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JUGGERNAUT EXPLORATION LTD. TSX.V : JUGR

QUANTEC Geoscience

Illuminating the subsurface since 1986

XPLORATION TECH SYMPOSIUM

BIG IDEAS | NEW TECHNOLOGIES | PIONEERING NEW PROCESSES

Juggernaut Exploration's Midas Volcanic Hosted Massive Sulphide discovery.

An application of multiparameter array based survey technology and inversion processing

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Overview

1. A short overview of TITAN distributed DCIP & MT technology

2. Applied application at Juggernaught

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Quantec geophysical imaging services

TITAN

- 2D Deep earth imaging – distributed array based data acquisition Flexible deployments of: IP and AMT and MT

ORION 3D

- 3D Imaging – complete REAL 3D data acquisition for complex environments providing accurate surface to depth imaging of IP and MT Imaging

SPARTAN MT

- Flexible 1D, 2D and 3D deep resistivity imaging utilizing high resolution 24-bit MT

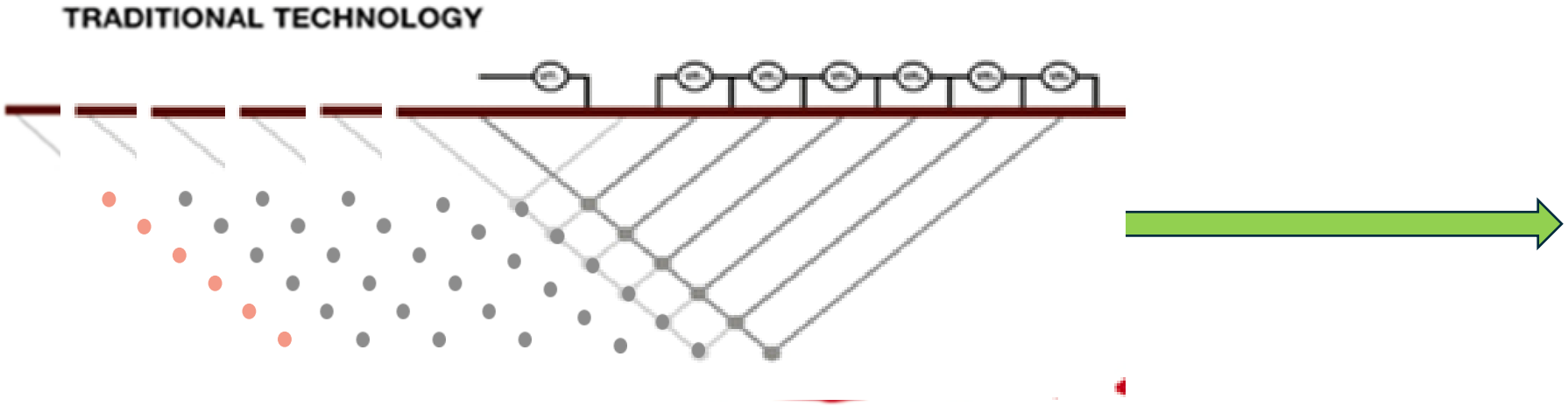
Broad range of expertise and services

Some considerations regarding DCIP imaging

Traditional approach for surveying

The array moves up to complete data collection (roll along technique)

Example n=6, a= 50 (sensing down to roughly 6 x 50 / 3 = 100m)

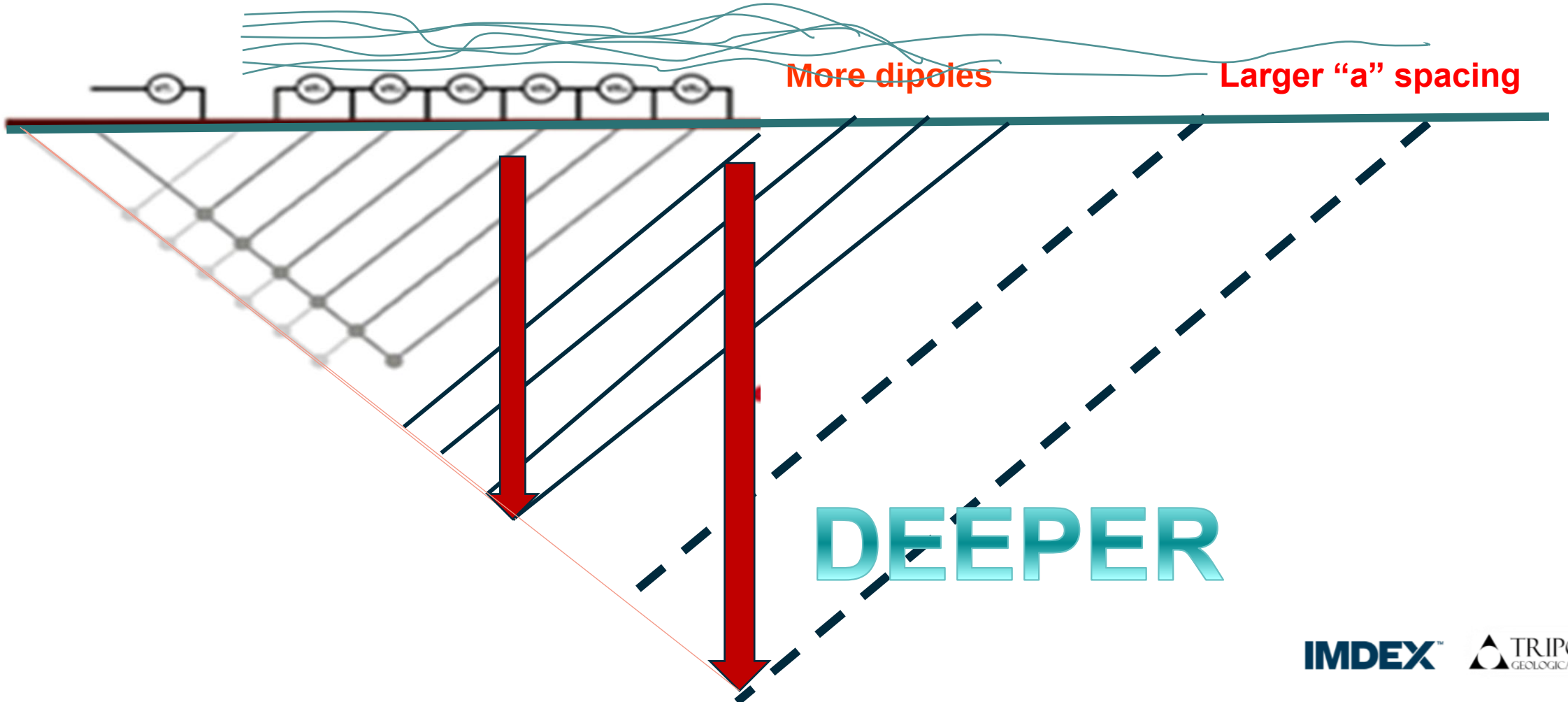


In order to get useful information about targets expected at depths of 100 metres, we need to collect information below the target (150-200m)

Depth of interest

Traditional approach for surveying

By increasing the number of dipoles and also increasing the dipole spacing DEEPER investigation can be achieved



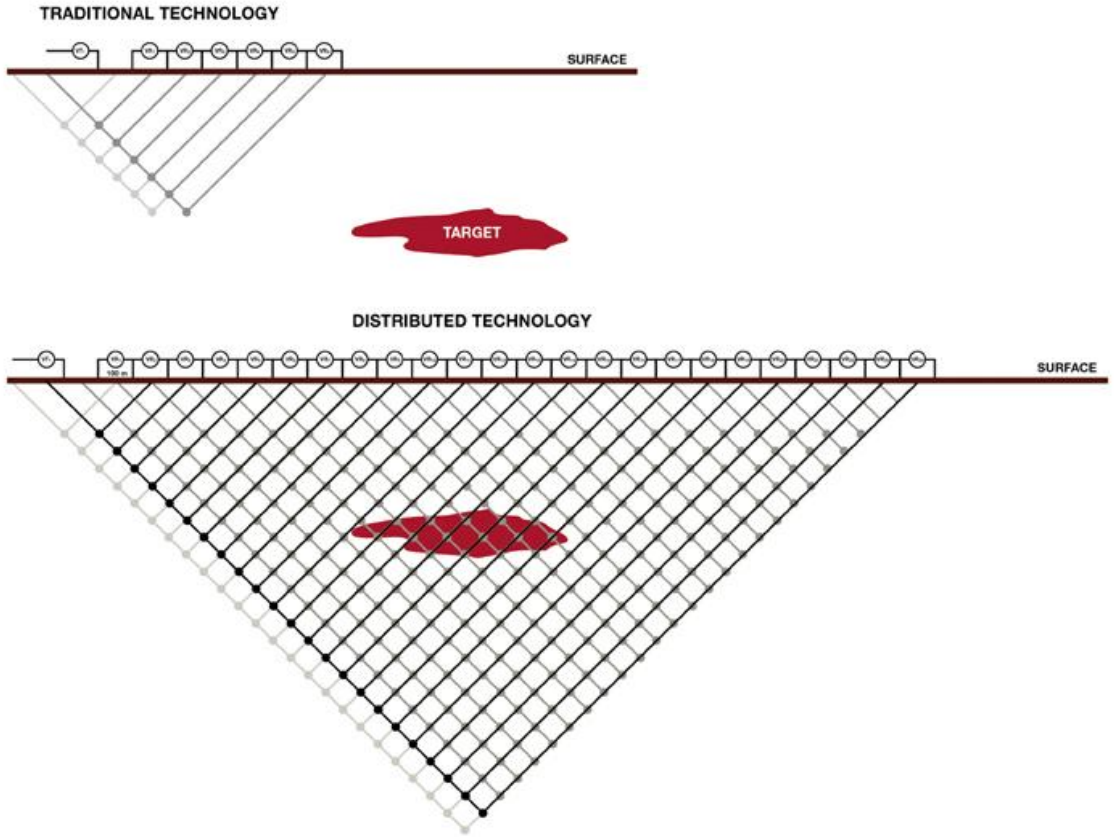
How we got deeper

Advent of distributed acquisition technology

DAS

In a nutshell…

- More receivers
- The array geometry could increase vastly
- Measurement of many dipoles simultaneously
- Measure the array in both directions
- Detect smaller responses
- Collect way more data – which contributes to the inversion process improving

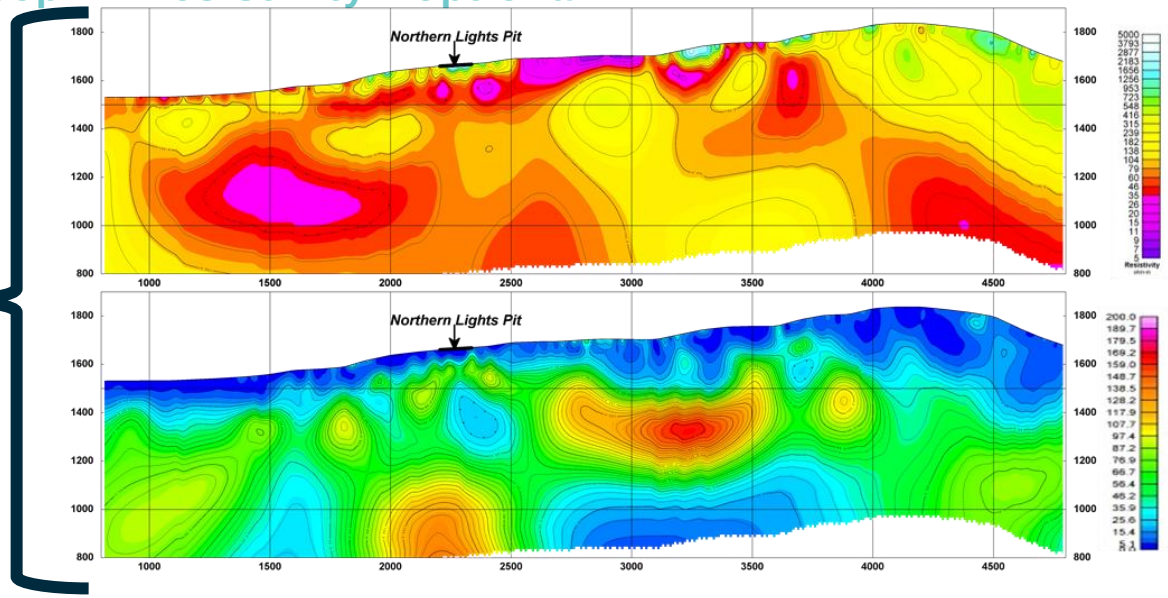


Importance of collecting data well below the target depth to increase overall accuracy of images at the target depth

Multiparameter capability

Addition of deep MT resistivity - optional

DCIP

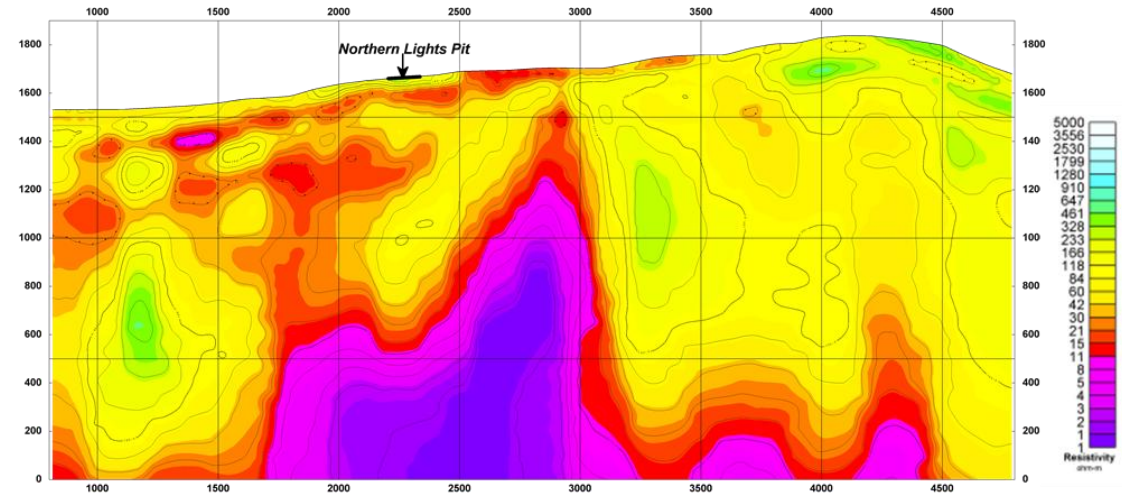


Top panel: DC Resistivity

Typically 500-750 metres

Middle panel: Chargeability

+ MT



Typically 1500 metres

Bottom panel: MT Resistivity

PW 2D inversion;

TITAN DCIP & MT

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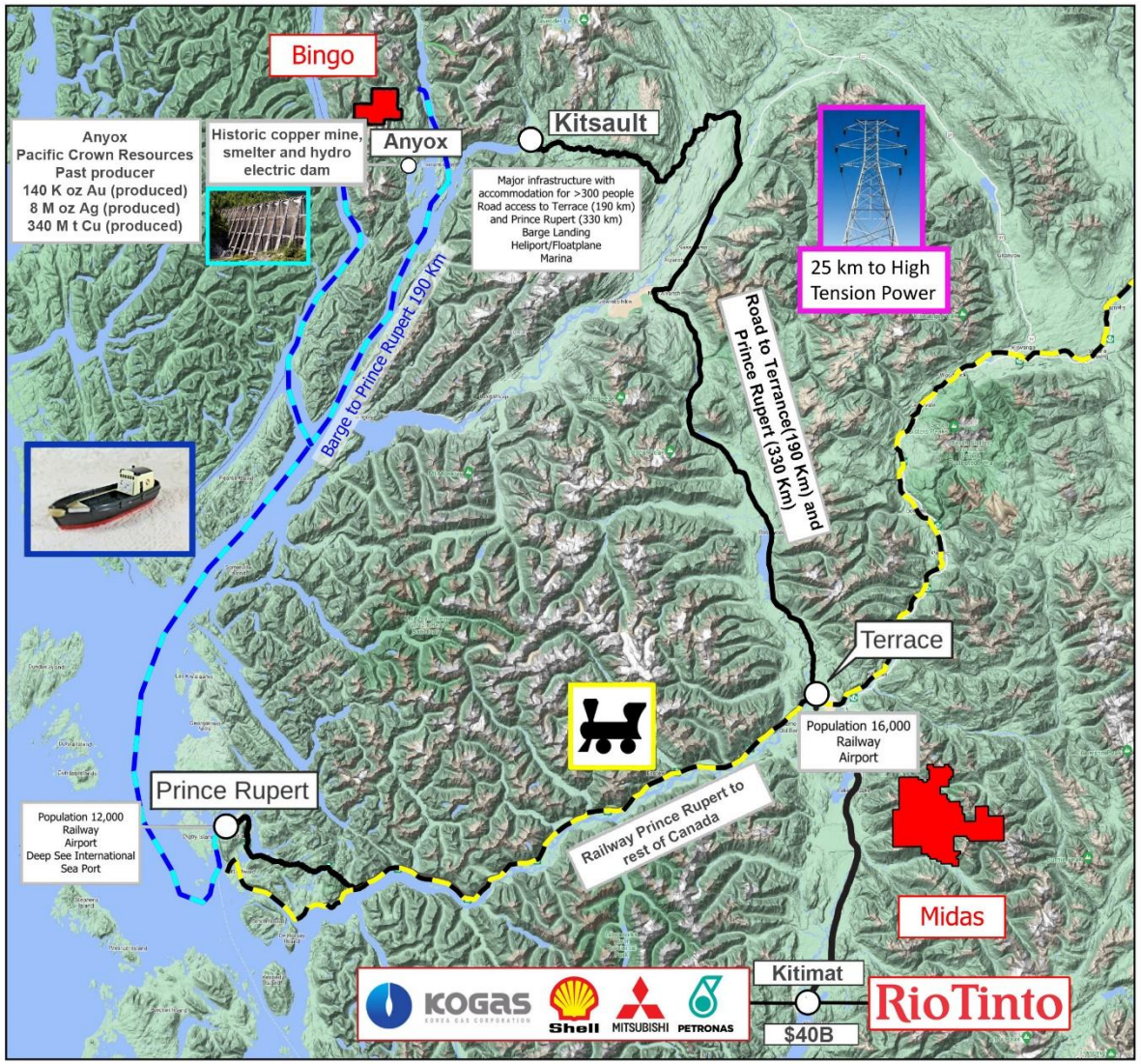
Juggernaut Exploration Ltd

Company overview

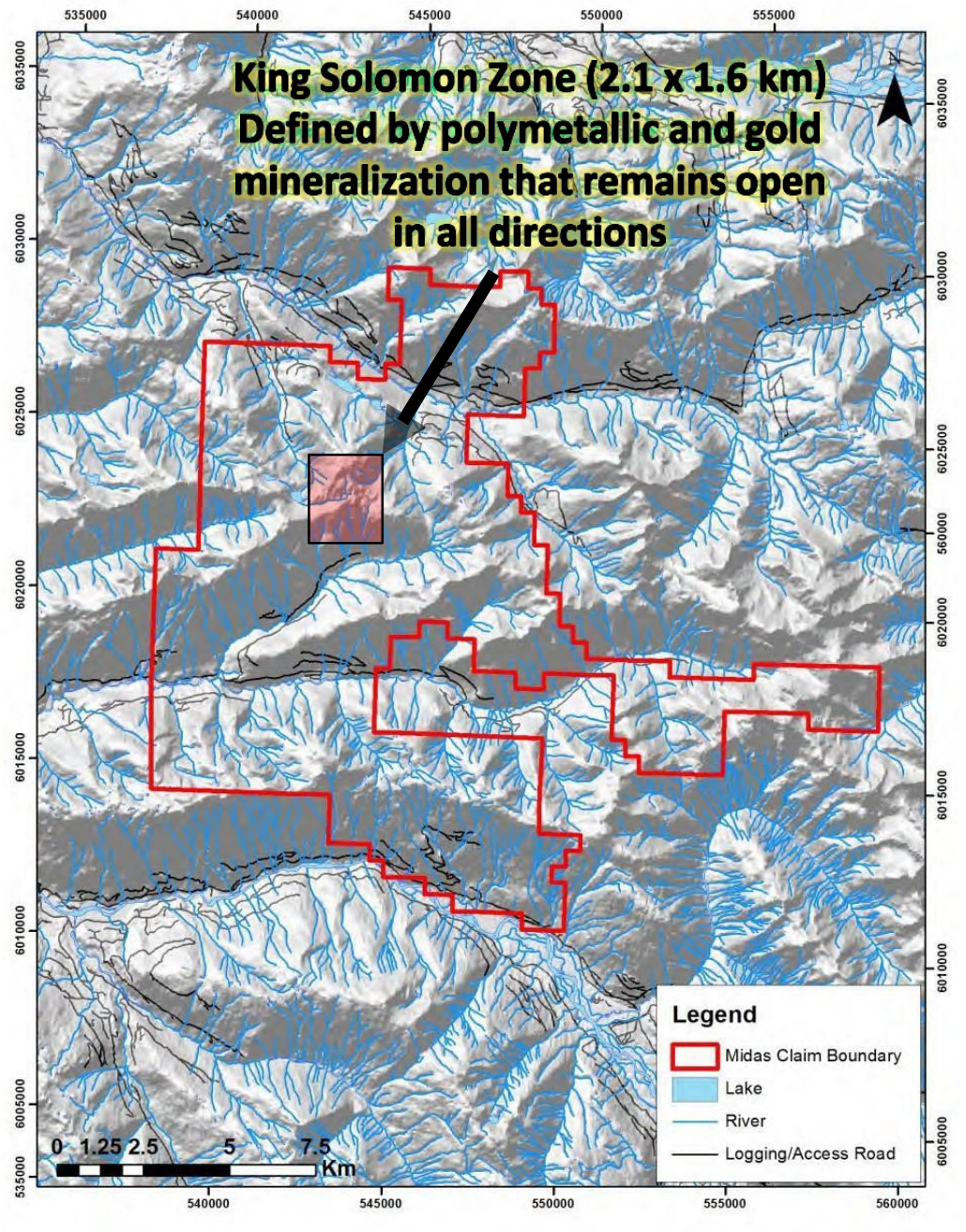
- Juggernaut Exploration Ltd – **A New Ground Floor Opportunity**
- Focused on Northwestern British Columbia With Exposure to Over 9 Precious and Base Metal Projects
- **Seasoned Team**: 30 Years of a Proven Track Record of Discovery Culminating in ~1 Billion Dollars of Value
- **Bingo (High Grade Shear Hosted System)**
- **Midas Property (Eskay-style VMS system)**
- **Rapid Glacial and Snowpack Abatement** resulting in discoveries



Midas Property

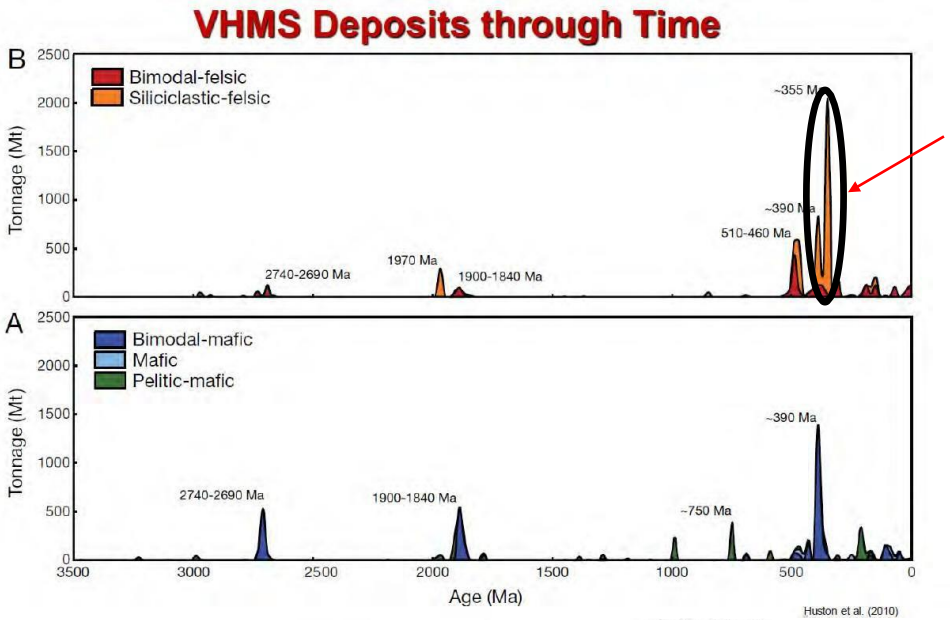
Property overview

- The Midas Property is **20,803 ha**
  - 100 % controlled by Juggernaut
- Logging road access on property
- 14 km to major power, CN rail, and roads
- Further, 10 km to Terrace, BC and major infrastructure, and further 45 km from Kitimat deep seaport and Rio Tinto smelter
- **World class geological setting** with strong potential for VHMS Eskay Creek-style mineralization

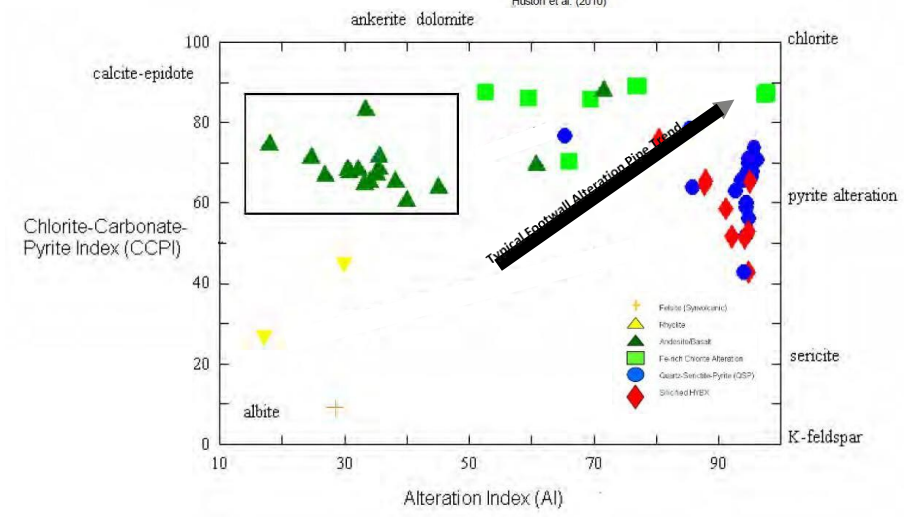


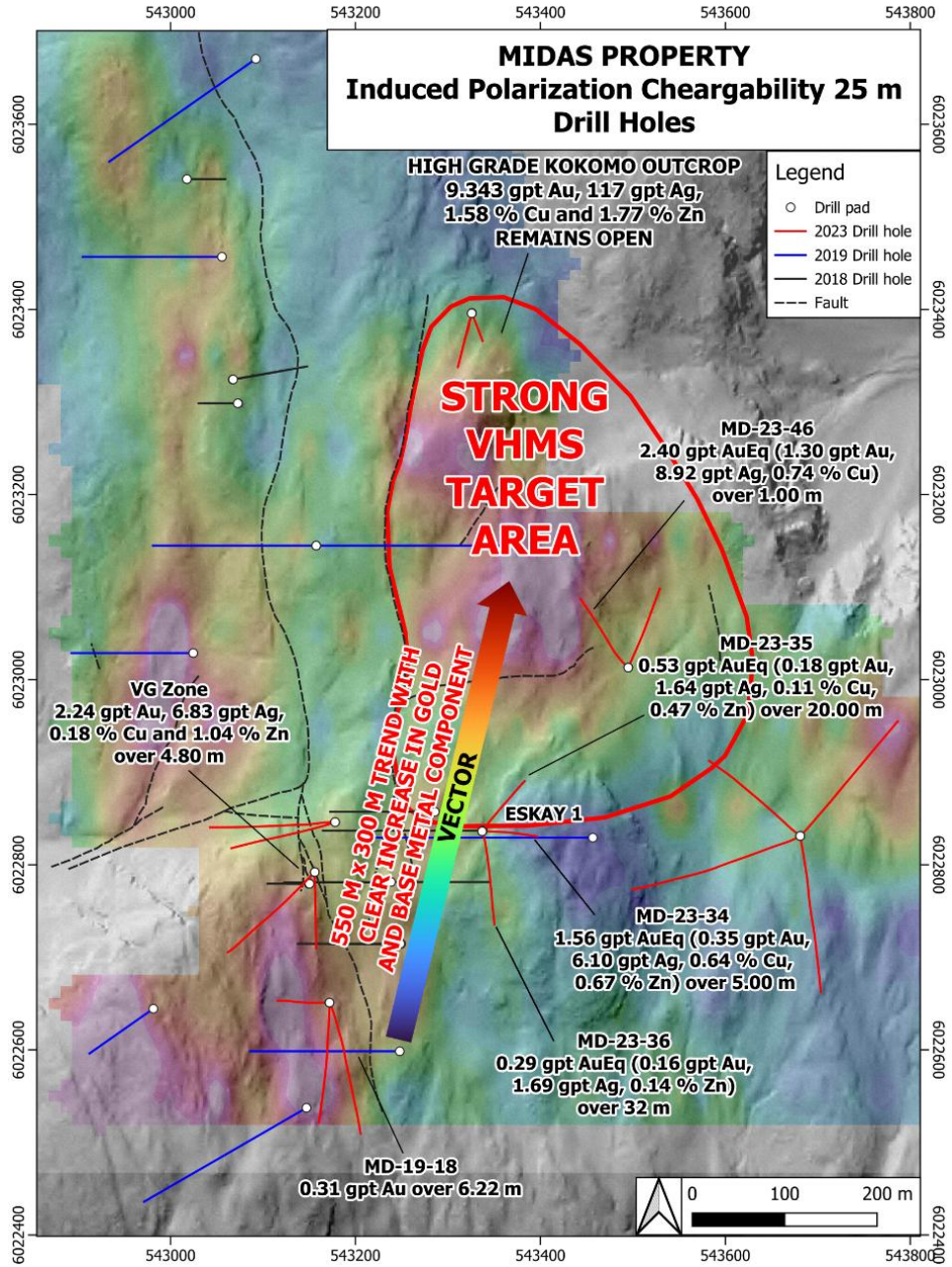
Geology

Eskay-style VHMS target



Mt Attree Volcanics
Mississippian in age





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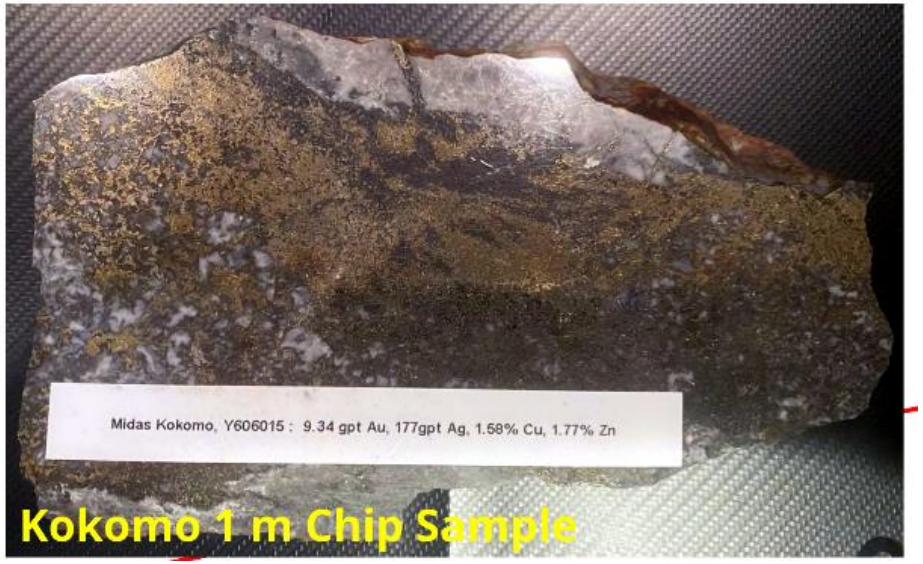
Kokomo Target

VHMS Mineralization

- Multiple high-grade gold grab, chips and channel samples including Kokomo showing where a 1 m chip sample assayed 9.343 gpt Au, 117 gpt Ag, 1.58 % Cu and 1.77 % Zn
- Eight (8) Bulk Leach Extractable Gold (BLEG) samples returned high-grade gold ranging from 24.31 ppb Au to 107.35 ppb Au within a 650 meters by 200 meters area located immediately to the southeast draining the Kokomo showing and surrounding area along strike
- Relatively shallow Induced Polarization (IP) chargeability and resistivity anomalies
- Alteration zones extracted from Worldview 3 satellite spectral data show a strong silica, iron and phyllic alteration (quartz-sericite-pyrite) signature coinciding with the Kokomo showing



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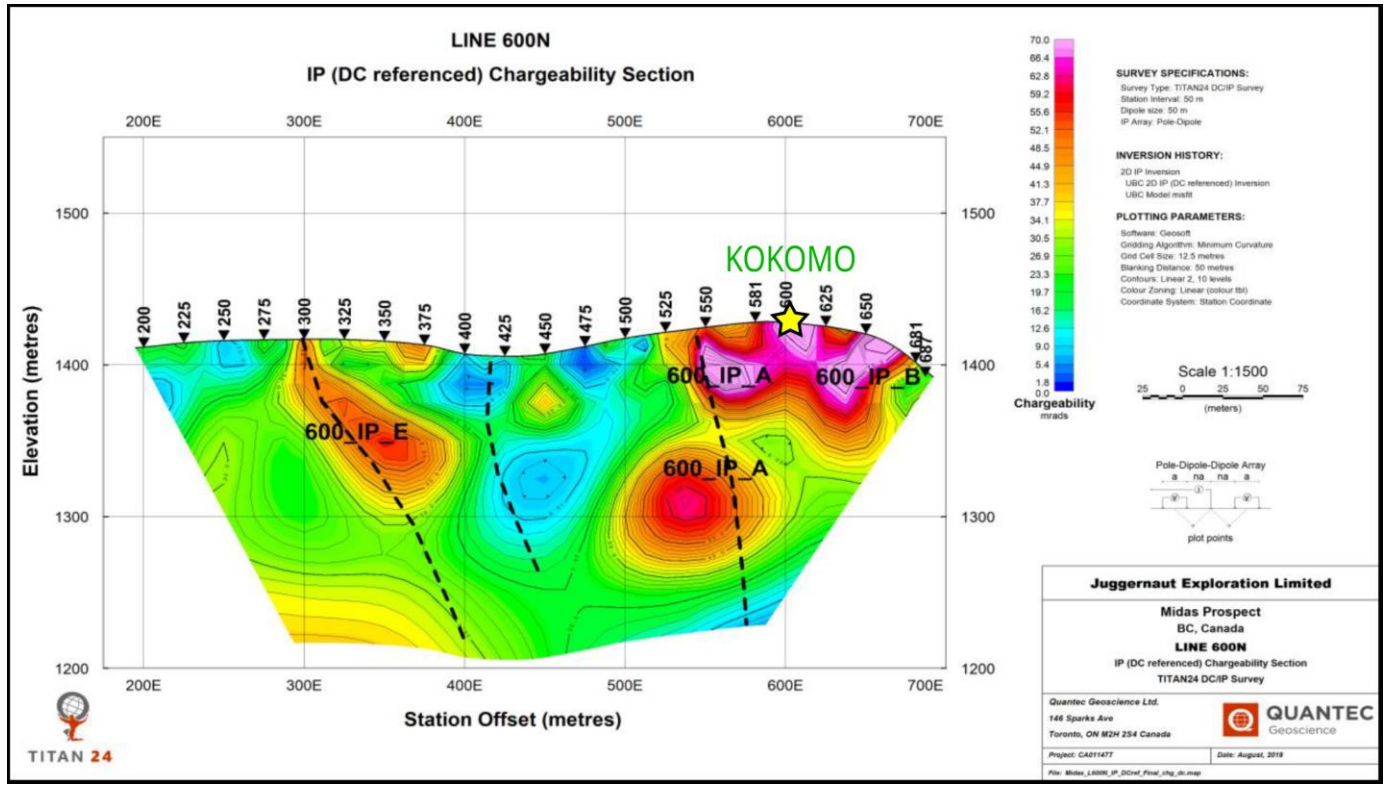
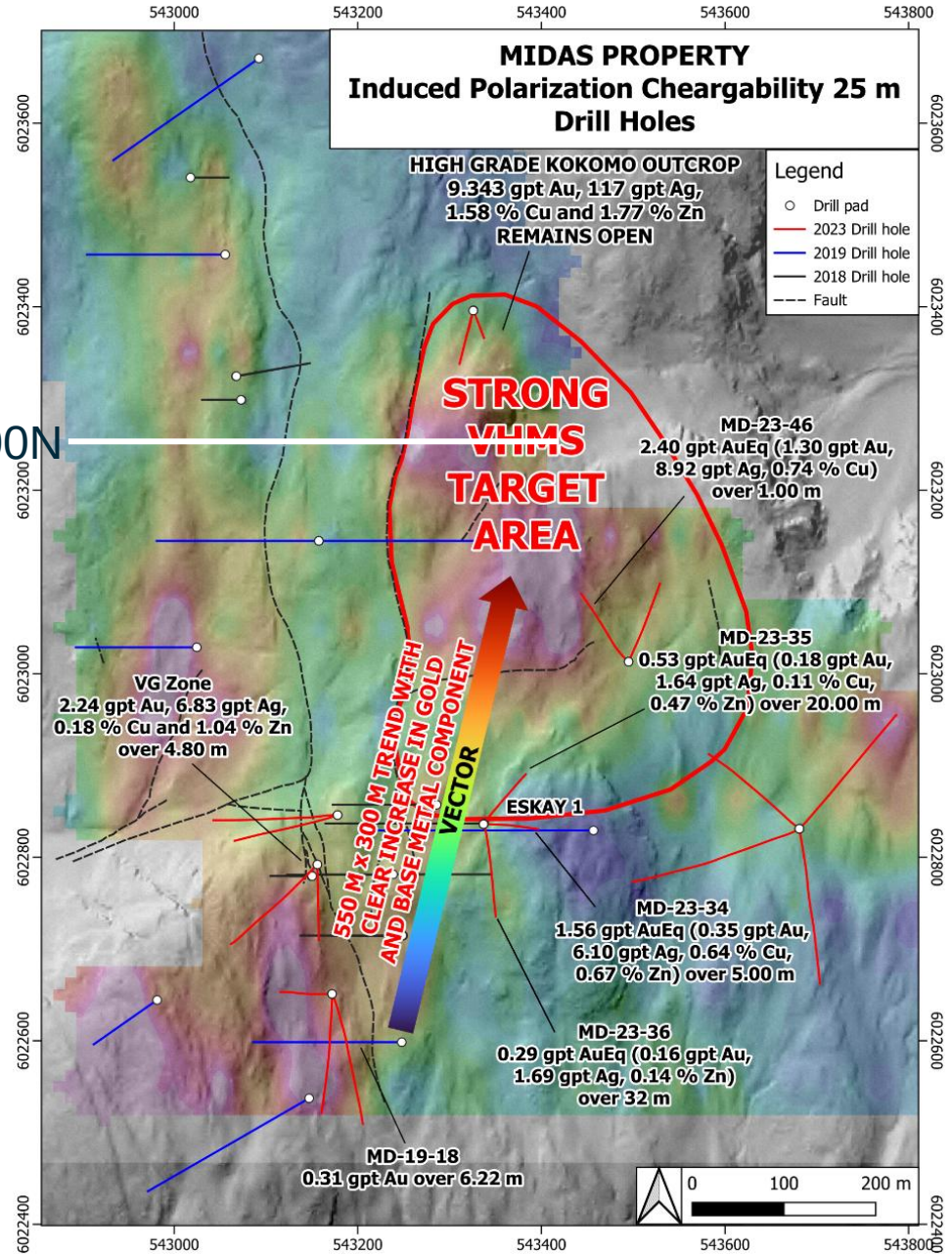
Induced Polarization Survey

Drill target generation



LINE 600N



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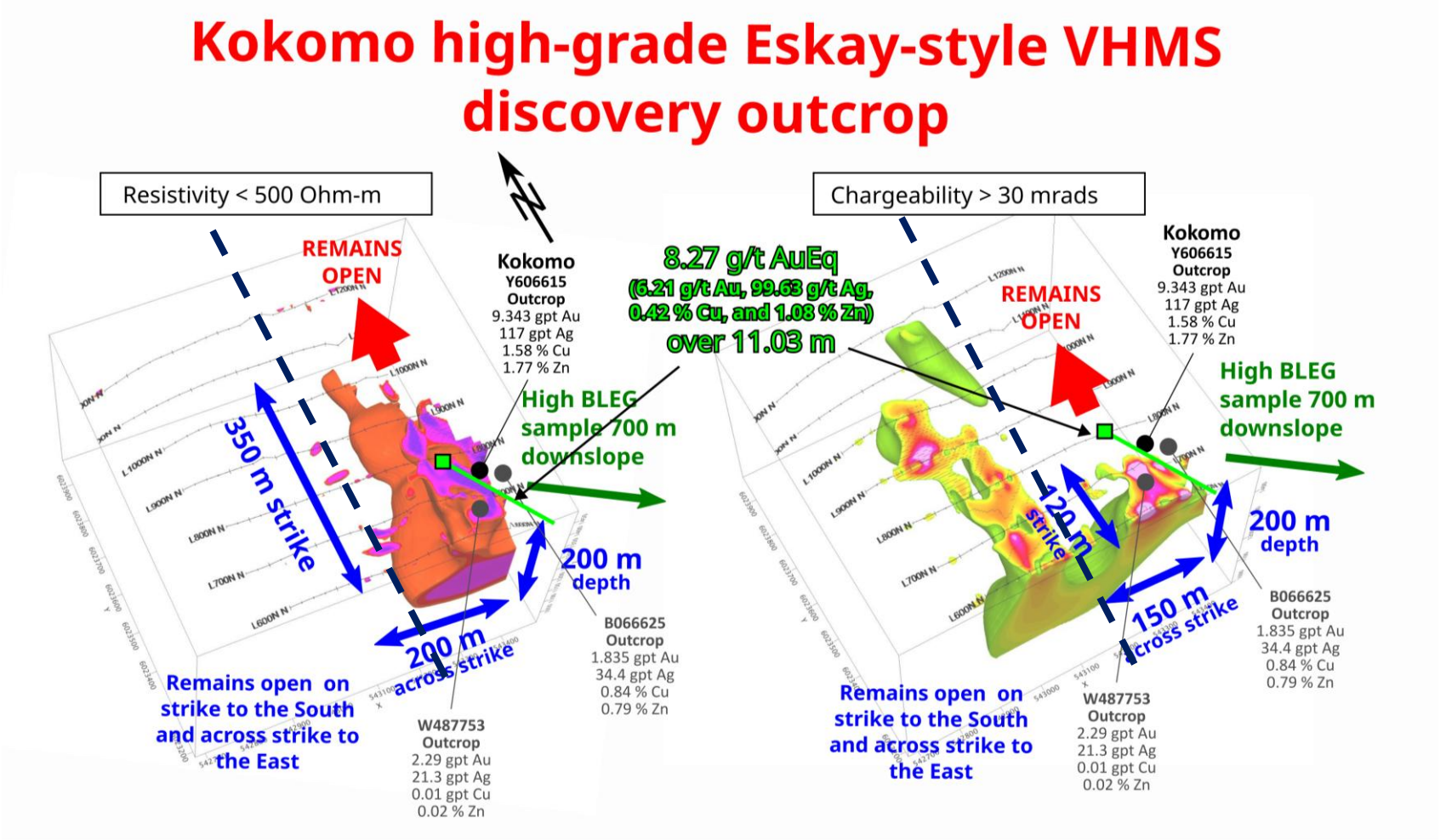
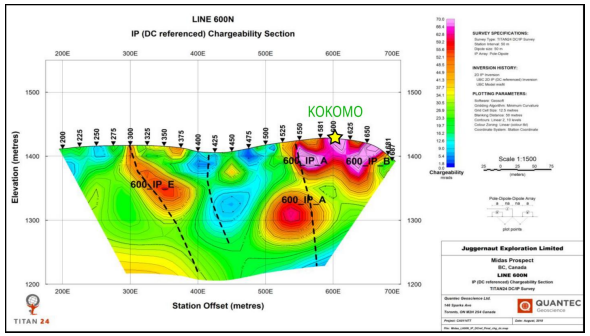
3D Induced Polarization Inversion

Drill target generation

- 120 m by 150 m chargeability anomaly from surface to 200 m depth (potentially highlighting Au, Cu mineralization)
- 350 m by 200 m resistivity anomaly (highlighting?)
- Both anomalies remain open
- Conducive for semi-massive to massive sulphides like those confirmed on surface at Kokomo



2024 Drill Results



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MD-24-47
KOKOMO PAD

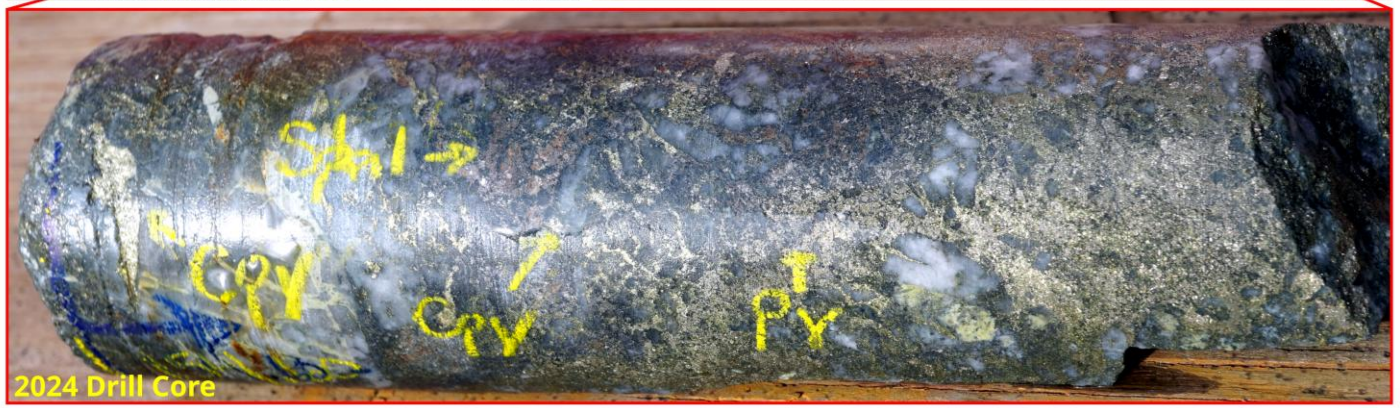
8.27 g/t AuEq

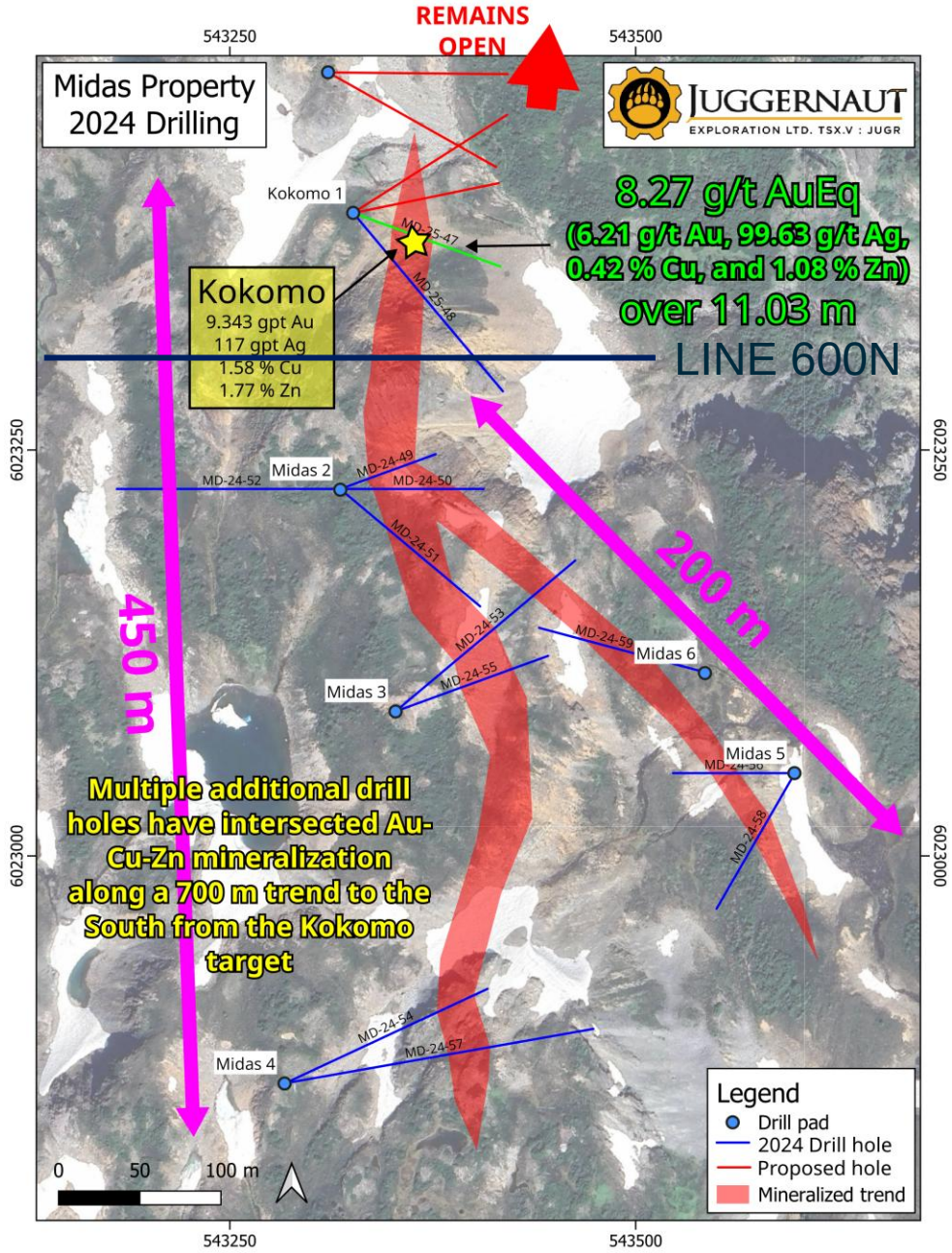
(6.21 g/t Au, 99.63 g/t Ag, 0.42 % Cu, and 1.08 % Zn)

over 11.03 m

Kokomo 1 m Chip Sample

2024 Drill Core


2024 Drill Core



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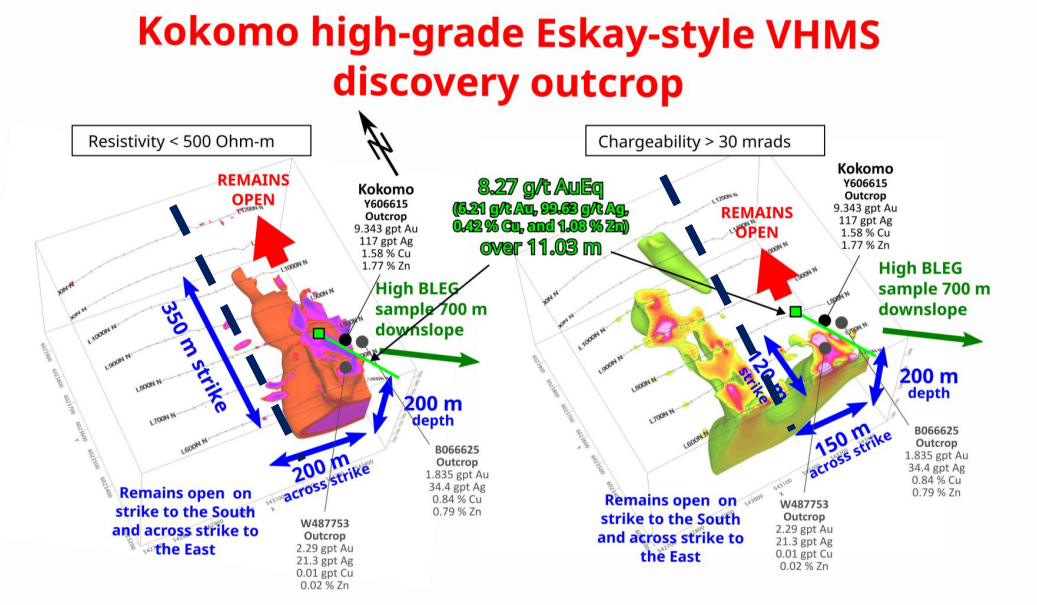
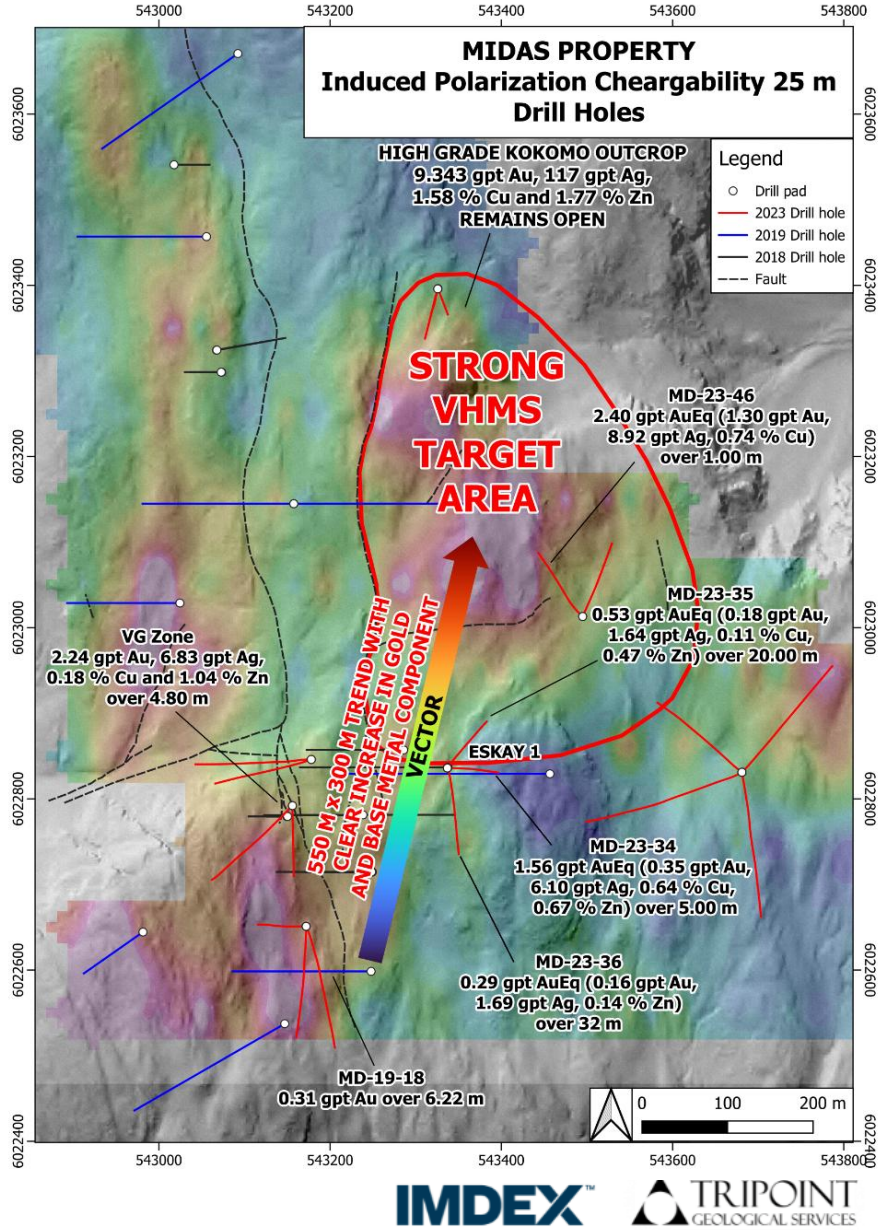
Conclusion

- VHMS target identified on surface and in drill core, thanks to various methods, including Induced Polarization survey, BLEG sampling campaign, surface prospecting and mapping
- Even better… geology, age, alteration, geochemistry, all point to the same type of VHMS system on the Midas property
- Results show that IP is a viable and cost-effective method to explore for VHMS style deposits in the area
- Future: what is the anomaly on the west side? More drilling/prospecting/mapping





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Thank you.

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