



# CANADIAN GOLD CORP

## Tartan Mine Property

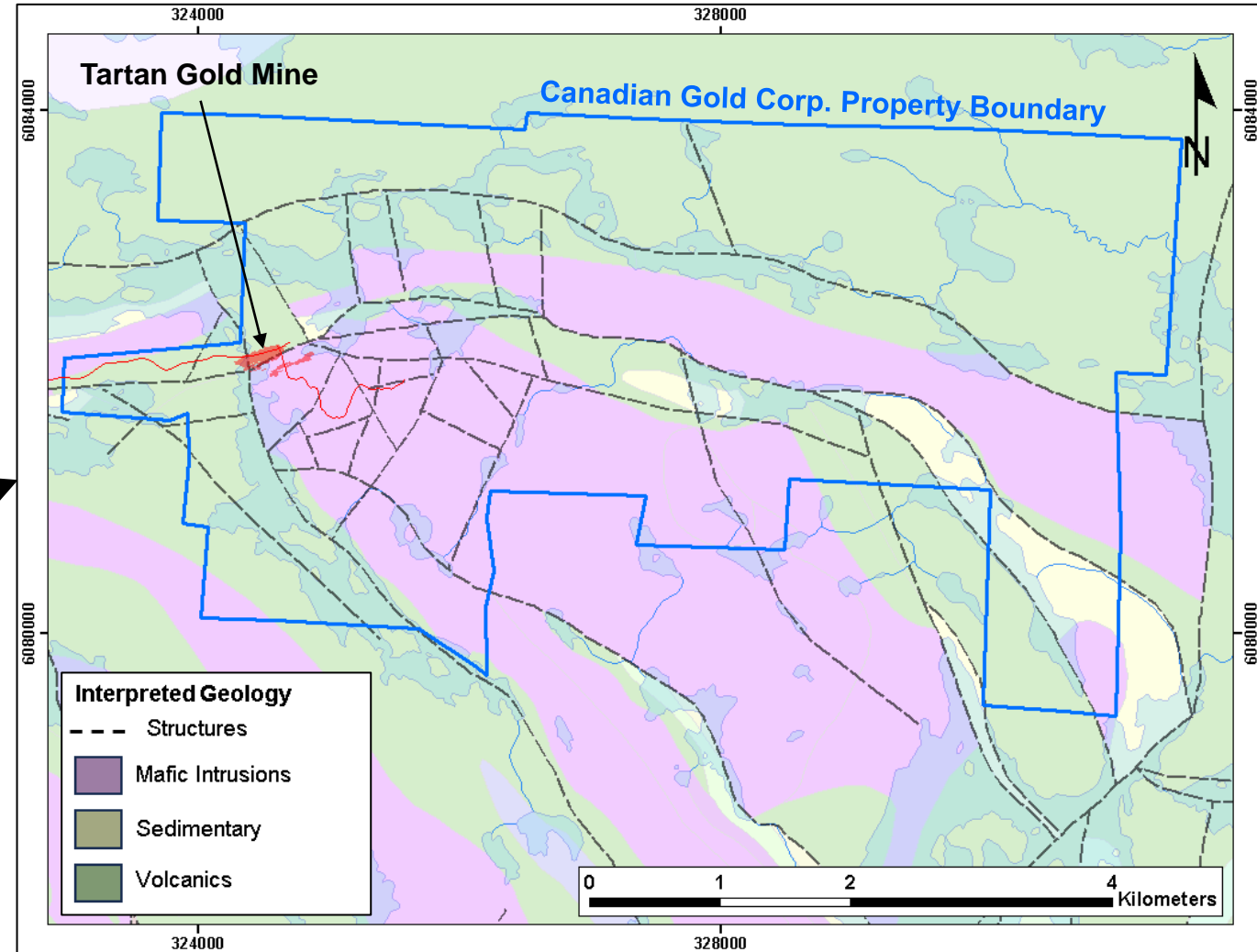
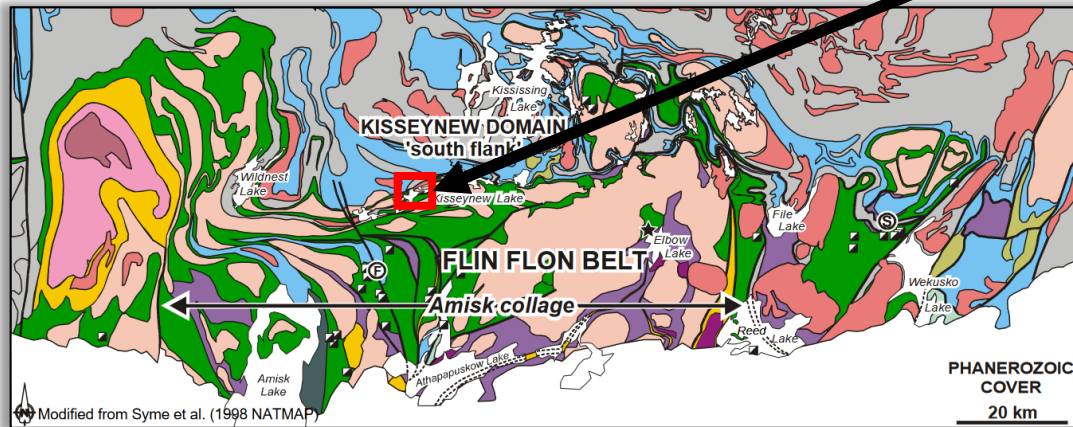
VMS Potential

December 13<sup>th</sup>, 2023

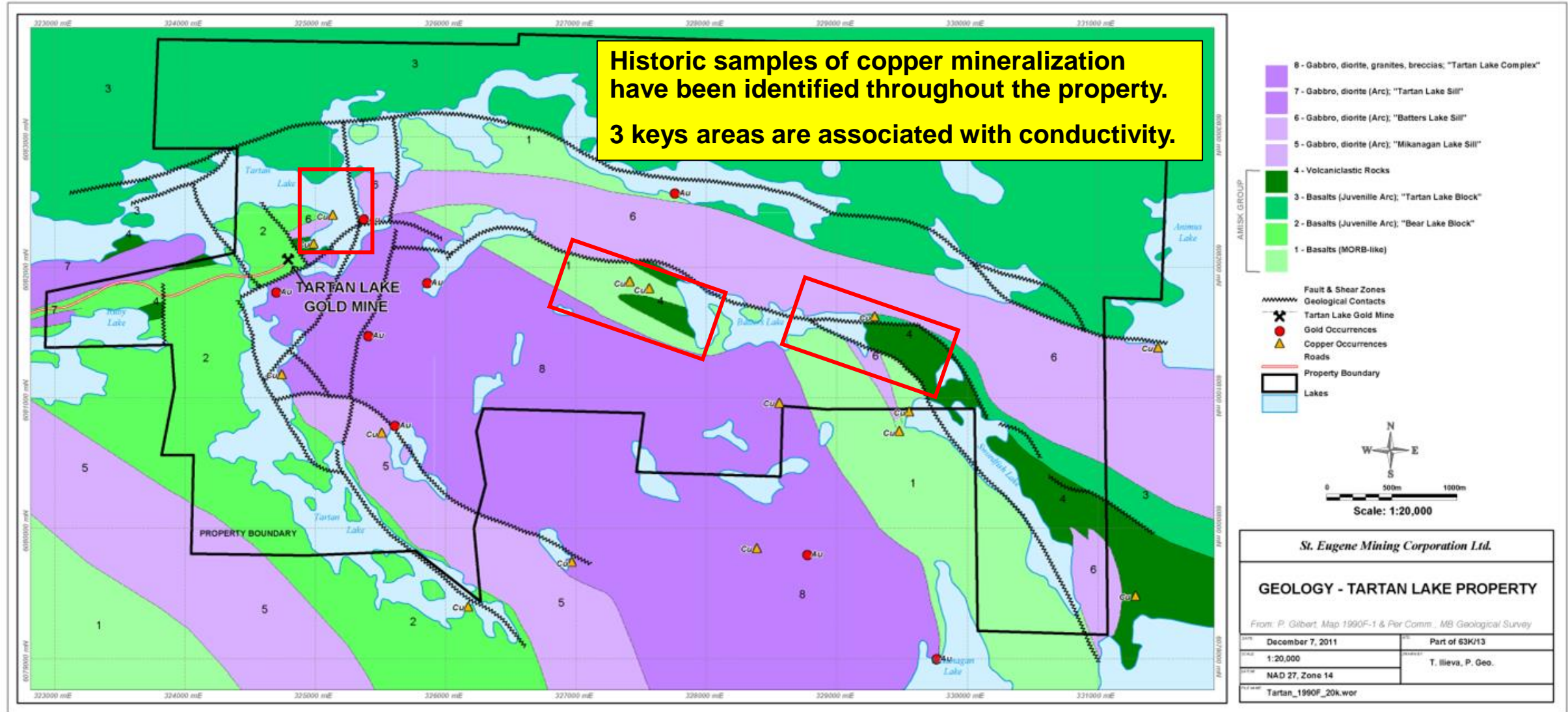
# Tartan Mine Property – Summary & Geology



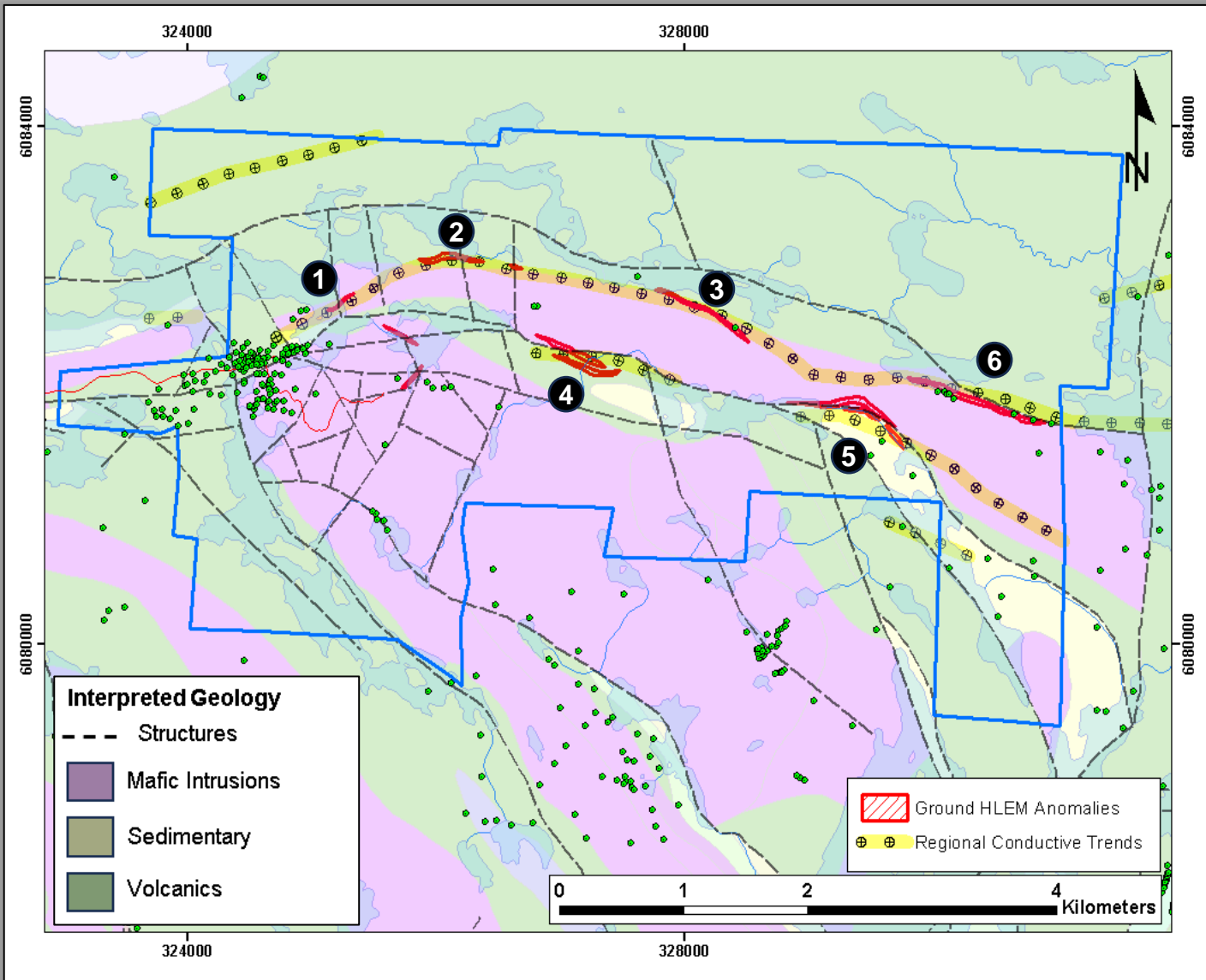
- The Tartan property is a 25.5 sq. km claim package located 10 km from Flin Flon, Manitoba
- Property access via 20 km all season road to the Mill (40-minute drive)
- Historically explored for gold since the 1920's and mined from 1986 to 1990.
- Located in the Flin Flon – Snow Lake Greenstone Belt
- 7km from the Trout Lake Mine and 14km from the 777 Mine
- Property geology consists of Island arc assemblage volcanics and sediments (VMS target rocks) followed by successor arc mafic intrusive gabbro and diorite



# Tartan Mine Property – Historic Exploration



# Tartan Mine Property – Geophysics

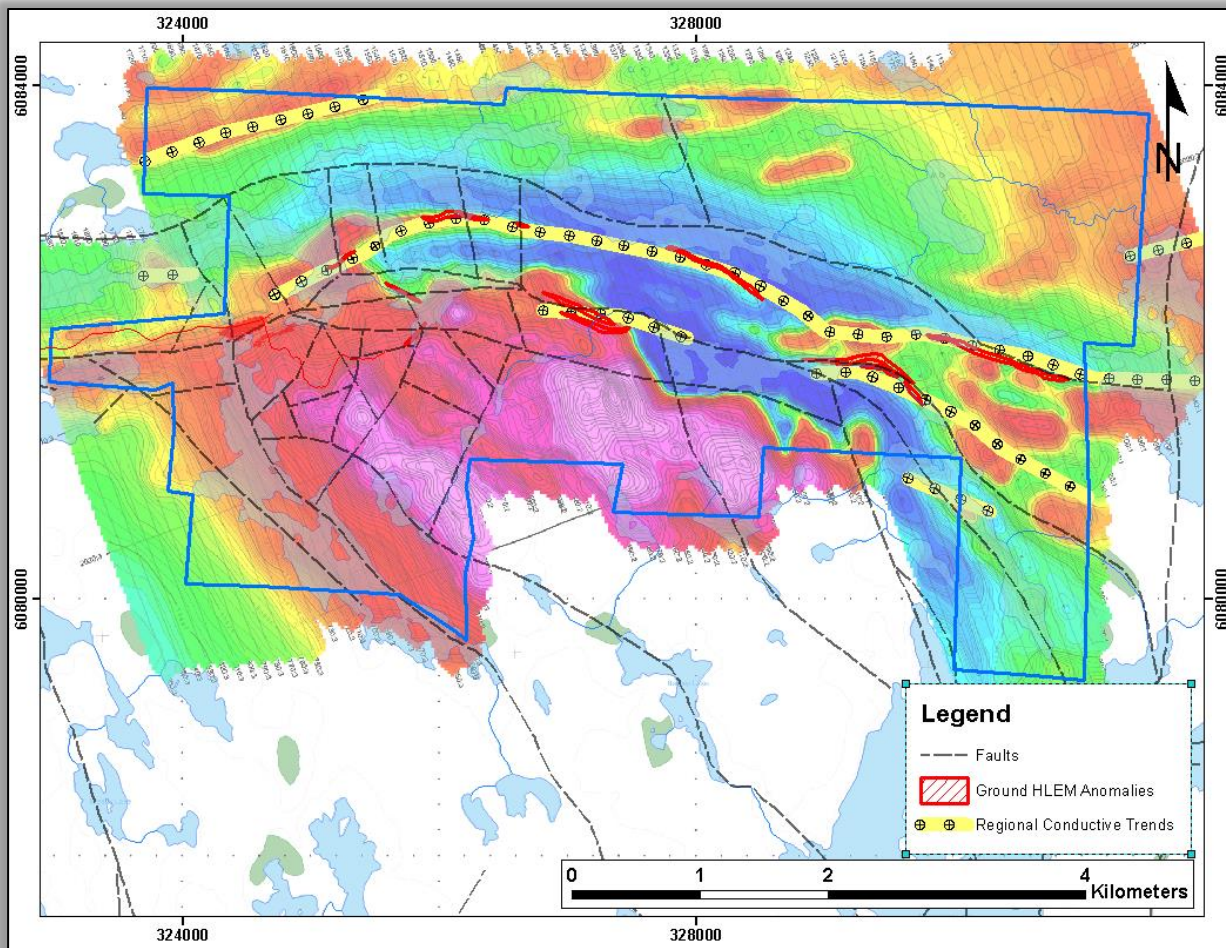


- Geophysical surveys conducted on the property
  - Ground VLF - HLEM (Pre-1996)
  - Airborne VTEM (2011)
  - IP Surveys (Pre-1996 and 2022)
- Two large E-W conductive trends at geological contacts
- Six targets with corresponding airborne VTEM and ground HLEM conductive anomalies identified
  1. “MOAC” – conductive, chargeable, poorly tested
  2. Conductive, untested
  3. Conductive, poorly tested
  4. Conductive, untested, semi-massive sulphide at surface
  5. Conductive poorly tested
  6. Conductive, poorly tested

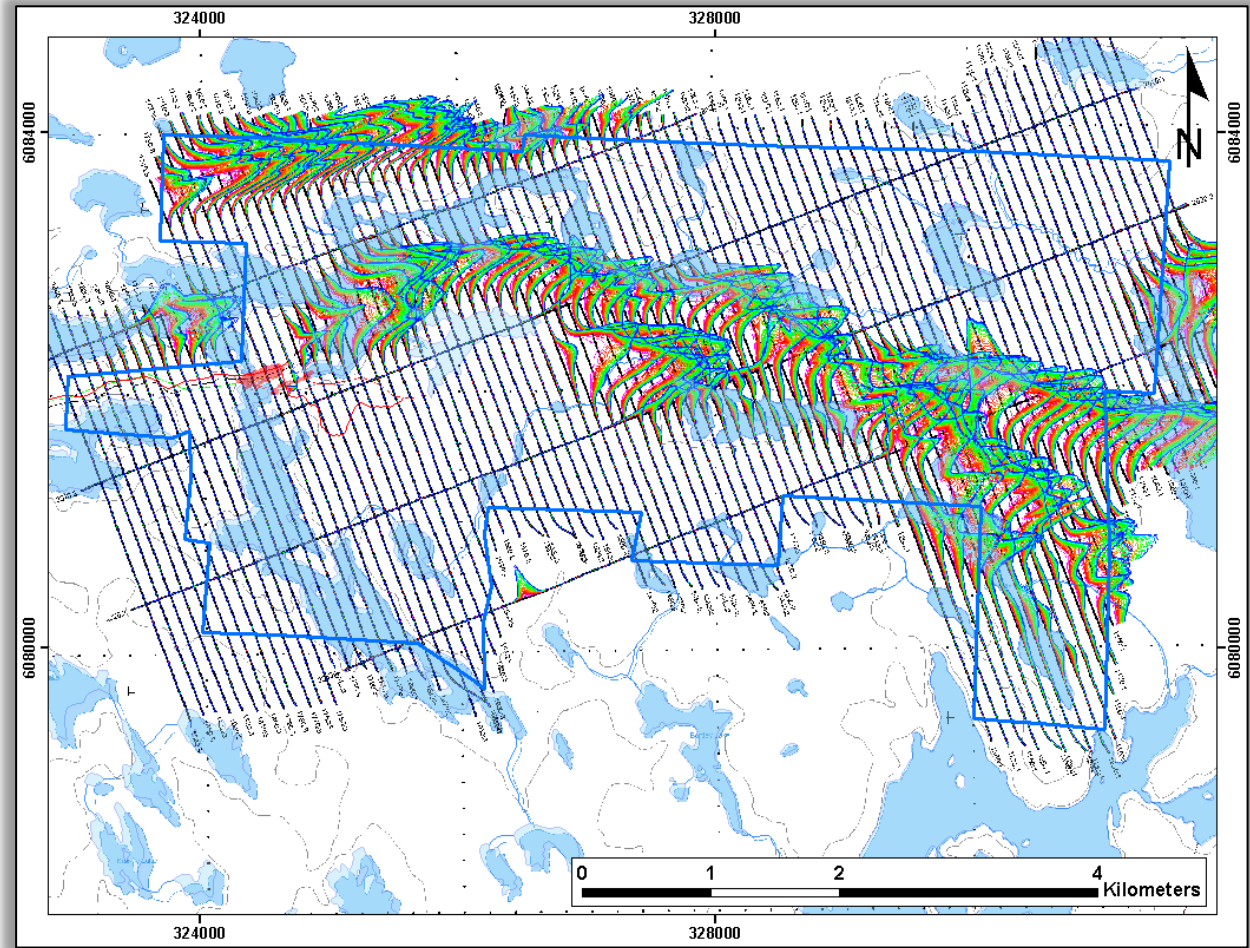
# Tartan Mine Property – 2011 VTEM Survey



## Total Magnetics



## VTEM B-field



# Tartan Mine Property – VMS Targets



## Priority Targets

### 1. West Sly Fox

- Untested conductor with semi-massive sulphide
- Historic copper values indicated and anomalous copper assays up to 700 ppm
- Conductive anomaly occurs over ~700 metres and is supported by two different geophysical surveys (VTEM and ground HLEM)

### 2. MOAC

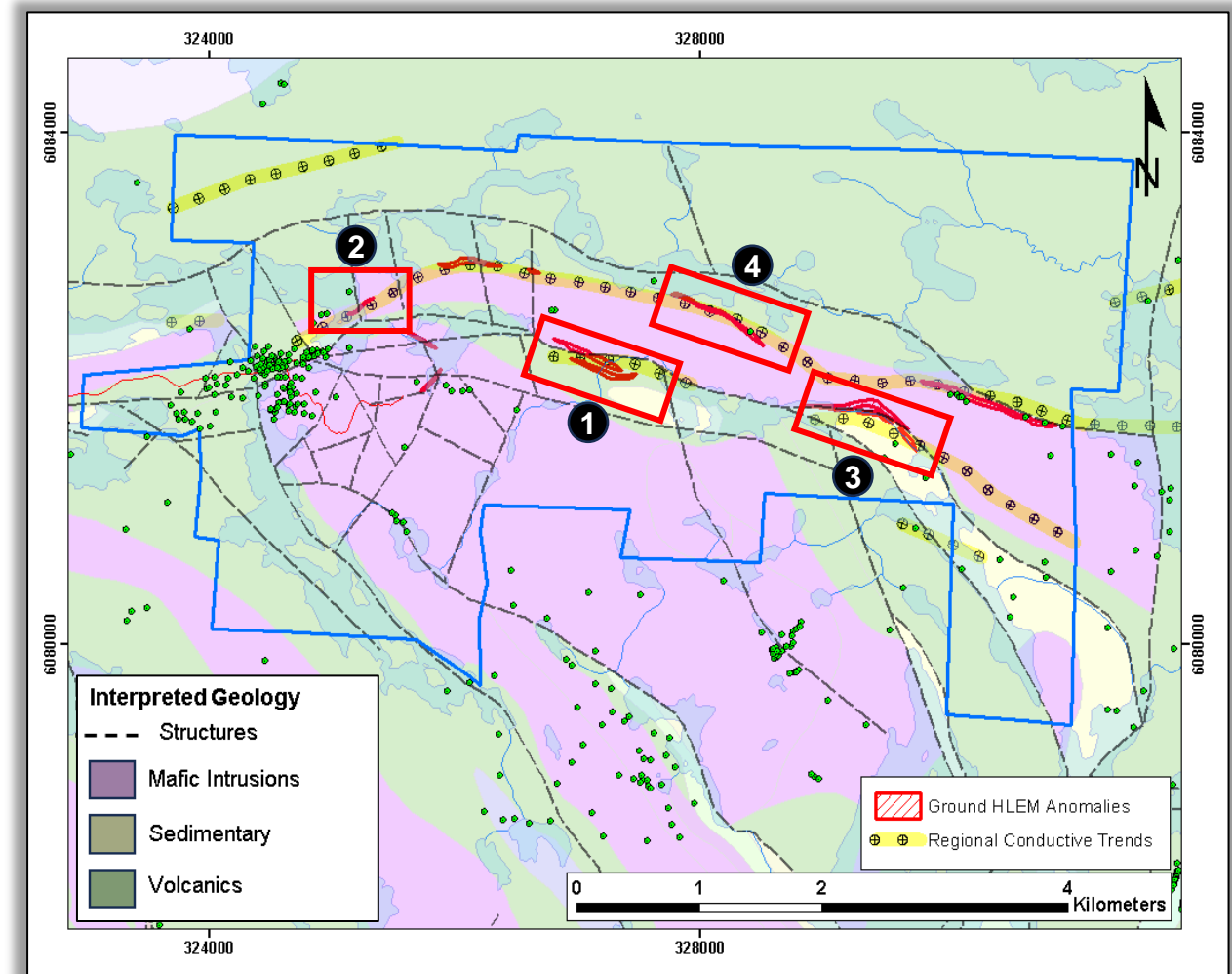
- Poorly tested conductor with historic copper values indicated
- One DDH TAN-113-80 drilled to 60m
- Conductive and chargeable anomaly occurs below 100 m

### 3. East Sly Fox

- Poorly tested conductor with historic copper values indicated in the area
- Conductive anomaly occurs over 1 km and is supported by two different geophysical surveys (VTEM and ground HLEM)
- Occurs along the same geological trend and West Sly Fox

### 4. East Tartan Lake

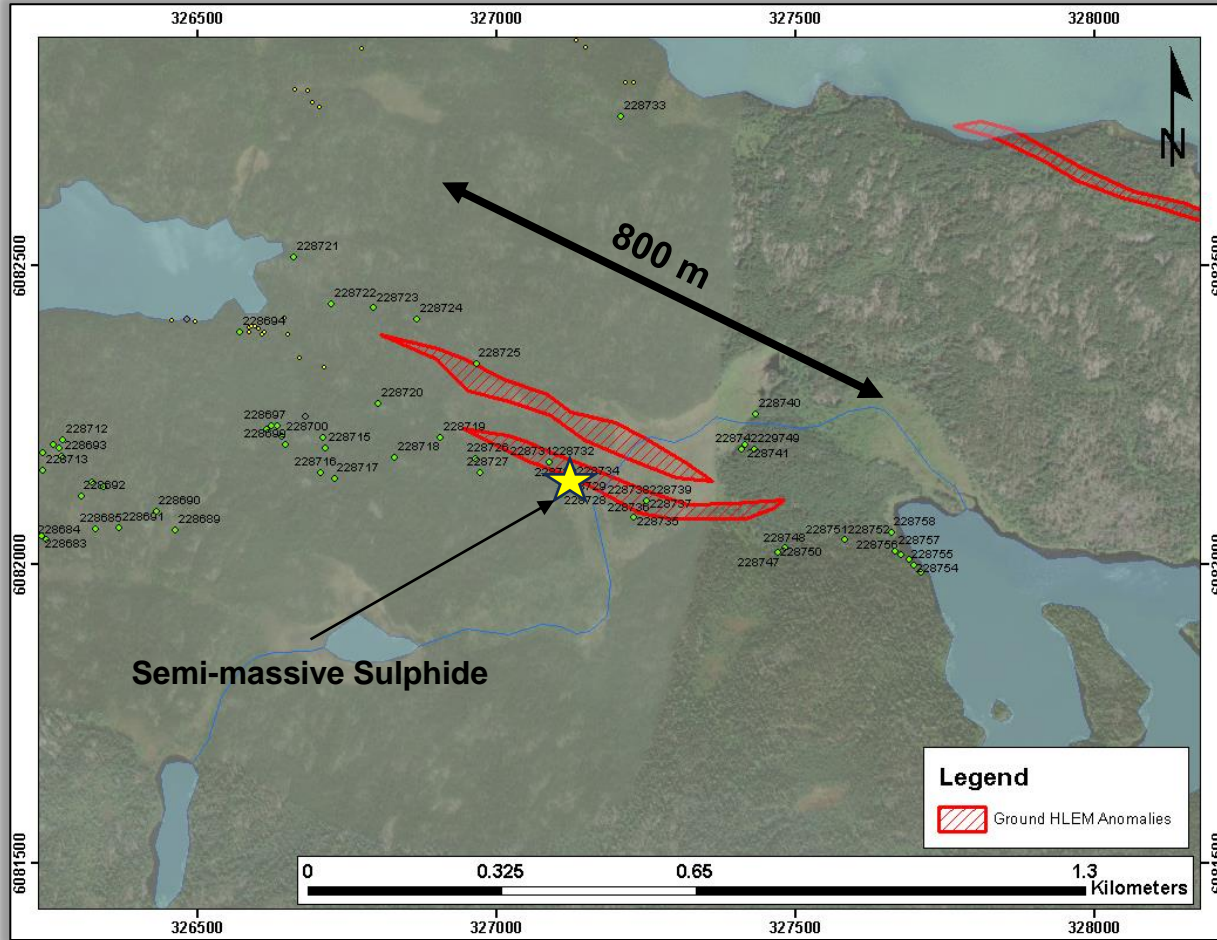
- Conductive anomaly occurs over 850 metres and is supported by two different geophysical surveys (VTEM and ground HLEM)



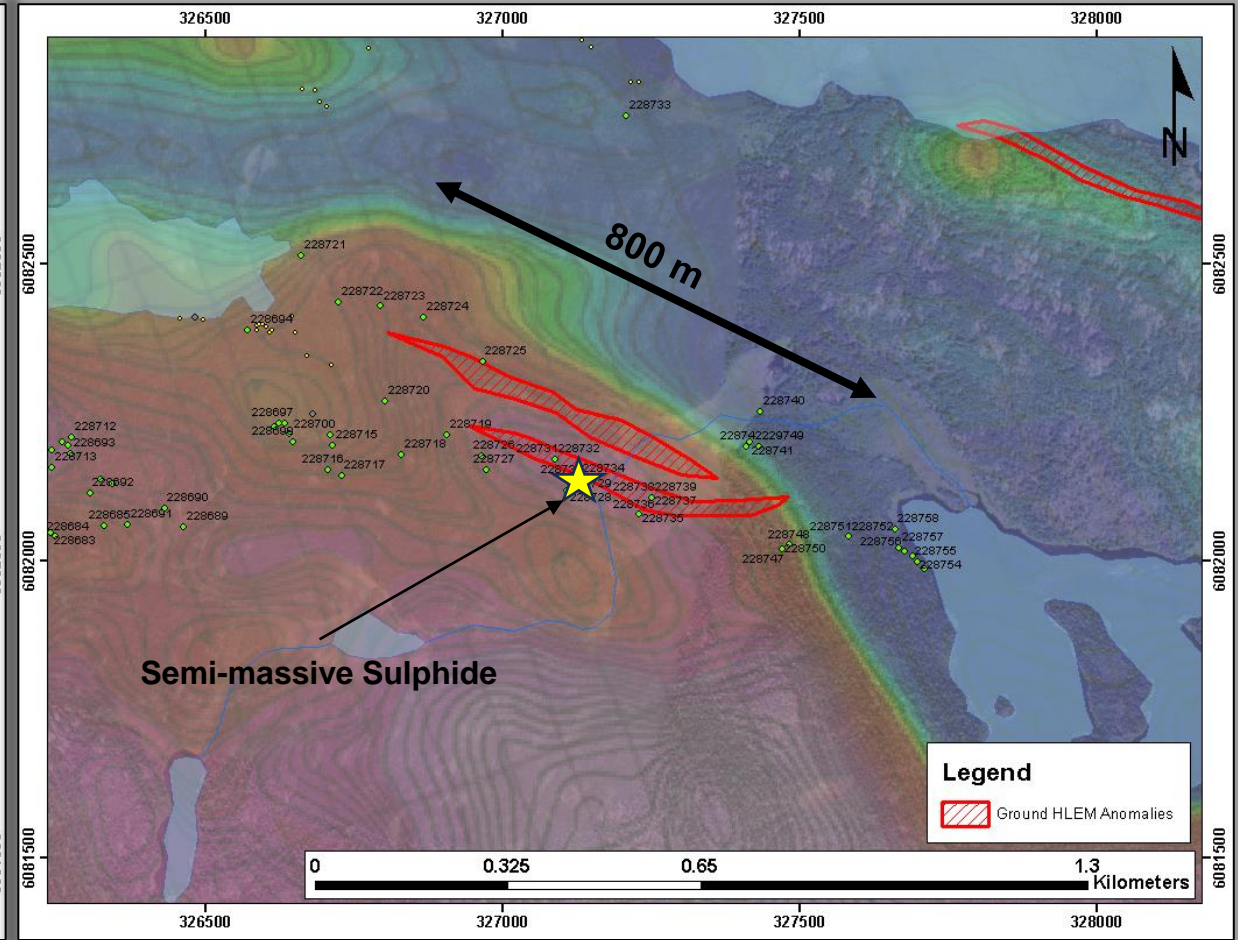
# Tartan Mine Property – West Sly Fox Target



### HLEM anomalies with Satellite imagery background



### HLEM anomalies with TMI background

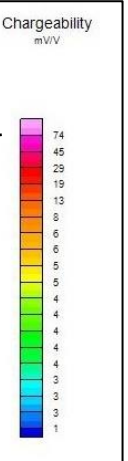
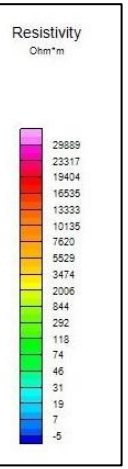
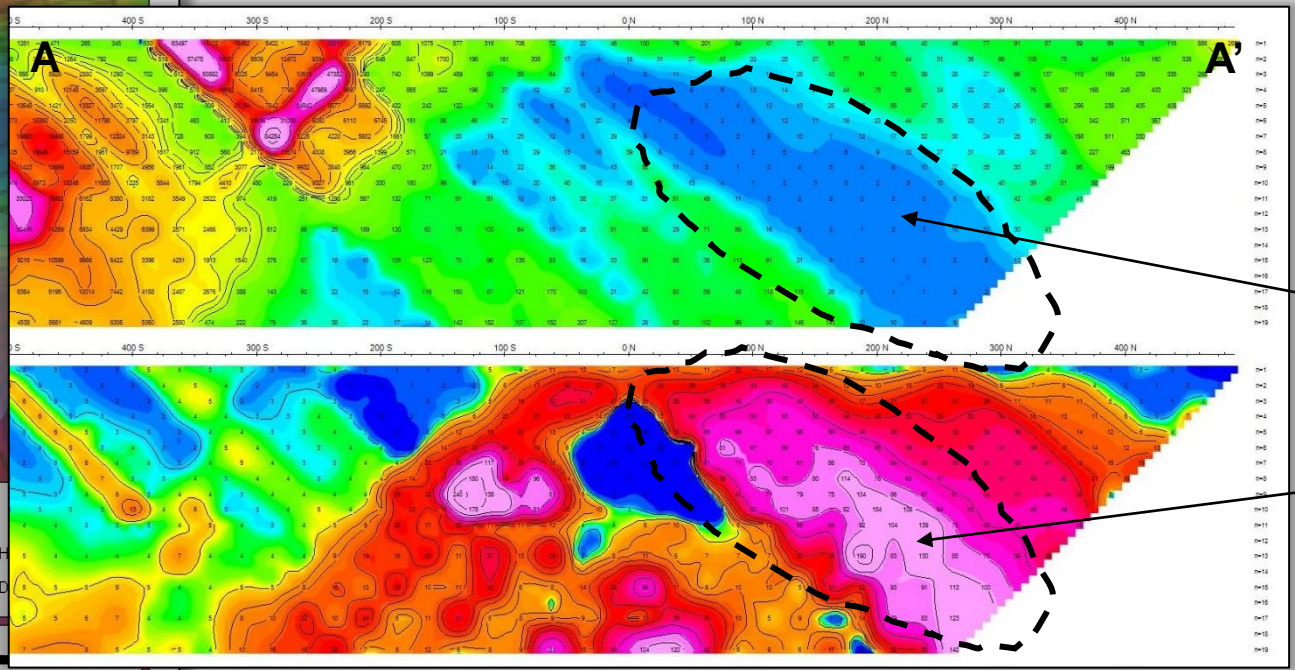
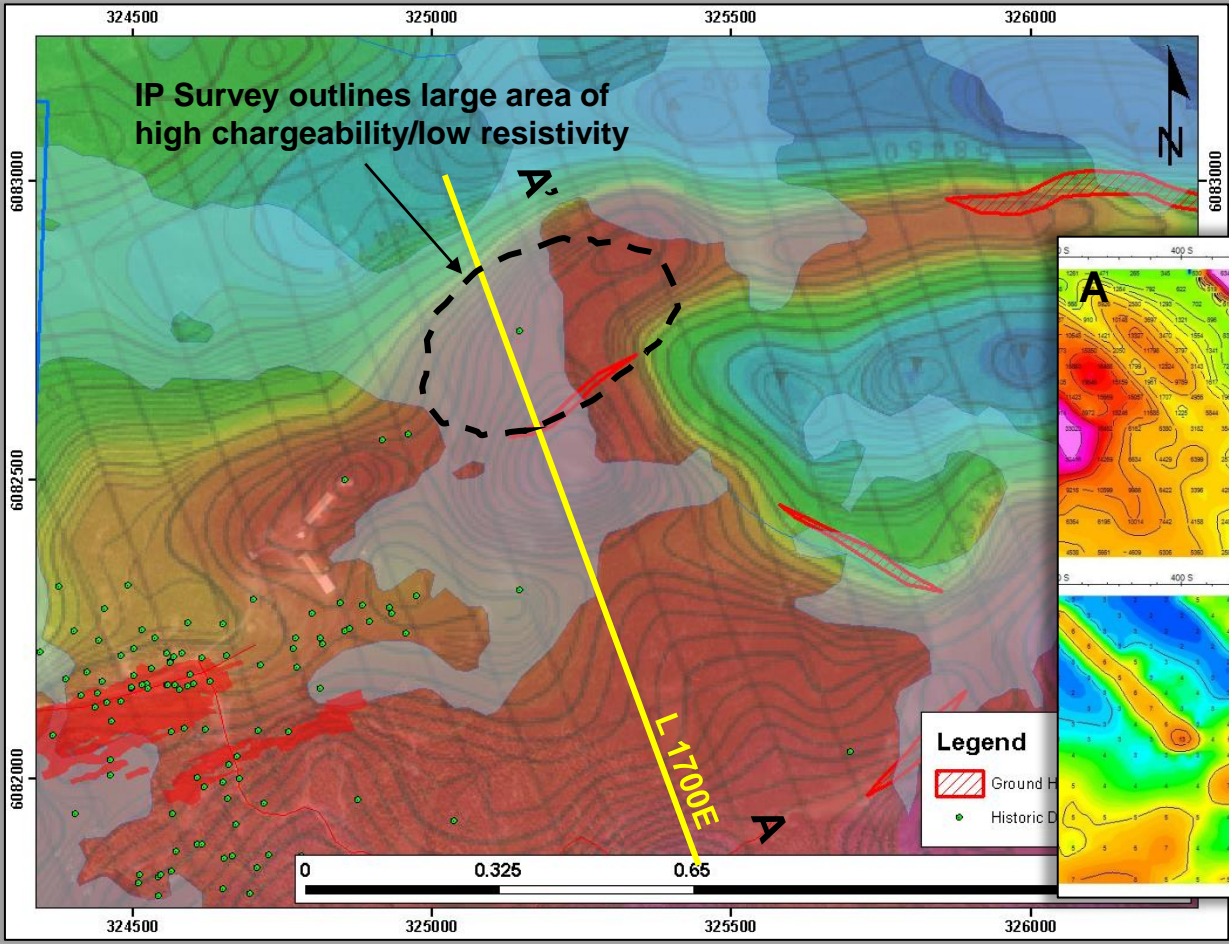


# Tartan Mine Property – MOAC Target



## HLEM anomalies with TMI background

IP Survey conducted in 2022 – Pole dipole, 25m, n=1 to 19





# Tartan Mine Property – East Sly Fox Target



## 1953 drilling by Hudson Bay Exploration

Drilling likely targeted an EM response. However, collar locations appears to be South-East of the ground HLEM and airborne VTEM anomaly

DDH 25 (-45 dip towards north to 86 metre depth)

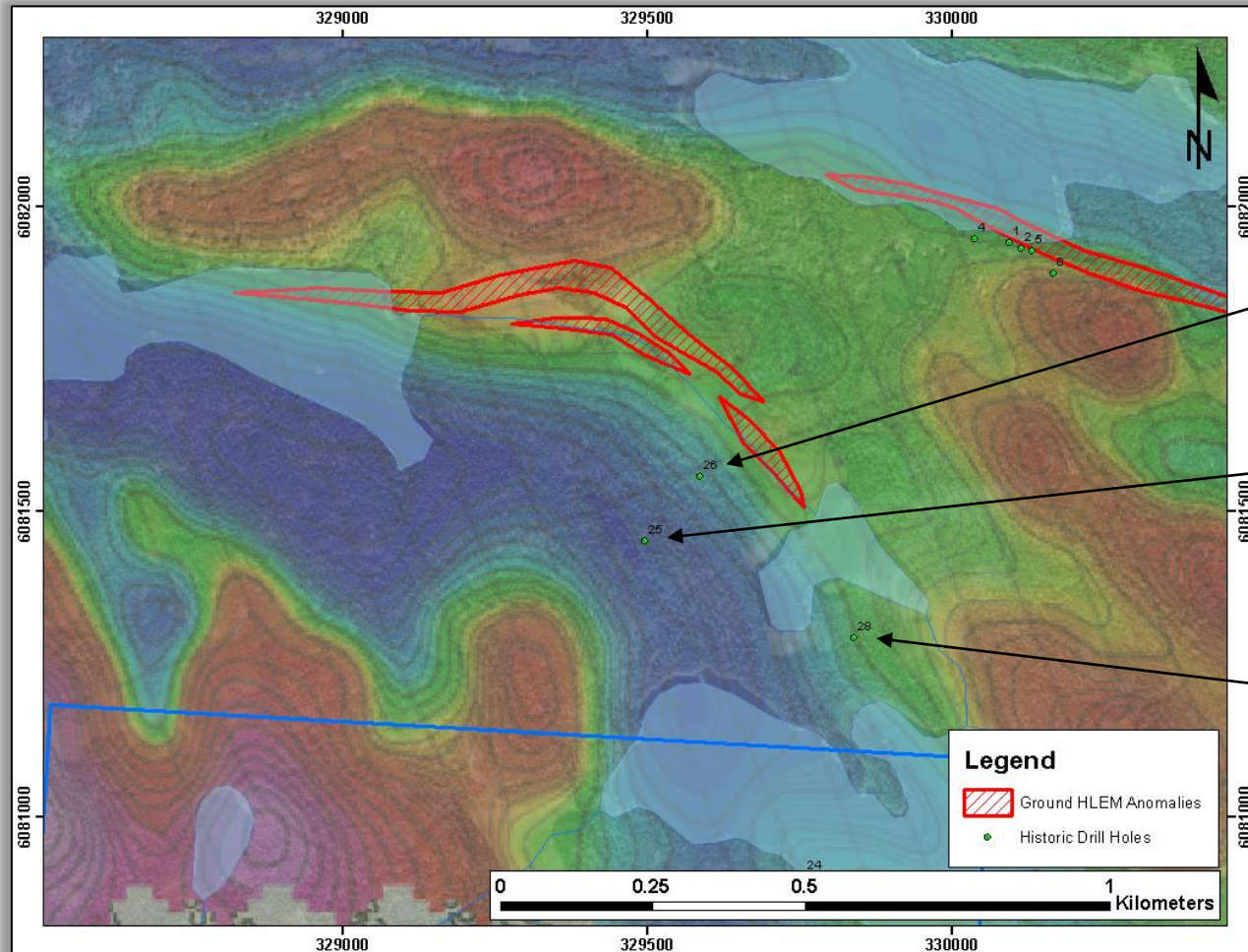
Intersected andesite minor graphite, no assays reported

DDH 26 (-45 dip towards North to 157 metre depth)

Intersected mostly andesite with sections of graphite, pyrite and pyrrhotite. No Assays reported

DDH 28 (-45 dip towards North to 162 metre depth)

Intersected mostly andesite with sections of graphite, pyrite and pyrrhotite. No Assays reported



## Summary

- Project is located within a World-class VMS terrain
- Historic copper occurrences are coincident with conductive features
- Semi-massive sulphide with anomalous copper discovered above a conductor
- Conductors have been untested or poorly tested with drilling

## Next Steps

- Detailed field mapping and surface sampling of the four priority areas
- High-level analysis and interpretation of VTEM conductive anomalies
- Generate prioritized drill targets
- Following drilling conduct borehole EM to determine location and geometry of off hole anomalies