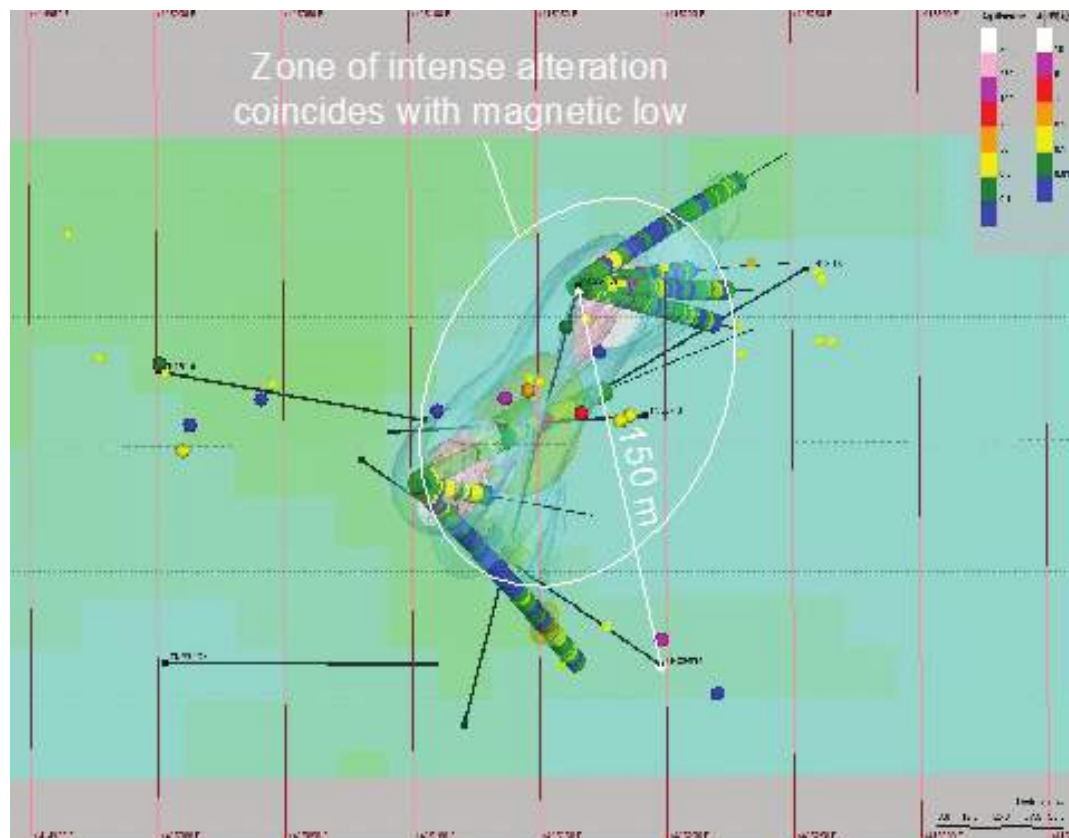
# Tarn Lake: Middle Feeder Dike

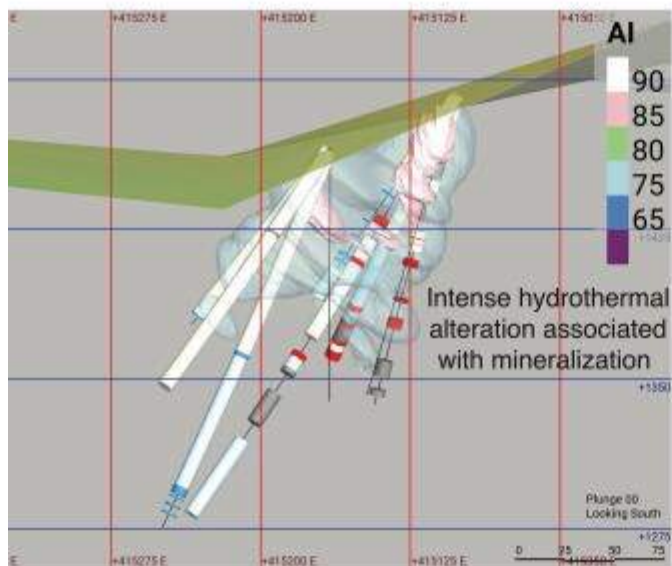
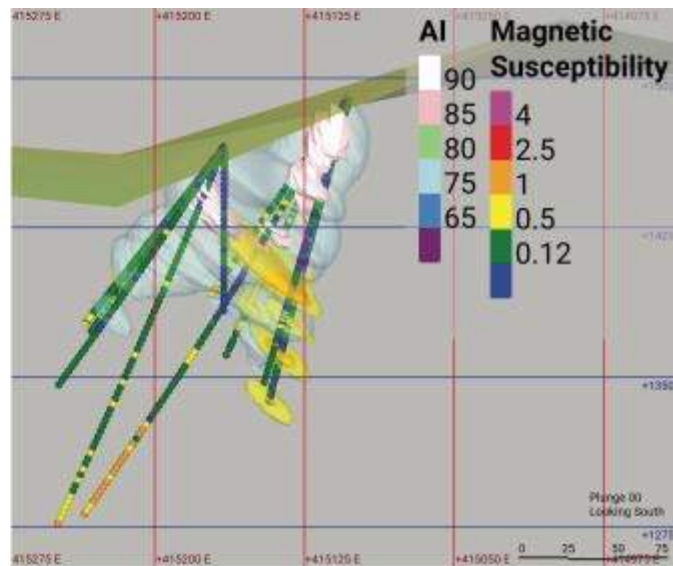
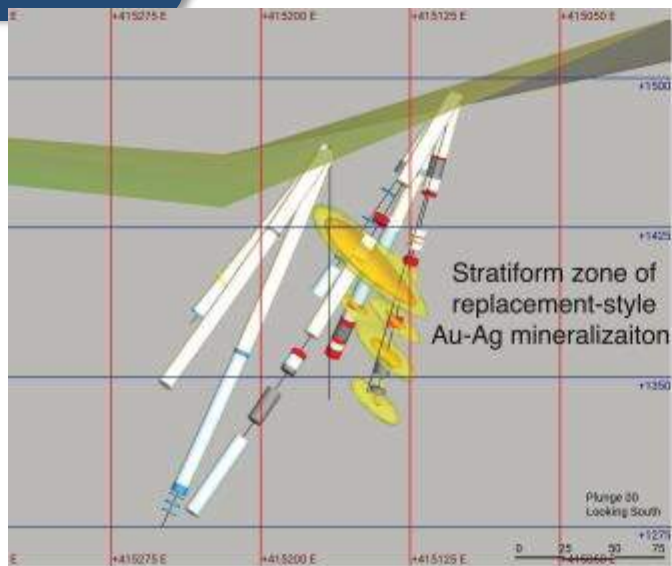
- Corridors of Ag-bearing sulfide mineralization along TN23-13 drill trace
- Highly elevated concentrations of Pb, As, Sb, and Zn



# Tarn Lake: Southern Feeder Dike

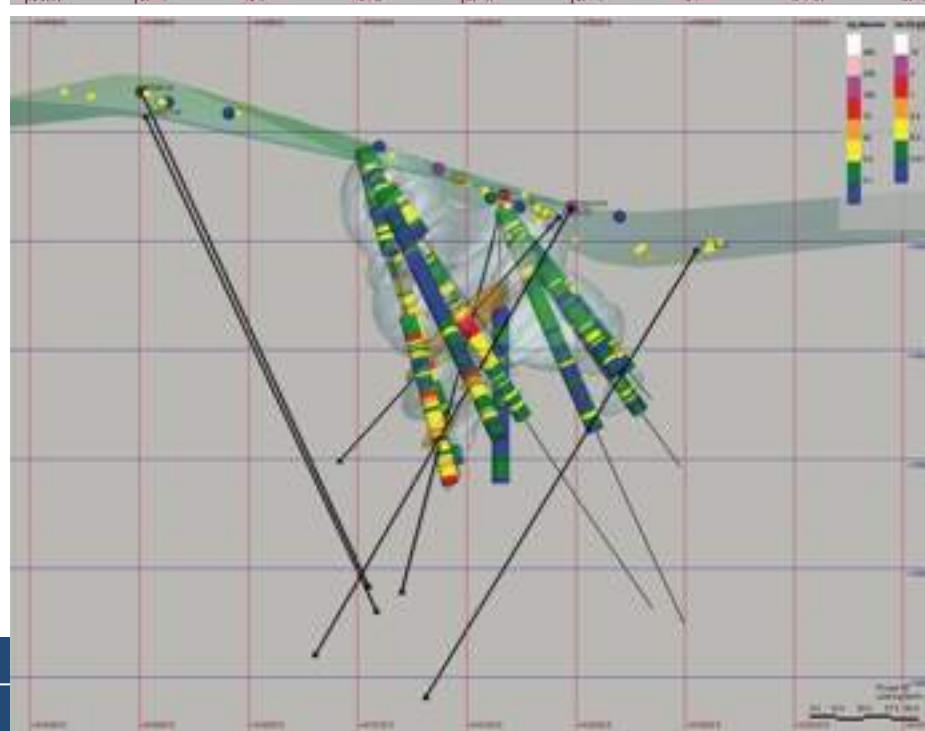
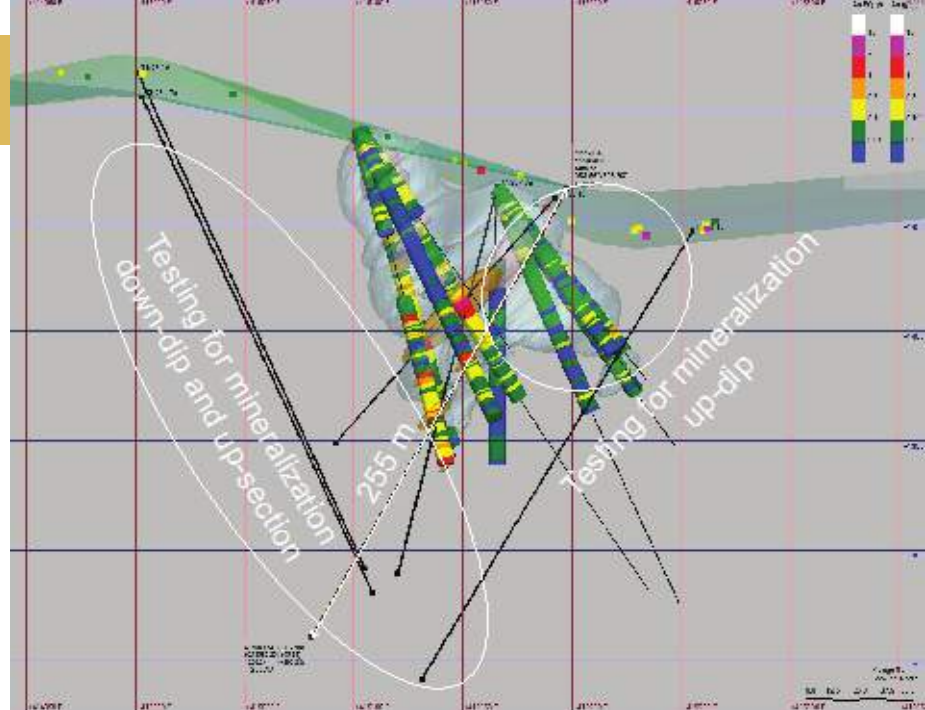
- Corridors of Ag-bearing sulfide mineralization along and TN23-14 drill trace
- Highly elevated concentrations of Pb, As, Sb, and Zn





## Tarn Lake

- Iskut River Fm: Eskay rhyolite
- Iskut River Fm: Andesite feeder dikes
- Iskut River Fm: Polymict volcaniclastic debris flow breccia
- Iskut River Fm: Monomict volcaniclastic debris flow breccia
- Fault zone



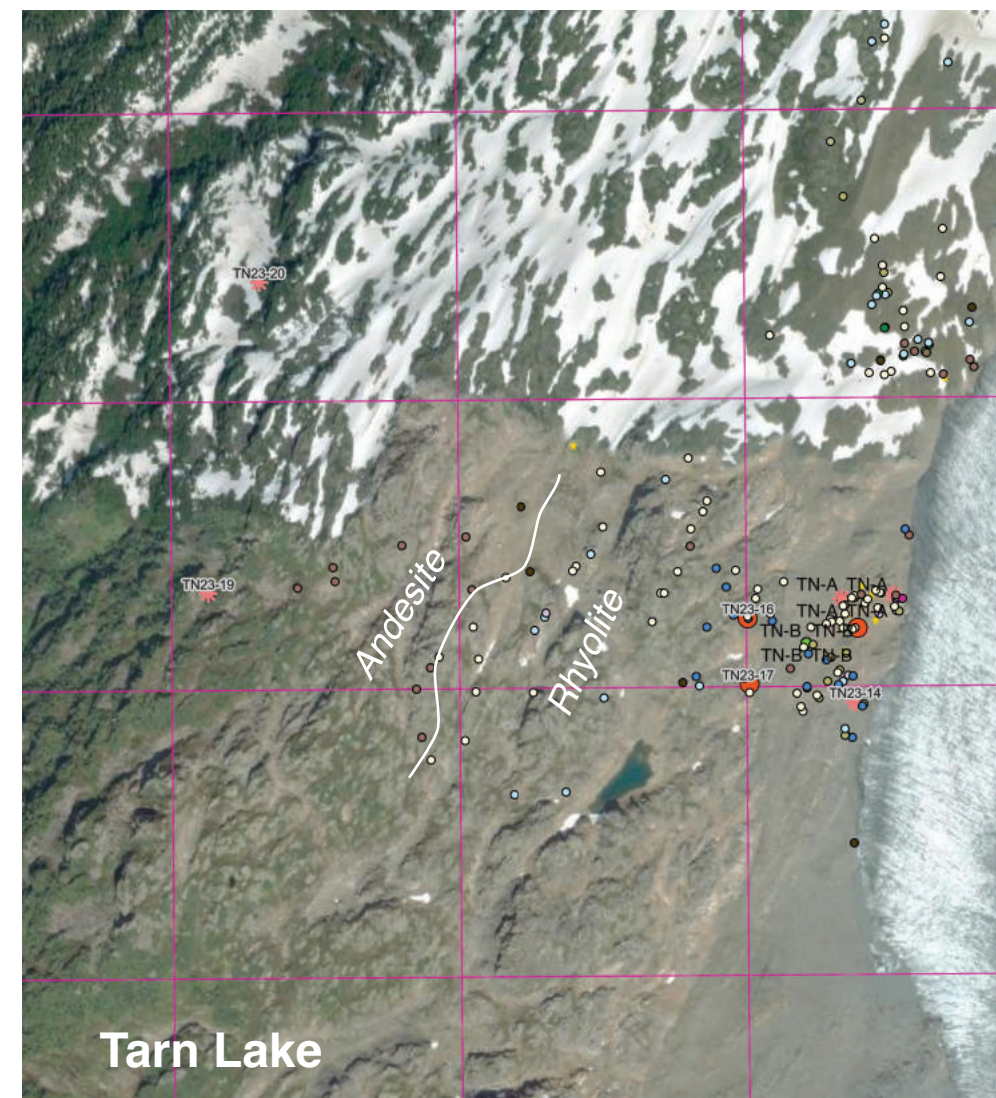


- Eskay rhyolite extends 450 m W of TN23-16
- Massive andesite extends W of fault contact with rhyolite

**Eskay rhyolite with disseminated sulfides**  
At TN23-16 collar 195 m W of TN23-13

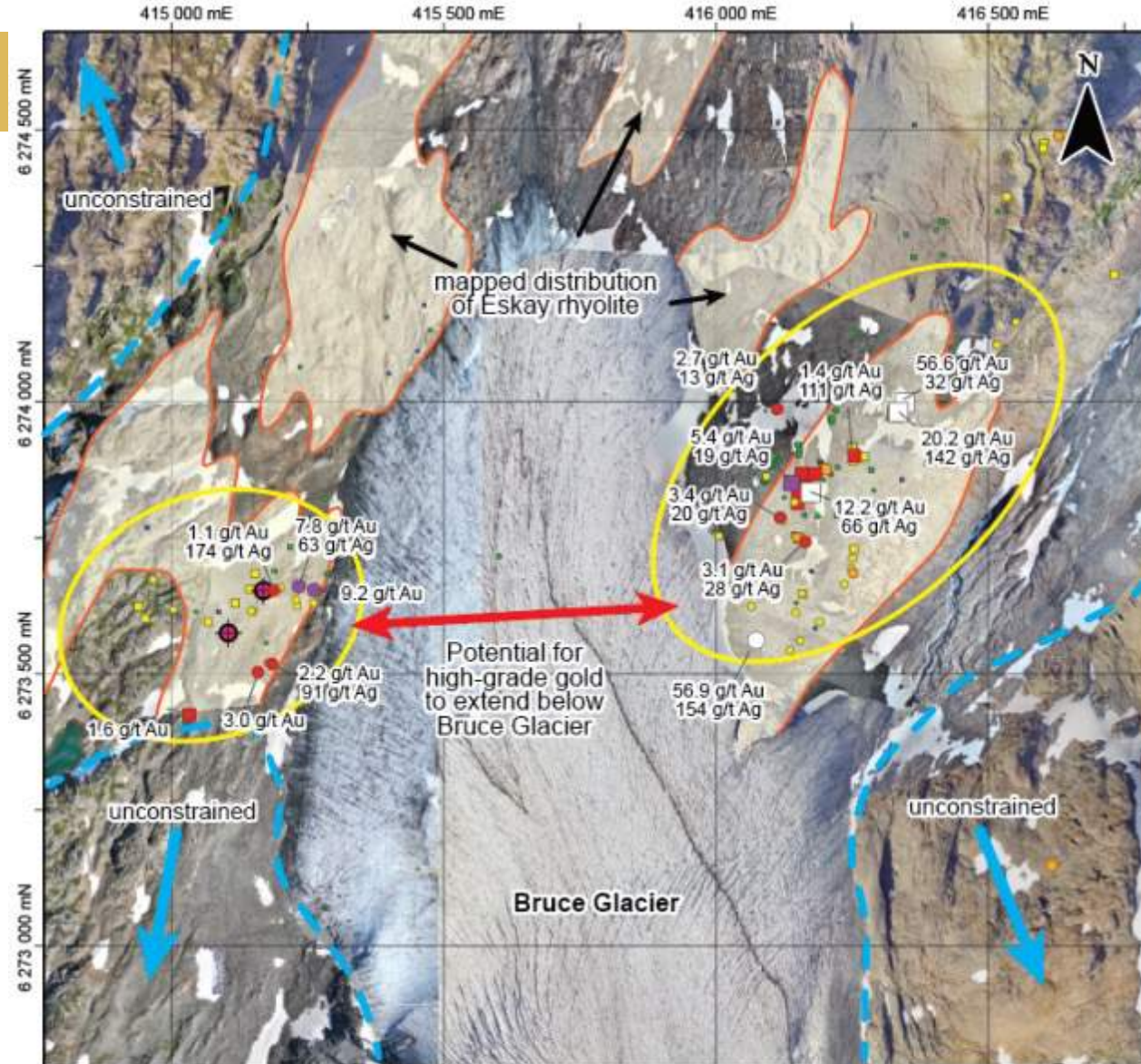


**Moderately mineralized andesite**  
~200 m E of planned TN23-19 collar



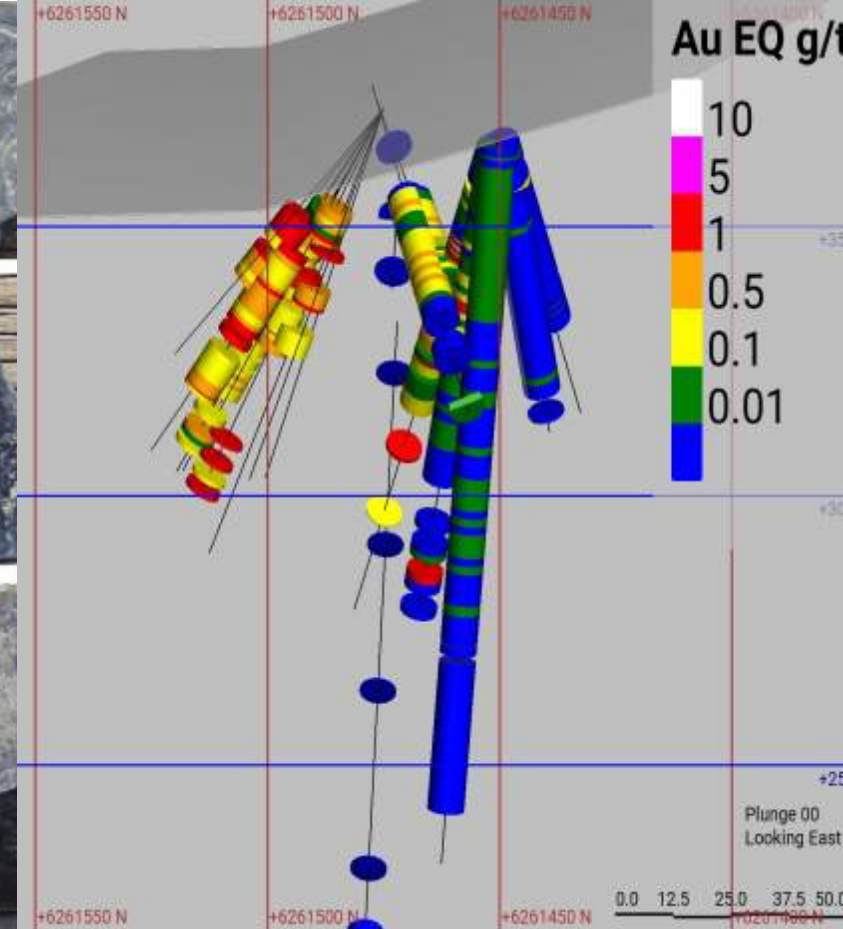
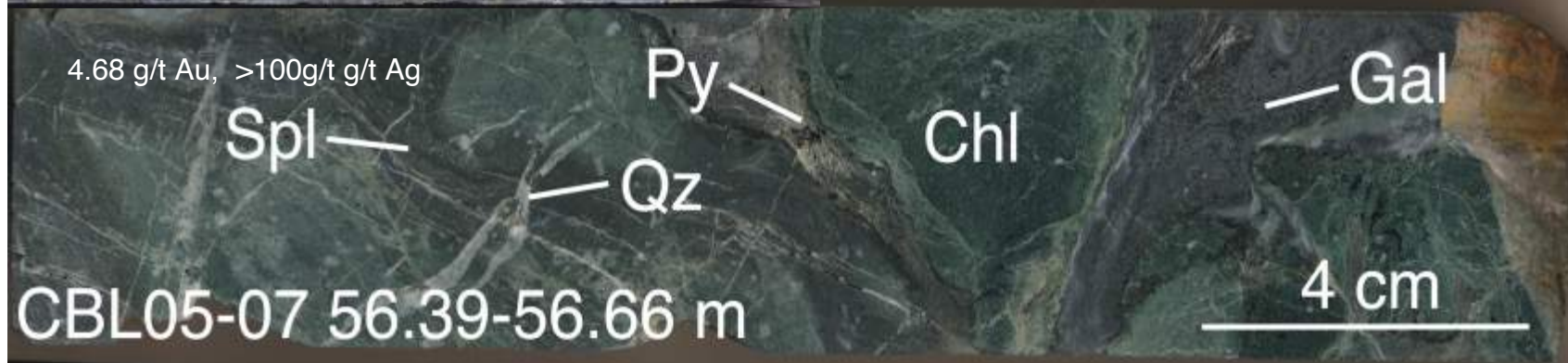
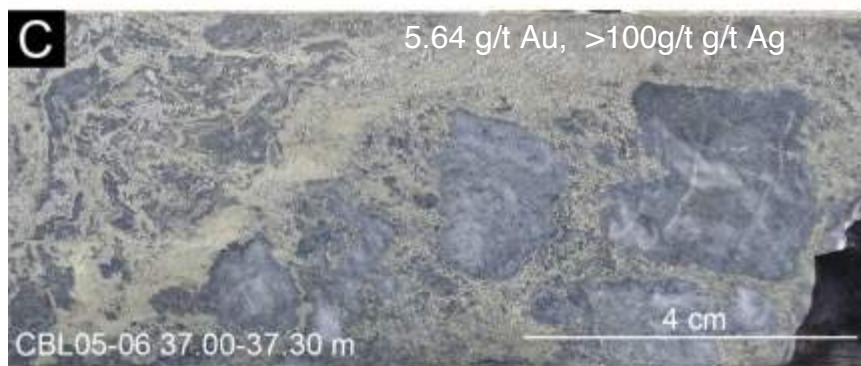
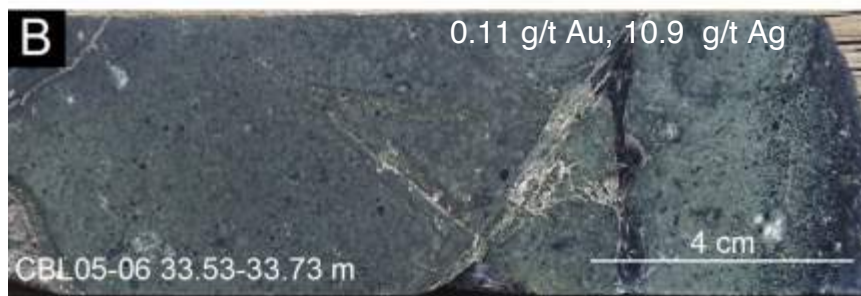
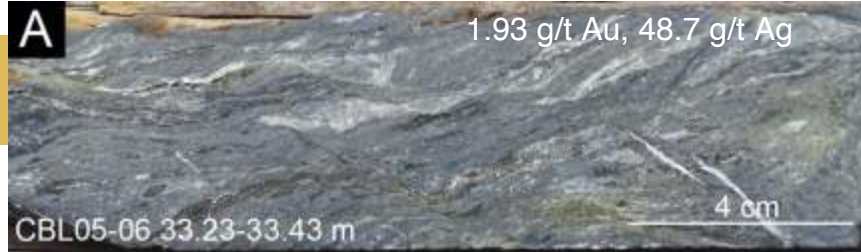
# Tarn Lake-Scarlet Knob

- Plan map showing distribution of Eskay rhyolite around Bruce Glacier at Tarn Lake - Scarlet Knob. Results for Au and Ag from spot rock chip samples collected in 2022 are shown along with legacy data from previous programs.
- A large proportion of the 2022 rock chip samples were collected from areas that were covered by glacial ice during the early 1990's when the legacy rock chip sampling was conducted.
- Sulfide mineralization at Tarn Lake (west) and Scarlet Knob (east) show consistently elevated Au and Ag values.
- This includes a notable high-grade sample from 2022 yielding 56.9 g/t Au and 154 g/t Ag along the eastern margin of Bruce Glacier, some 800m east of Tarn Lake.



## Contact Mudstone-hosted Mineralization

- On west limb of Eskay anticline
- Historic Au intercepts at Contact Mudstone horizon  
Au grades up to 10.97 g/t
- Portion of known deposit probably eroded into Sulphurets Creek
- Indicates mineralized Contact Mudstone-horizon continues at least 15 km along strike from Eskay Creek

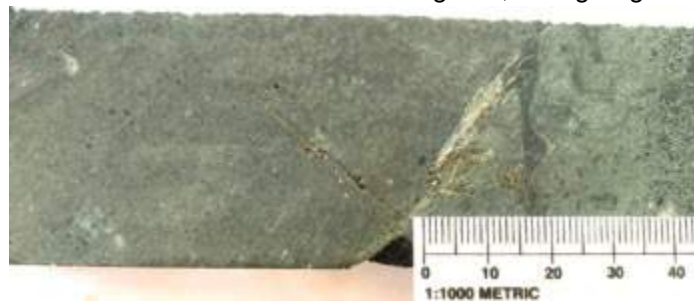


## Preliminary Investigations of CBL05-06 from Cumberland Showing

- Stratigraphy is unknown
- Re-examination of all drill core needed to assess stratigraphy
- Intense chlorite, moderate sericite, and variable carbonate alteration
- 33.23-33.43 m sheared mudstone with abundant barite
- 33.53-35.15 m vesicular basalt with calcite amygdales (0.67 wt.% Ti)
- 35.15-35.55 m serpentinized basalt with sphalerite cross-cut by lizardite
- 35.55-36.58 m silicified and sheared sulfide-dominated rhyolite breccia
- 36.58-43.07 Rhyolite breccia with massive sulfide replacement



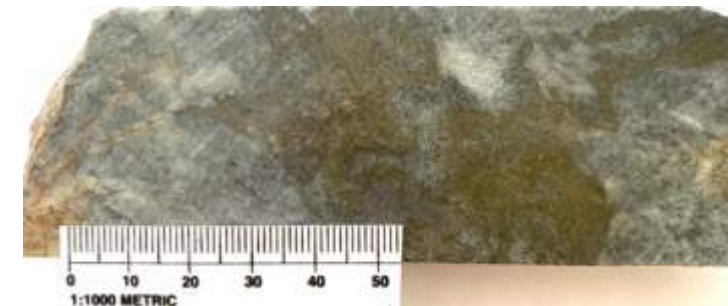
33.23-33.43 m: 1.93 g/t Au, 48.7 g/t Ag



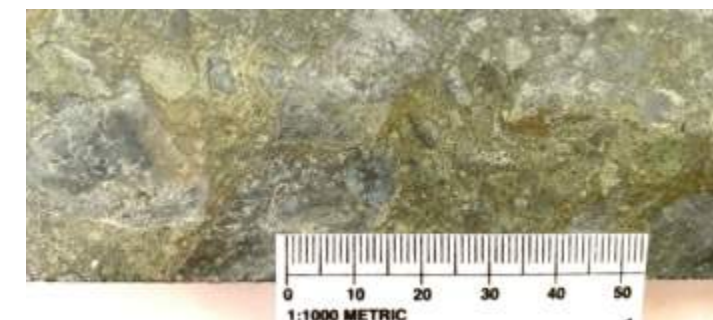
33.53-33.73 m: 0.11 g/t Au, 10.9 g/t Ag



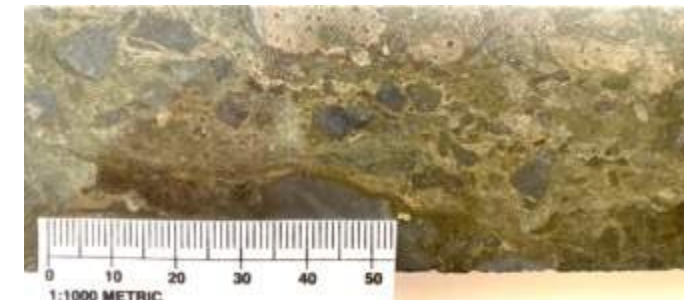
35.15-35.32 m: 0.11 g/t Au, 10.9 g/t Ag



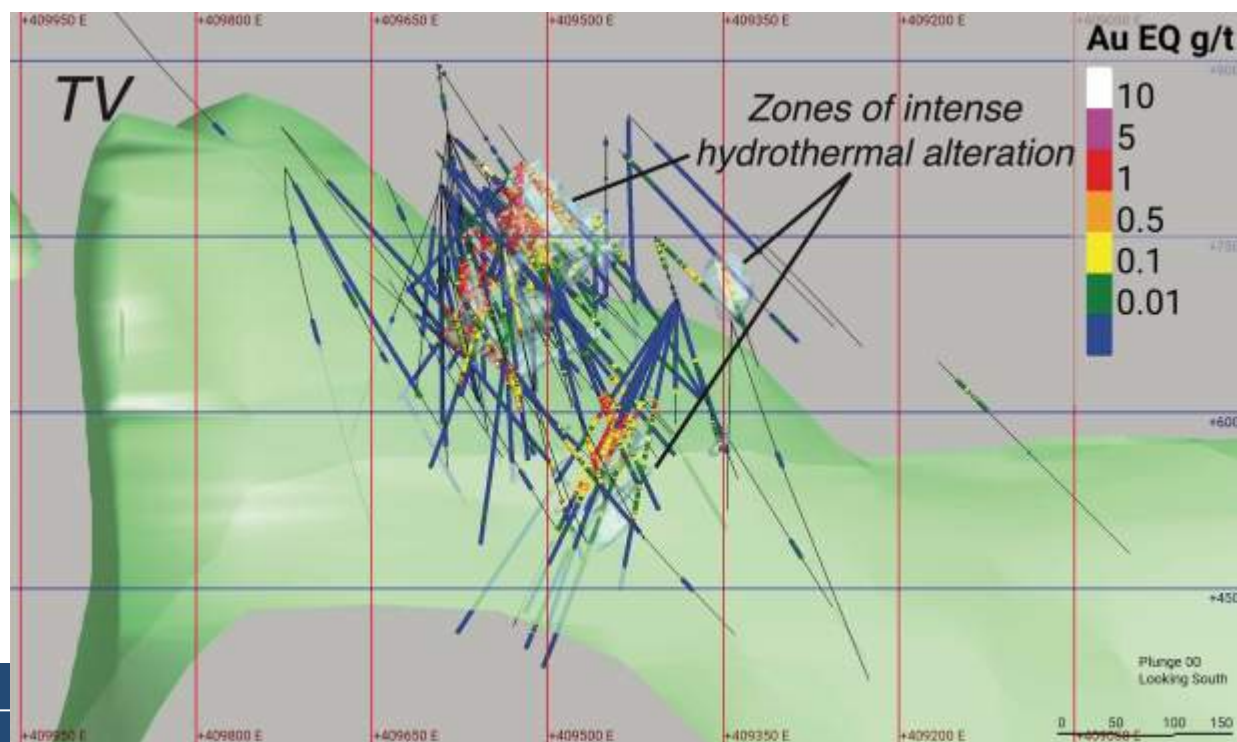
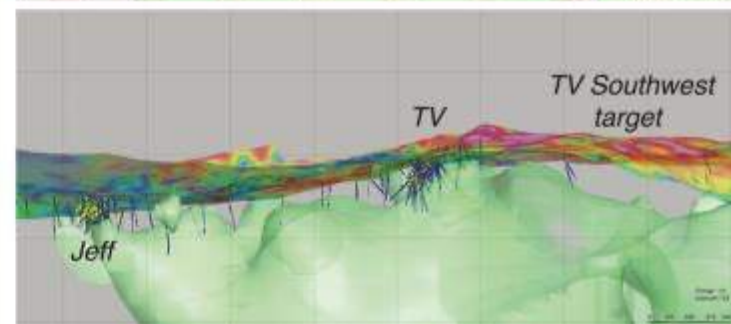
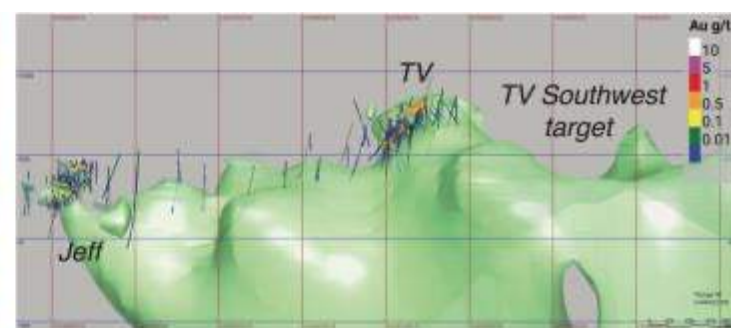
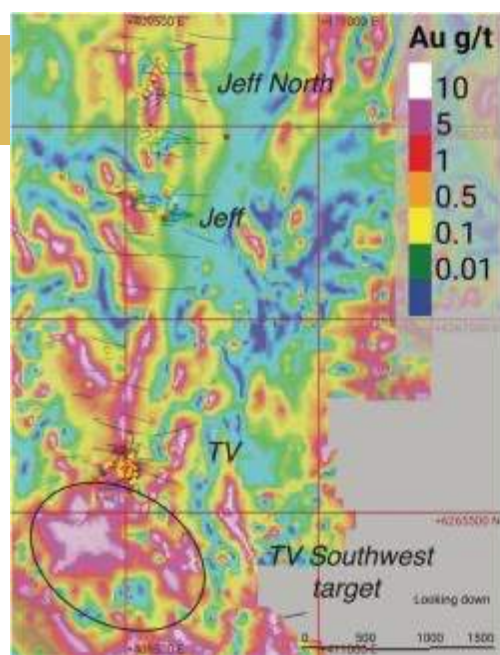
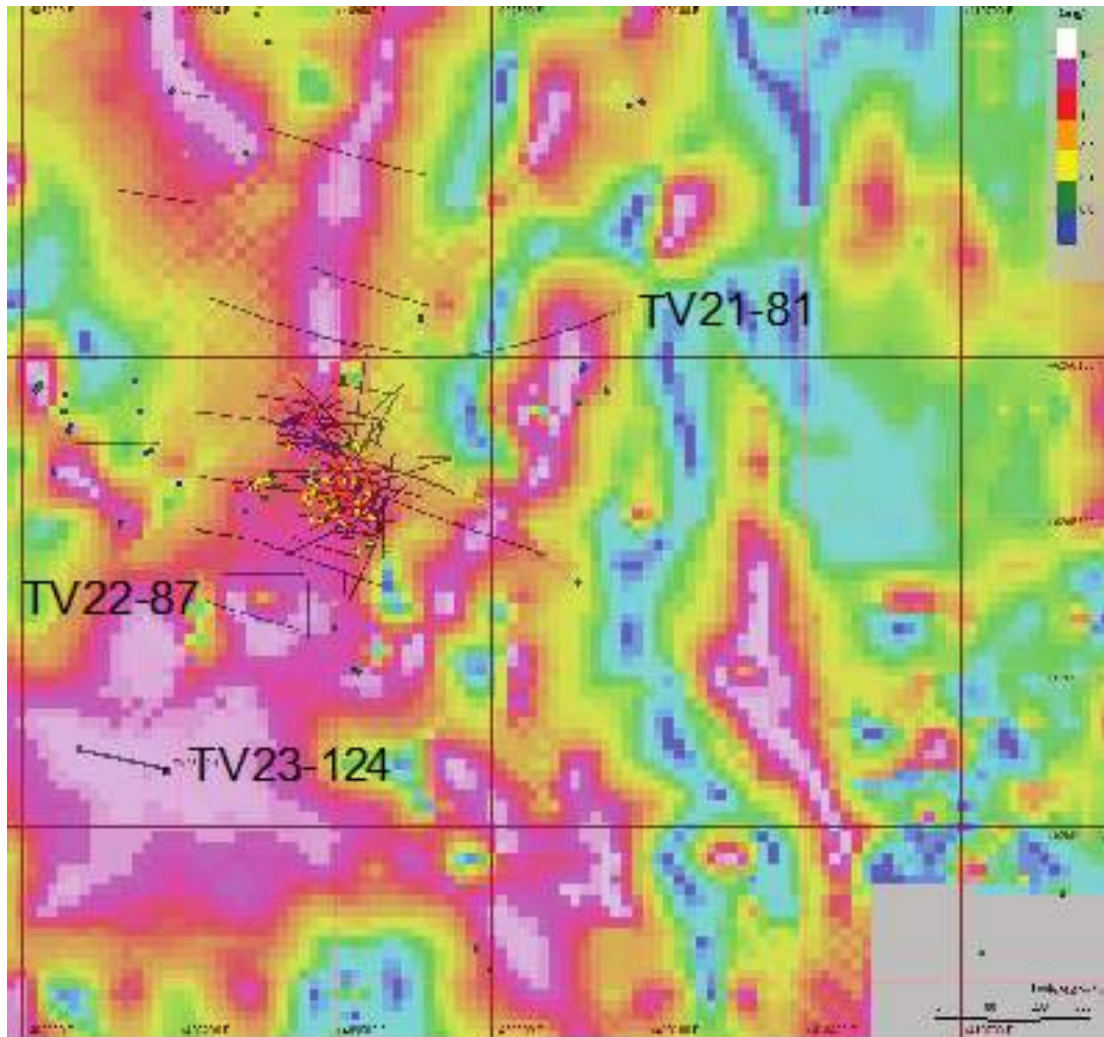
37.4-37.51 m: 7.8 g/t Au, >100 g/t Ag



39.0-39.3 m: 0.75 g/t Au, 16.2 g/t Ag



40.65-40.85 m: 0.45 g/t Au, 17 g/t Ag



## Capital Structure

<b>Company Tickers</b>	<b>TSXV:ESK   OTC:ESKYF   Frankfurt:KN7:GR</b>
<b>Closing Price (August 14<sup>th</sup>, 2023)</b>	<b>\$1.09</b>
<b>52 Week Trading Range</b>	<b>\$0.50-\$2.50</b>
<b>Shares Out (Basic)</b>	<b>183,617,123</b>
<b>Shares Out (FD)</b>	<b>198,544,346</b>
<b>Market Capitalization (Basic)</b>	<b>\$200.14M</b>
<b>Market Capitalization (FD)</b>	<b>\$216.41M</b>



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