



# Zamare Minerals

*A Copper & Cobalt Exploration Company*



## Corporate Presentation

June 2020

*A Private Company Focused on Discovery*



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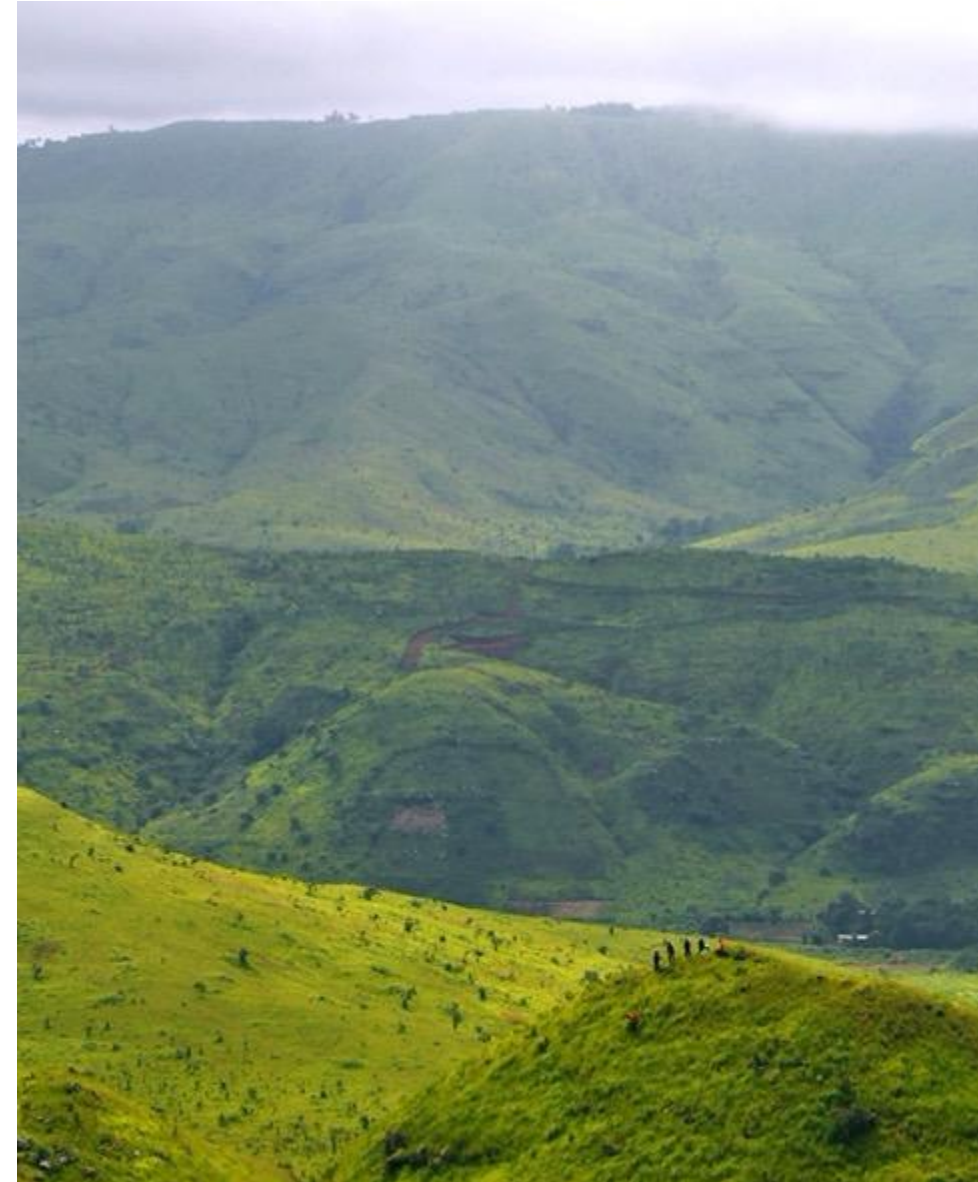
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# Summary



- Private Copper/Cobalt explorer focused on the Zambian side of the Central African Copperbelt, the world's largest and highest grade copper/cobalt province.
- Strategy to find and de-risk a portfolio of highly prospective exploration acreage in Zambia, to locate the next generation of copper/cobalt mines.
- Zamare's assets span the Copperbelt and are all 100% owned:
  - Murundi - 135 km<sup>2</sup>
  - Ntambu - 205 km<sup>2</sup>
  - Dongwe - 243 km<sup>2</sup>
- Strong technical team and well-connected African shareholders with excellent local contacts
- Will apply new geological models/techniques that have led to recent regional discoveries, including remote sensing given access to specialist expertise.
- Tight capital discipline to maximise shareholder returns. Low costs through 'growth' stage.
- Financing currently planned to fund licence renewal and field exploration





# Management and Directors



**Julian Hammond, Chairman.** Over 20 years experience in resources industry. Formerly CEO of a public oil and gas company listed on the LSE & TSX where he helped raise over US\$250 million and built a company from early stage exploration to full cycle production and monetisation. Advised various private and listed mineral exploration companies with early stage potential copper and gold assets, including Kestrel Gold (TSXV) and Sarnia Minerals(private). BA Economics and Masters Renewable Energy.



**Roger Murphy, Managing Director.** Over 30 years experience in whole range of mining industry, starting with exploration geology and underground mining geology in Africa. Transitioned to mining finance in London as an analyst, salesman and corporate financier. Career included Deutsche Bank, Canaccord, Rencap & Dundee Capital. Raised equity capital for around 50 different companies. Most recently CEO of AIM-listed Sula Iron & Gold and African Battery Metals.



**Ian Ilsley, Director.** Professional accountant who has served on the boards of companies both listed and private in various capacities including chairman, CEO, nonexecutive director and finance director and in a diversity of industries including the oil and gas and minerals sectors. He is also well versed in current regulatory and corporate governance requirements.

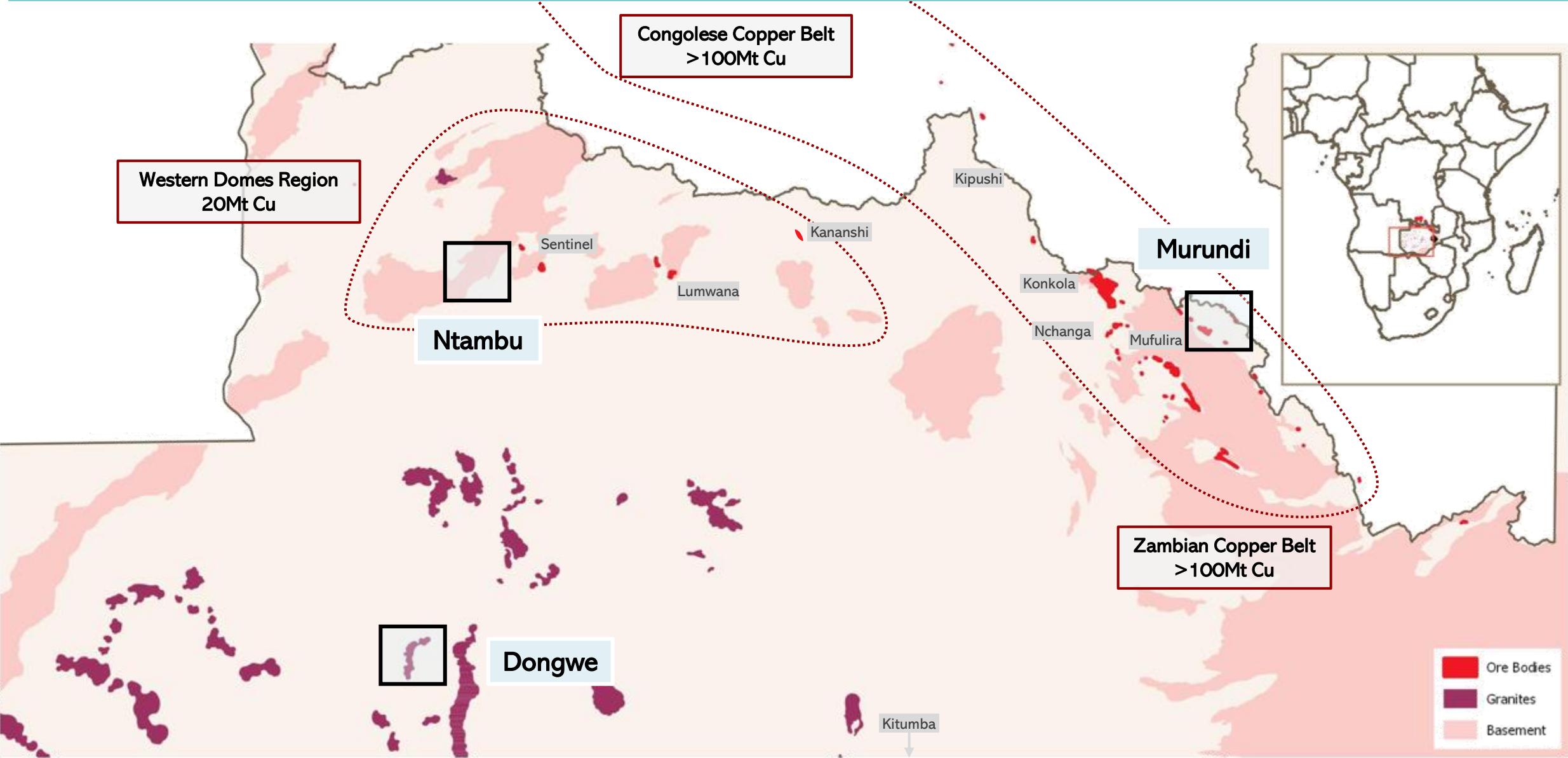


**Tunde Adebayo, Director.** Highly accomplished business executive with over 20 years of global experience delivering results against key milestones in the most challenging circumstances. Tunde has been influential in shaping the telecoms sector and has held senior positions with some of the industry's leading operators in roles spanning IT, Wholesale, MVNO, Business Strategy, Sales, Marketing and Transformation Programmes. Tunde currently consults for Tata Consultancy Services as an Industry Advisor.

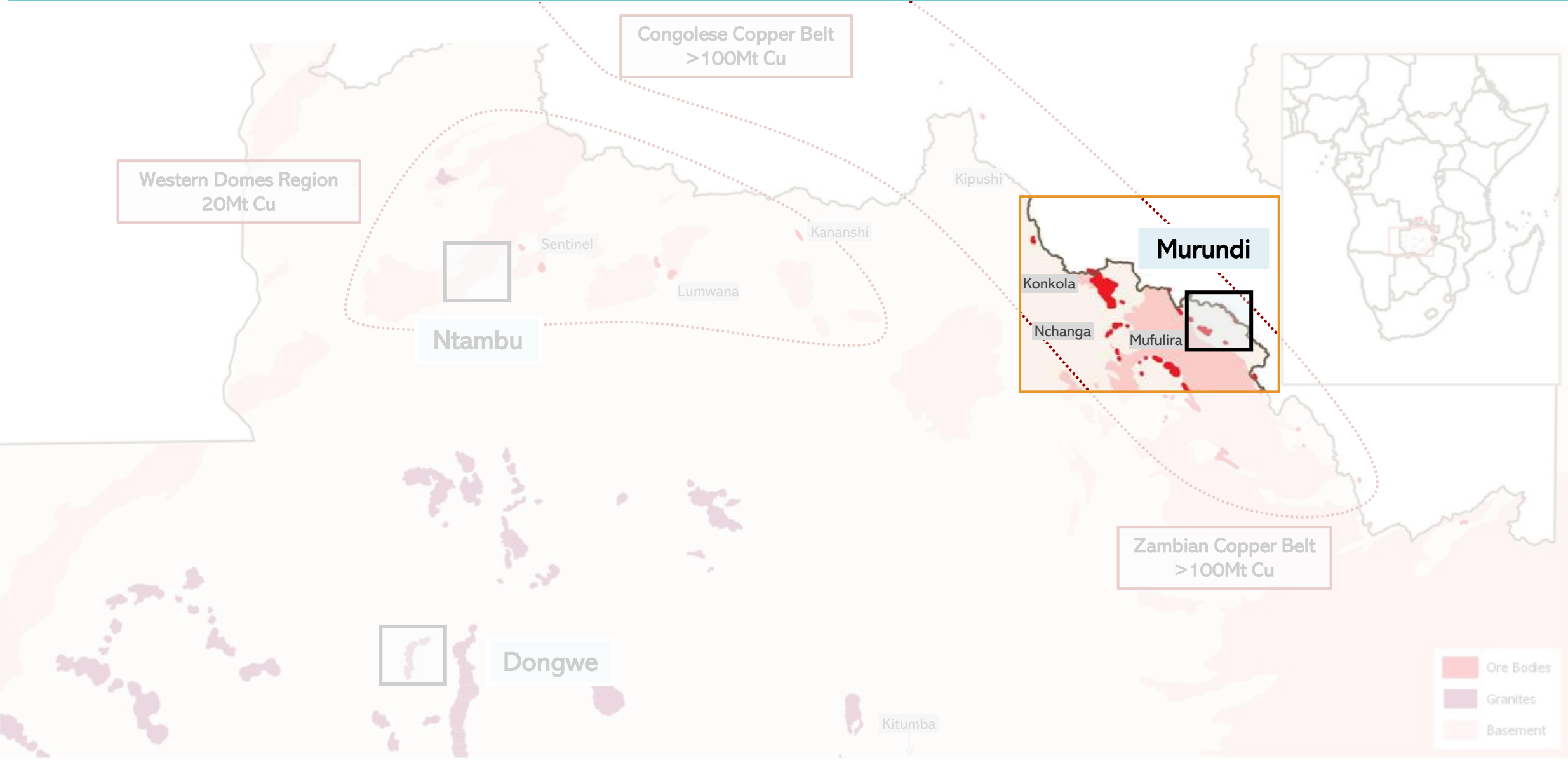


**Tom Gmerek, Exploration Manager.** Geologist with over 9 years of experience in Cu and base metal exploration across Africa(particularly the Zambian Copperbelt), S. America and Asia. Experienced across all aspects of the exploration life-cycle and has successfully identified new Cu mineralisation in frontier regions including The Rep. of Congo, Zambia, Namibia and Colombia. Tom has an M.Sc. In Remote Sensing.

# Assets Span The Copperbelt



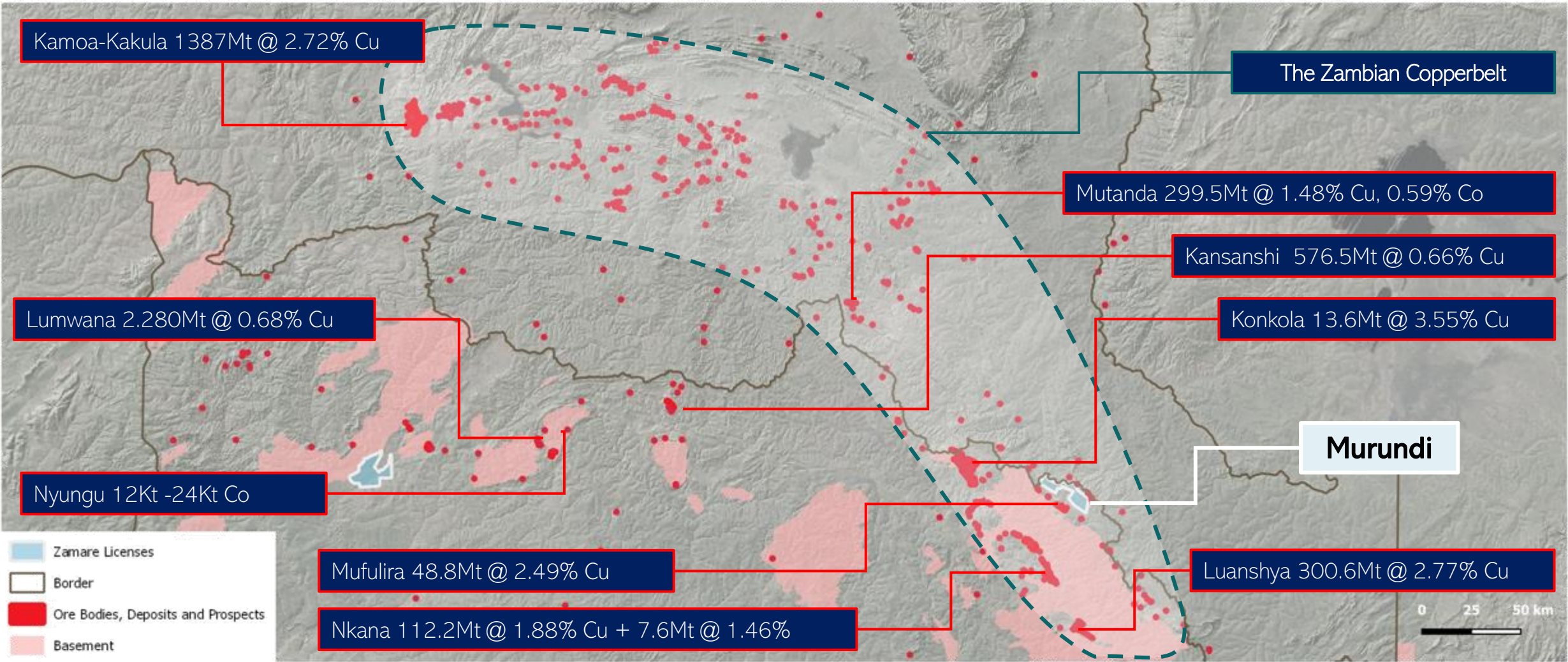
# Murundi – in the Heart of the Zambian Copperbelt







# Murundi – in the Heart of the Zambian Copperbelt



New understanding of controls on mineralization has led to identification of massive new deposits away from the historically important Ore Shale horizon.



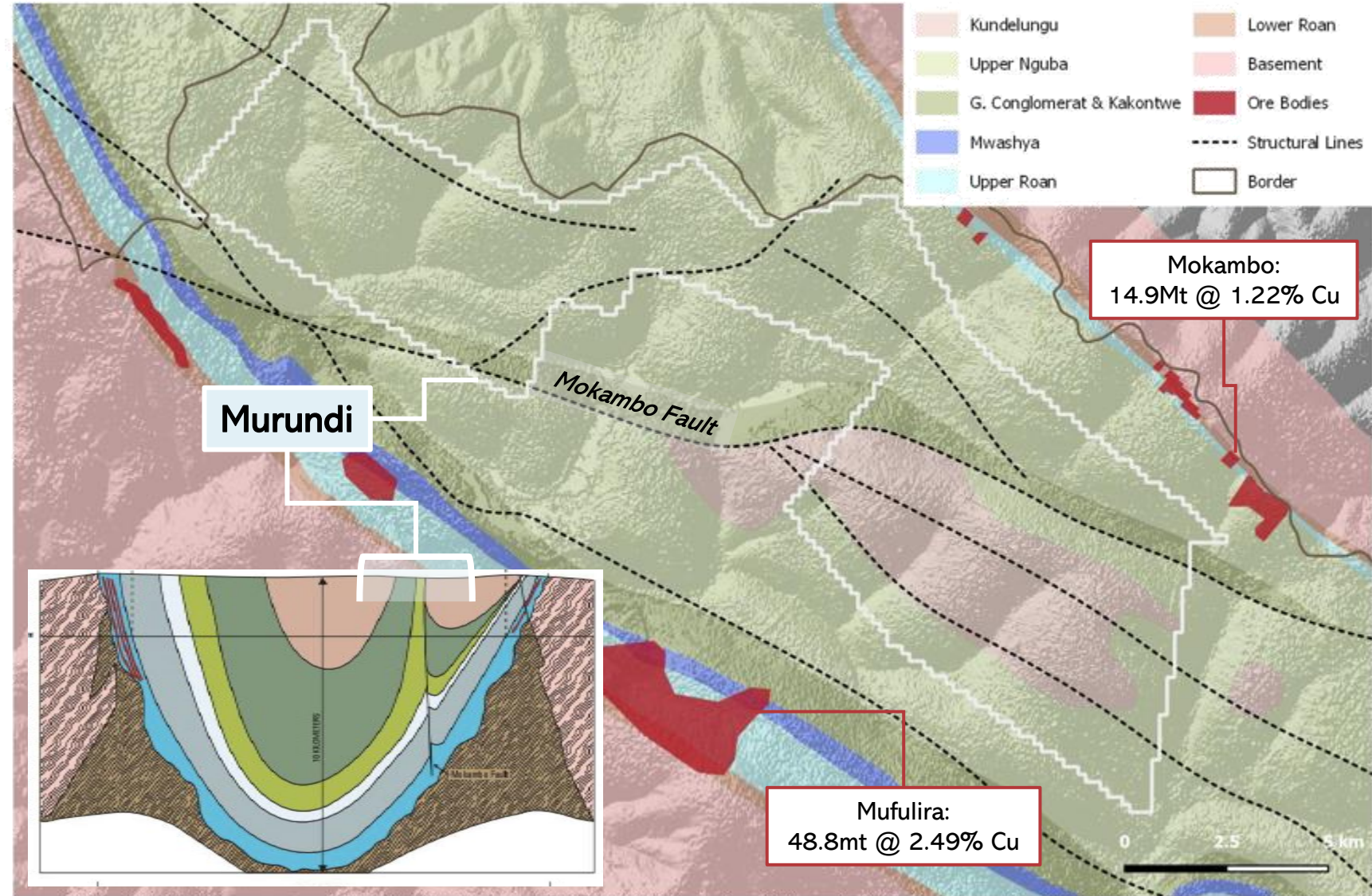
# Murundi – A New Perspective on Copperbelt Mineralisation



Murundi (20859-HQ-LEL 135 km<sup>2</sup>) directly in center of The Copperbelt, is within 3km of the prolific Mufulira mine and adjacent to Changfa Resources, which ran a successful drilling program in 2008.

The licence has been overlooked by previous exploration companies because it is within a stratigraphy formerly thought not to contain mineralization. Since disproven by the discovery of several deposits within the horizon, including Kamoia.

Analysis of regional magnetic data has identified mineralization-controlling structures within the Murundi licence like those associated with Mufulira and other deposits





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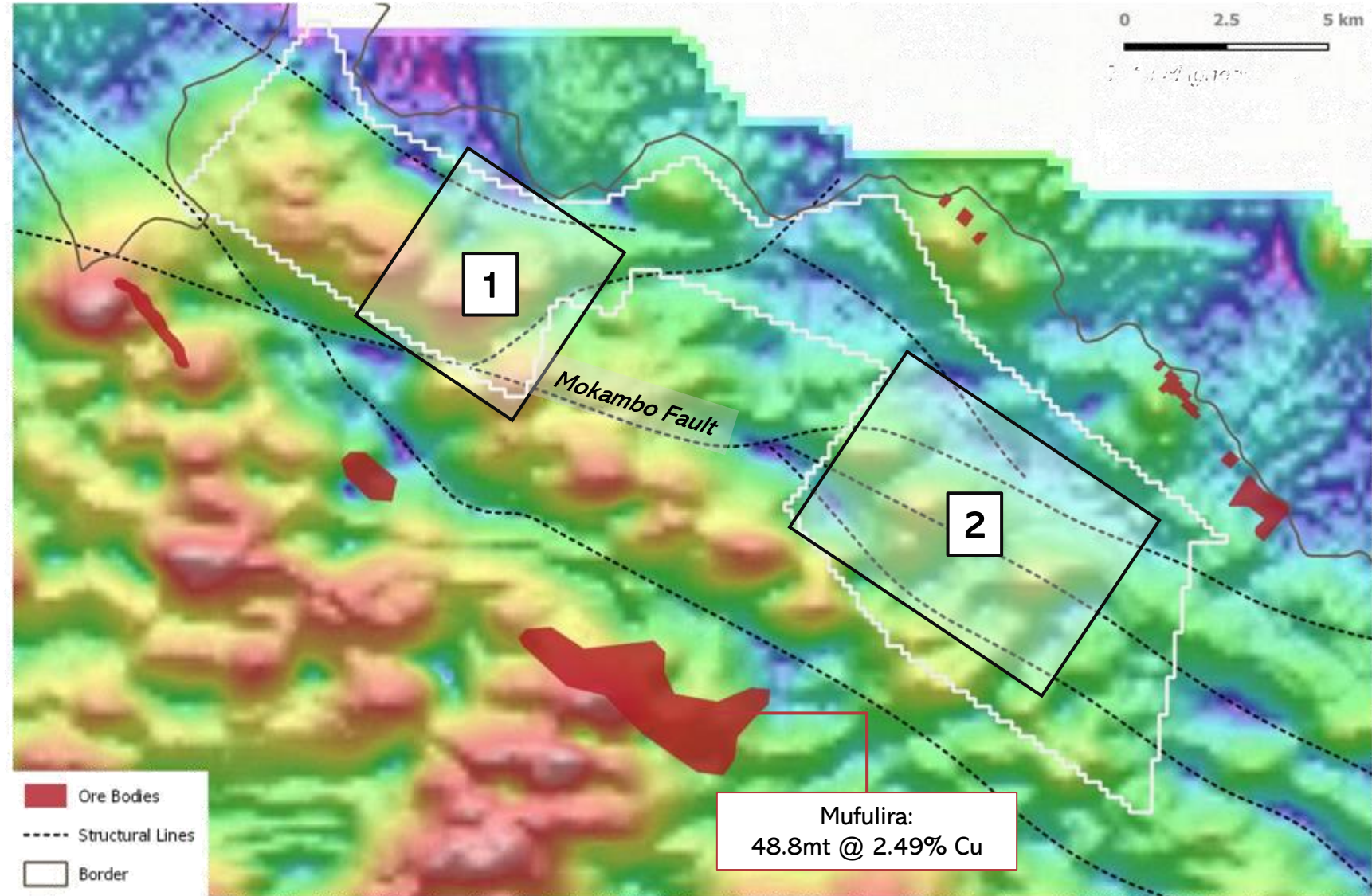
Zamare have identified 2 prospective targets in the licence that we plan to test with an initial soil sampling and mapping program, to be followed by drilling.

## Target 1:

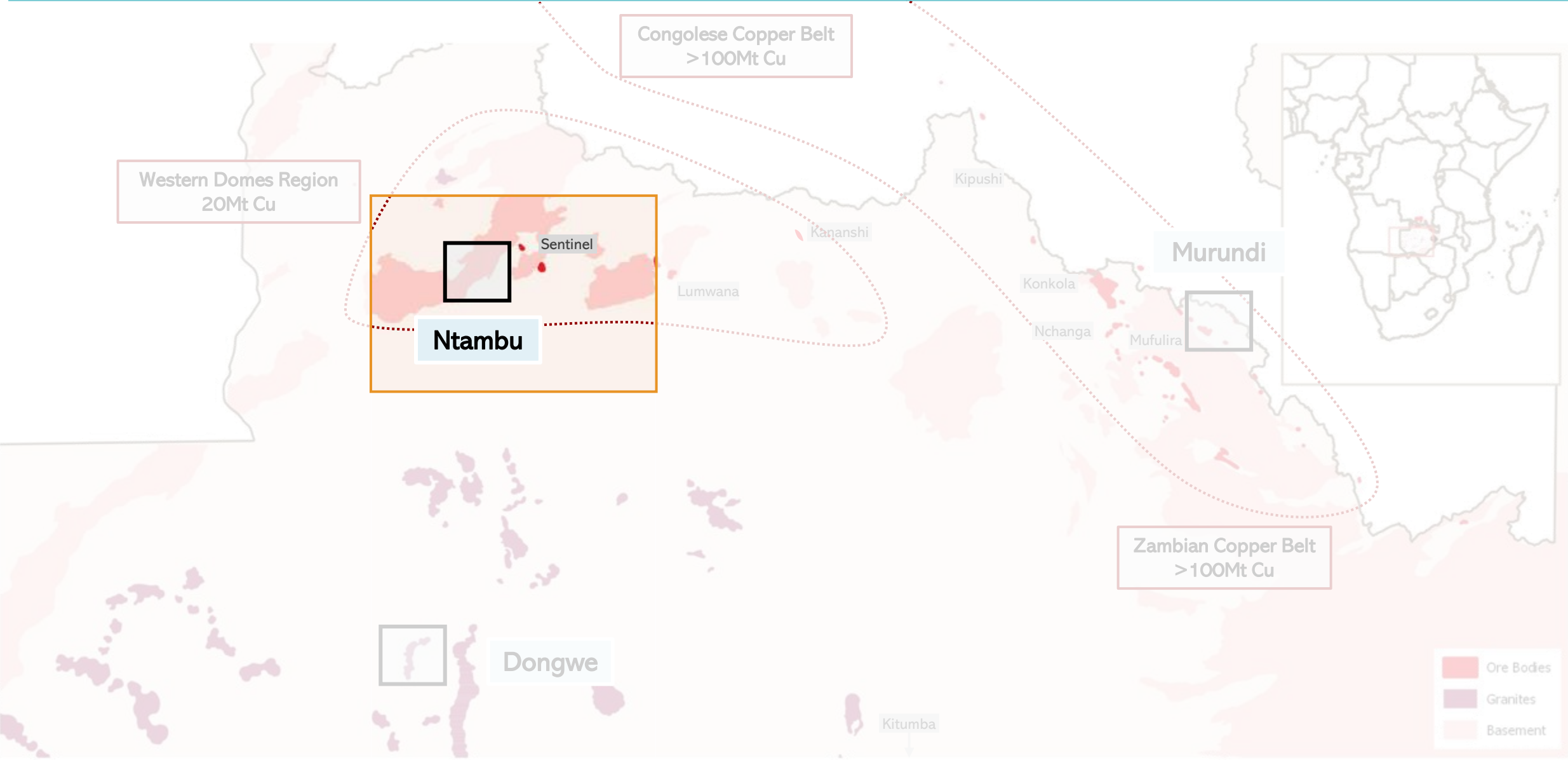
Intersecting structures close to lithological boundary with underlying magnetic highs.

## Target 2:

Historic evidence of mineralised outcrop along regional (Makambo) fault and potential redox boundary between Kundelungu and Nguba group lithologies.



# Ntambu –Kalahari Sand Cover the Opportunity

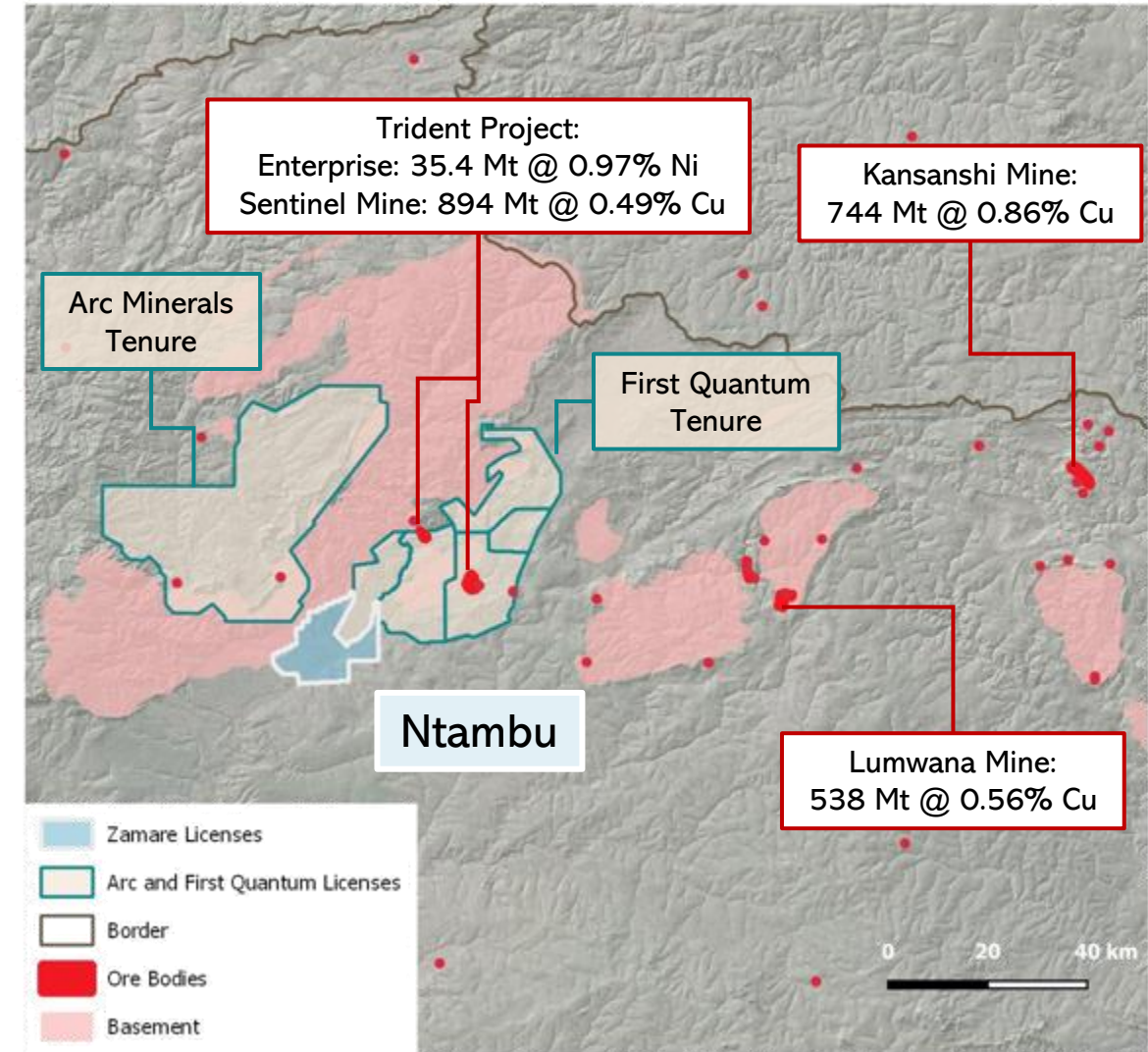




# Ntambu – New Elephant Country



- Ntambu (21561-HQ-LEL 205 km<sup>2</sup>) is located in the North-Western Province, a rapidly evolving exploration hotspot.
- Over the last thirteen years, three new major copper mines have been discovered and constructed to exploit the mineral resources in this new western part of the Zambian Copperbelt.
- Fits Zamare strategy of underexplored acreage next to large, discovered reserves.
- Located in the Domes region of the Zambian Copperbelt adjacent to the world-class First Quantum Minerals' Sentinel Mine and near to the Kansanshi copper mine and Barrick's Lumwana mine.
- Adjacent to Arc Minerals's Zamsort exploration licence which has reported some of the best intersections in the Zambian Copperbelt including: 18m grading 2.35% Cu including 7.6m grading 4.15% Cu and 45m grading 1.7% Cu and: 39m at 1.47% Cu
- In an area that represents one of the last dome-related areas in Zambia yet to be explored in any detail. These domes have been associated with several significant discoveries in the area.

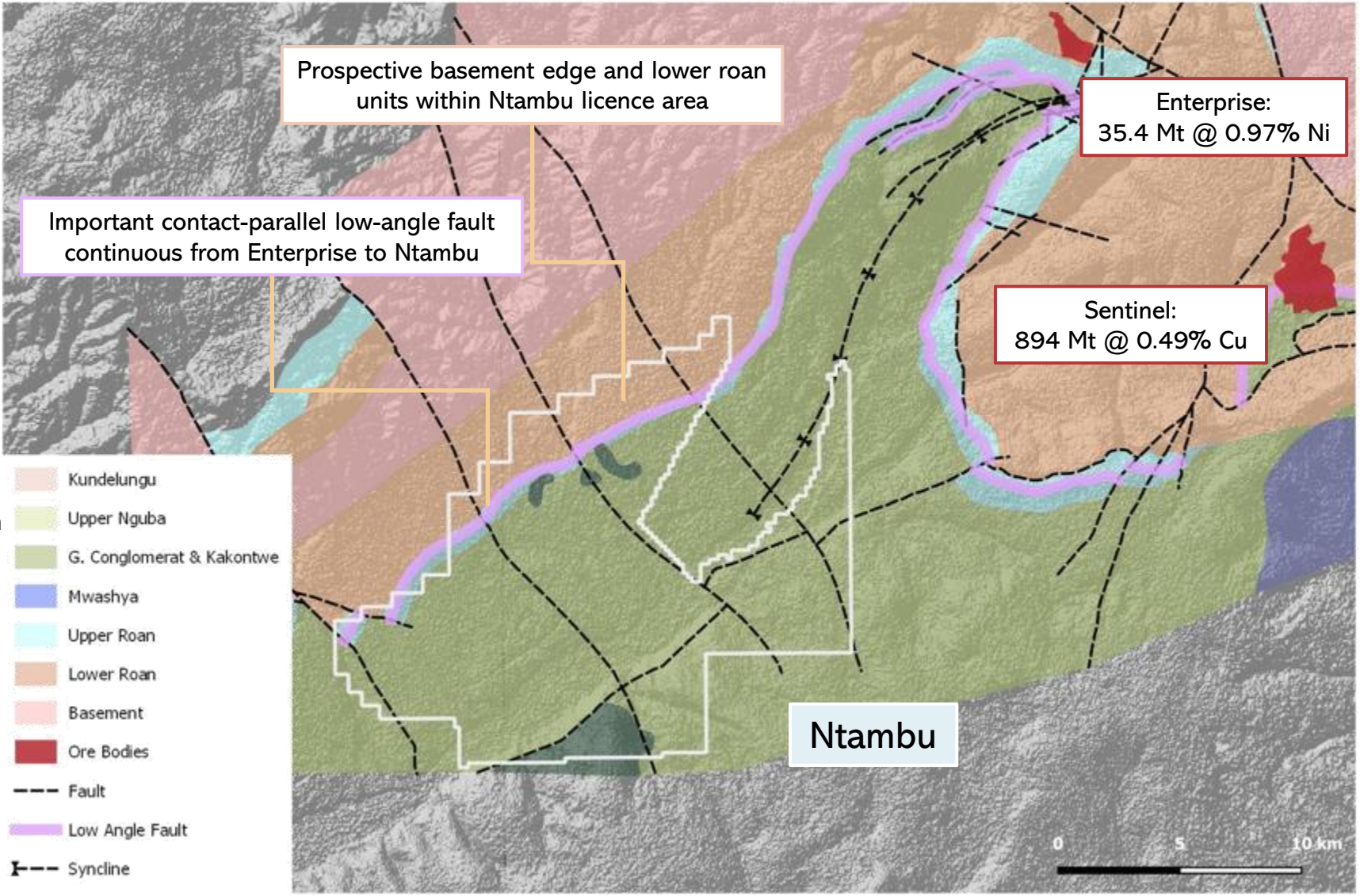
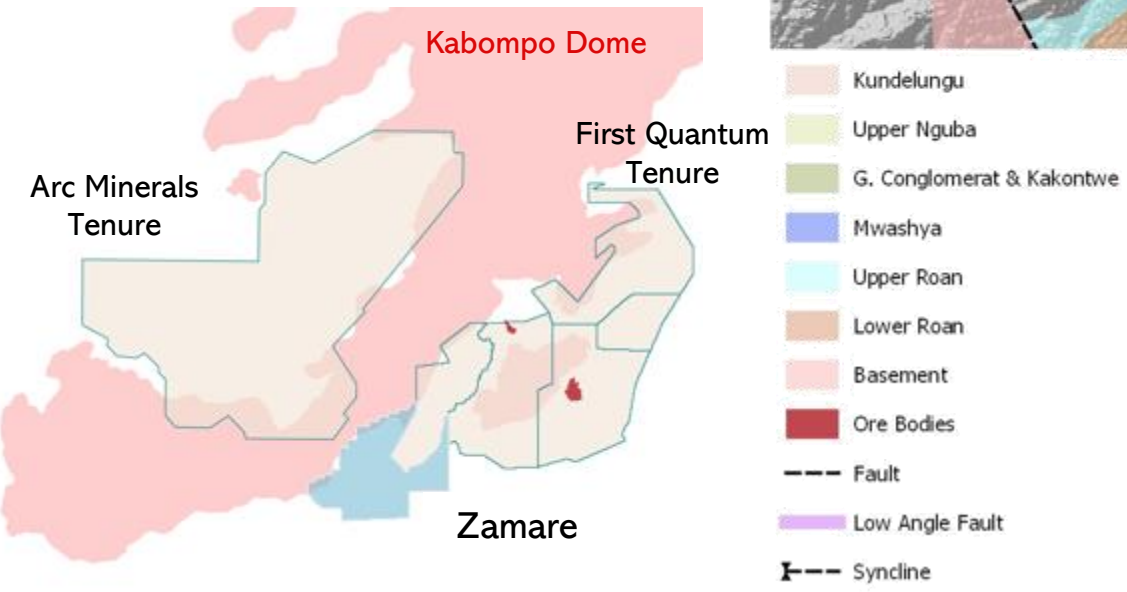


# Ntambu – Classy Neighbours



Ntambu has excellent geological similarities with First Quantum’s Trident Project:

- Along the same prospective basement edge
- Faults and structures are continuous from Enterprise to Ntambu including a mineralisation-controlling low-angle fault.
- Same Lower Roan Formation





# Ntambu –Kalahari Sand Cover the Opportunity

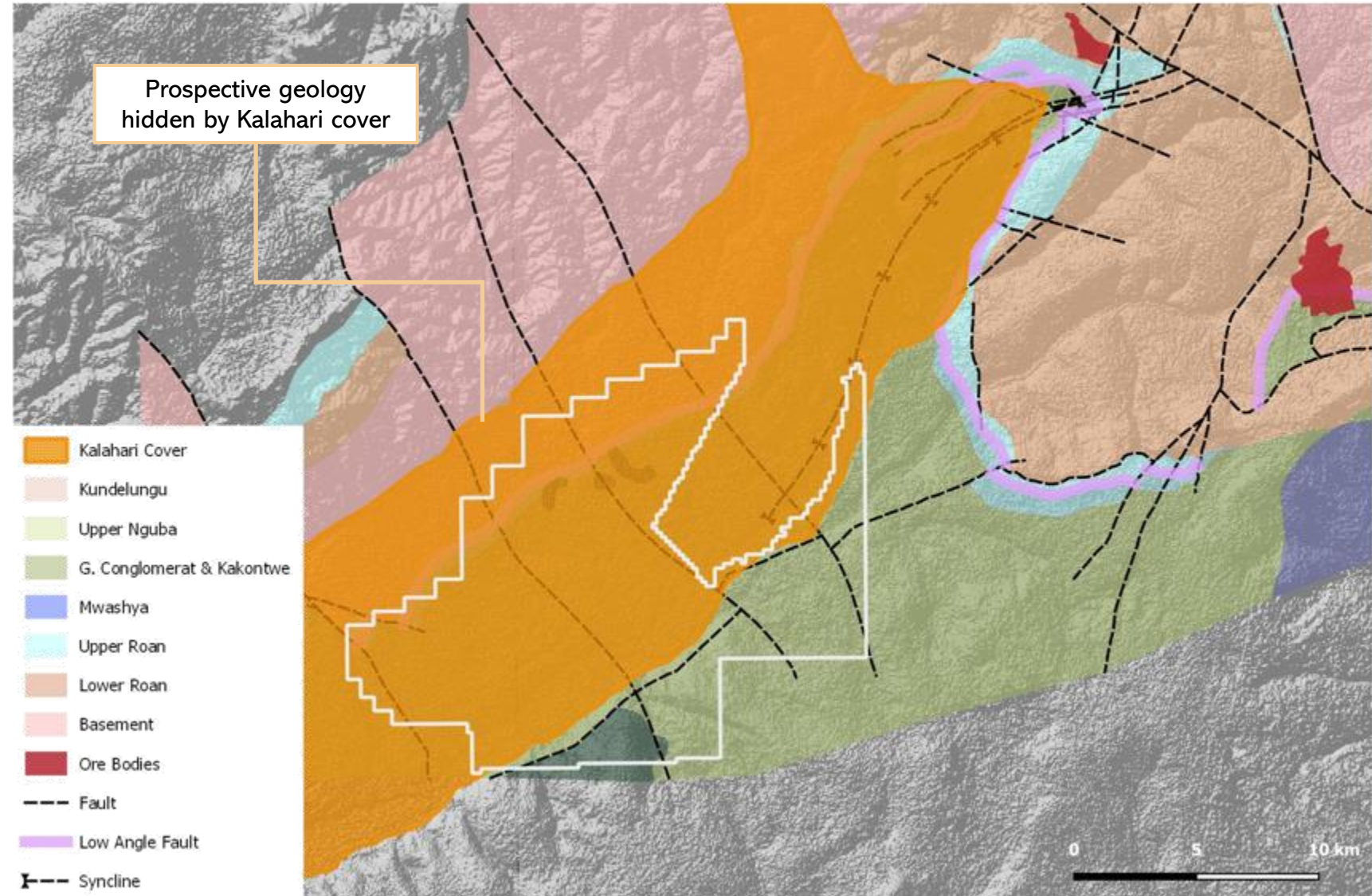


Highly prospective geology at Ntambu is hidden beneath Kalahari cover which has prevented exploration in the past.

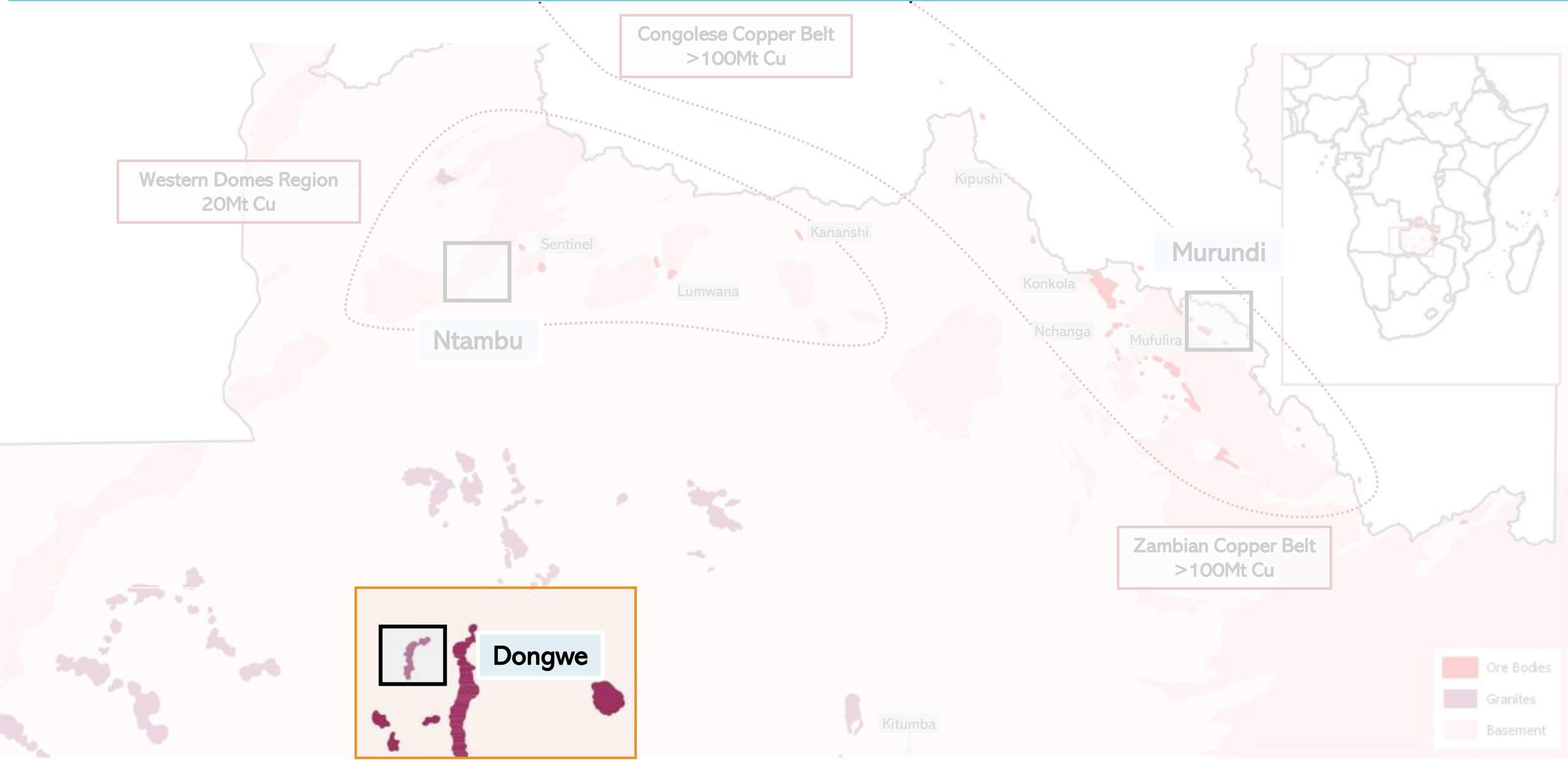
Zamare is confident that new geochemical methods (SGH) will be able to identify anomalies through cover. SGH has not been used in Zambia before.

LWIR ASTER satellite mapping for target identification using Sentinel and Enterprise as spectral footprints. LWIR has been successfully applied to imaging through cover in other regions.

Follow-up Airborne magnetics, or ground magnetics, to identify prospective lithologies (likely phyllite based on results from Trident project) associated with geochemical anomalies to define drill targets



# Dongwe – Artisanal Mines in Analogous Setting To Kitumba Discovery





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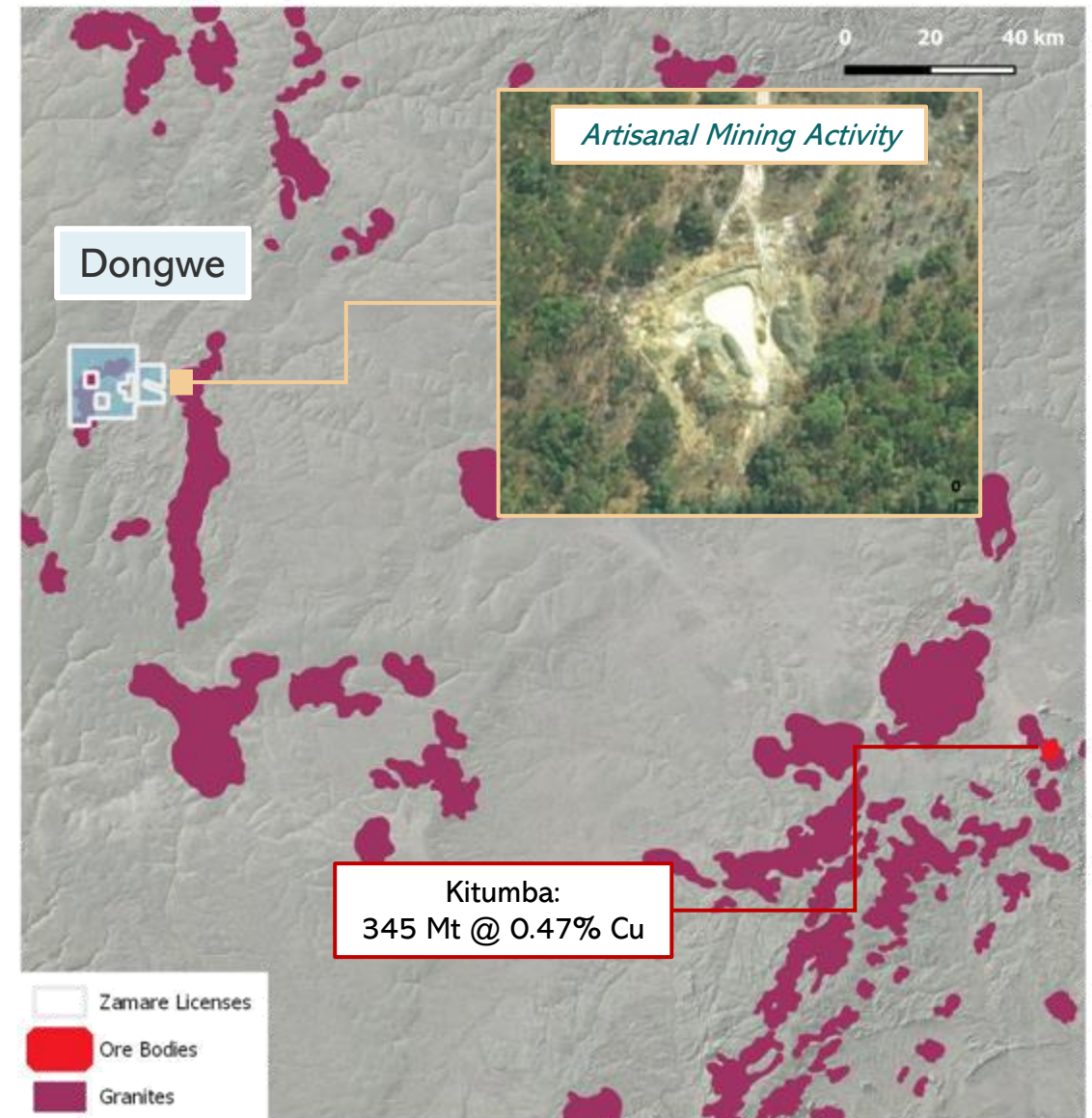
## Portfolio :

- Licence 25521-HQ-LEL (243 km<sup>2</sup>) – 100% owned by Zamare
- Licence 22562-HQ-LEL (51 km<sup>2</sup>) - currently being acquired

Geologically the region is much less explored than the traditional Copperbelt –but is ripe for discoveries. Intense exploration activity is reported on adjacent licences with similar geology

The area has several artisanal copper mines including a recently active open pit mine estimated to have had 1 million tonnes mined 5% Cu – one open pit.

Magnetic data shows nearby licence 22782 covers a mapped granite intrusion with no registered exploration to date. Zamare's 22562 is adjacent to a licence with active drill program and positive recent results.





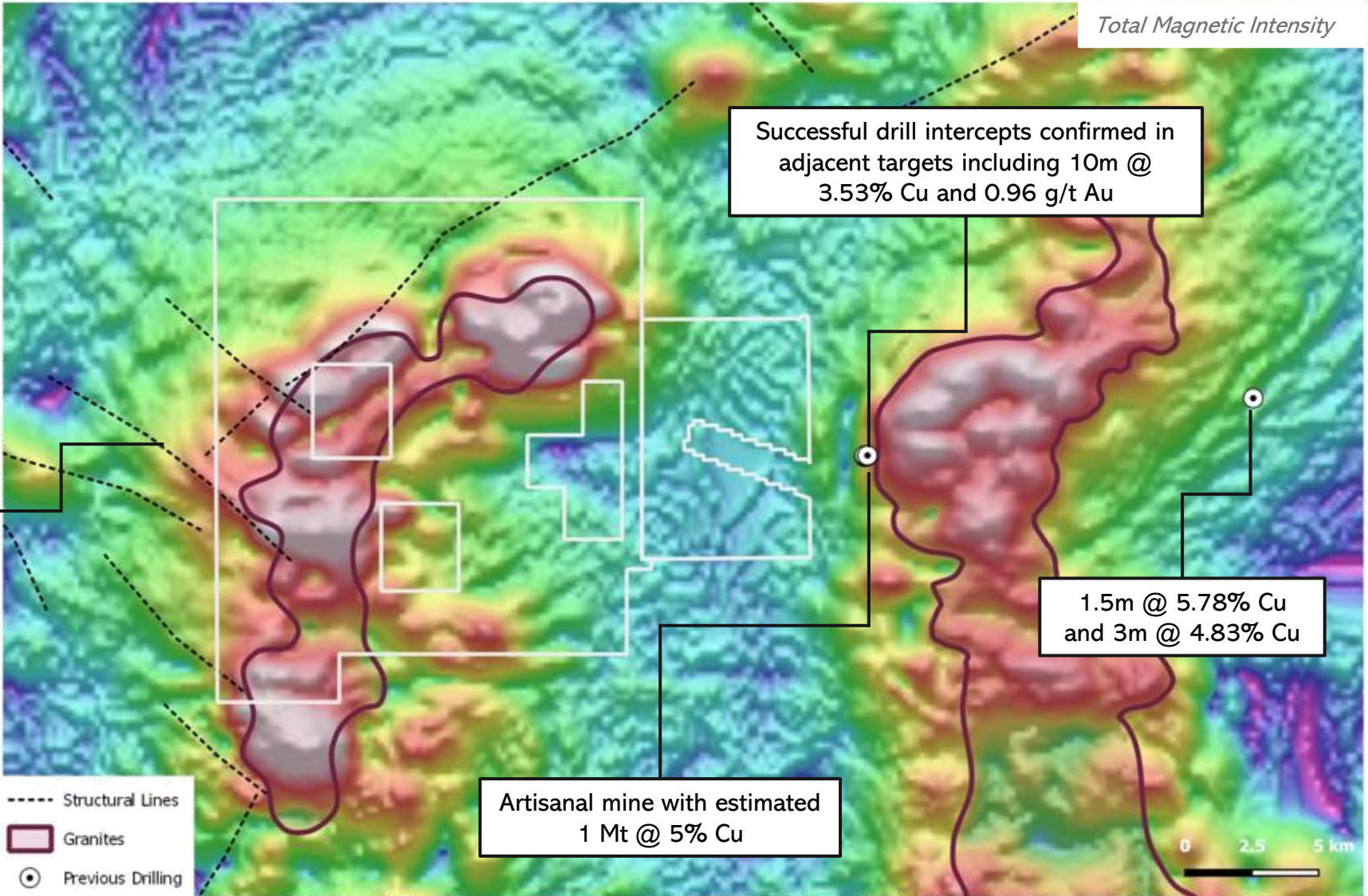
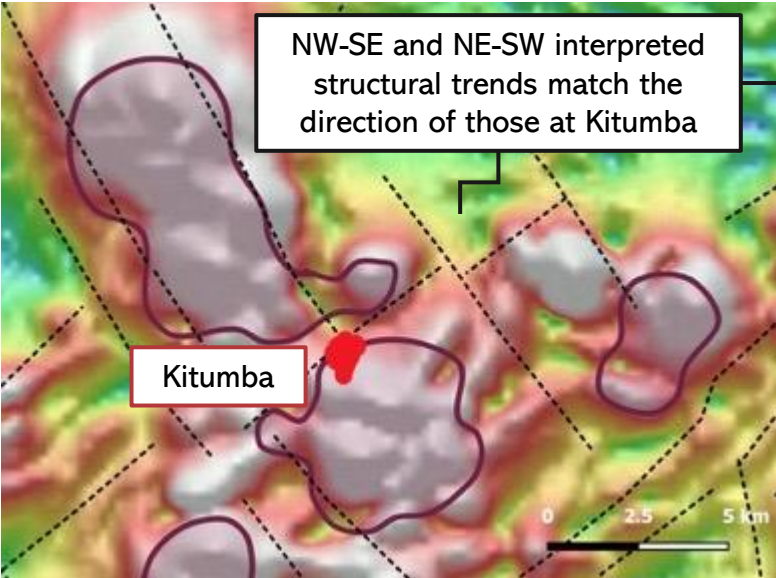
# Dongwe – Follow the Granites



Dongwe and Kitumba are in the under-explored Synclinorial and Katangan High Belts. Early explorers noted mineralisation in the region but only recently have new discoveries been made

Dongwe and Kitumba target Kundelungu sediments intruded by late granitic intrusions (pink on map) responsible for IOCG type mineralisation.

The direction of mineralisation-controlling structures is NW-SE in both targets.





# Dongwe – The Plan



## Geochemical Program (Stage 1):

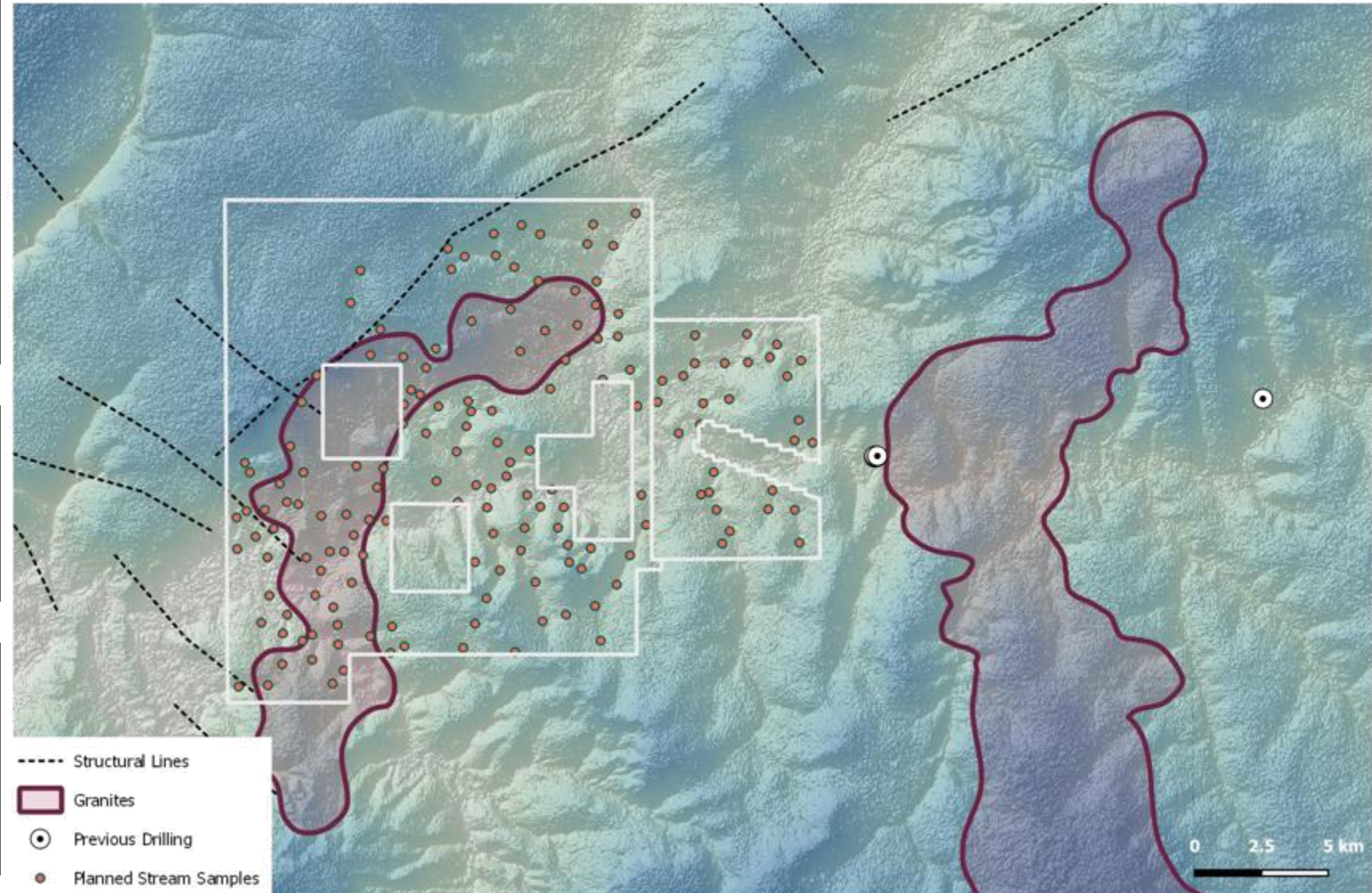
- 192 point stream sampling survey planned across target.
- Good drainage system means stream sediment sampling should be an effective, and efficient, first phase of exploration.
- Follow-up soil sampling, along an E-W orientated grid, in areas above river drainage.

## Remote Sensing (Stage 1):

- Initial geological interpretations to be assisted by ASTER satellite data analysis using spectral footprints of Kitumba and Mufumbwe

## Geophysics (Stage 2):

- Airborne geophysics (Aeromag and Radiometrics) for detailed mapping of granites and structures.
- Kitumba mineralization has a strong association with U



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- Will apply new geological models/techniques that have led to recent regional discoveries, including remote sensing given in house specialist expertise.
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- Financing currently planned to fund licence renewal and field exploration





Shareholder Split



Shares in issue	1,050,000
Price/share	\$1.25
Pre-money valuation	\$1,300,000