



**Pursuing the vast potential of Africa's  
underdeveloped gold resources**

**2024 Corporate Presentation**

[www.avantigoldcorp.com](http://www.avantigoldcorp.com) | CSE: AGC, Frankfurt: X37

# Investment Highlights

## ★ Existing high-grade resource

- Misisi property hosts a NI 43-101 compliant Inferred Mineral Resource of 41 million tonnes (Mt) at 2.37 grams per tonne (g/t) containing 3.1 million ounces (Moz) of Gold
- Gold mineralization remains open

## ★ Stable geopolitical jurisdiction

- Vast gold, copper and cobalt resources in an increasingly geopolitically stable jurisdiction with the recent change in government

## ★ Advanced-stage gold asset

- \$30 million has been spent on exploration to date
- Multiple drill ready exploration targets
- Fully-permitted 30-year exploration license until 2045, covering a 55 kilometre (km) long gold belt

## ★ Highly-experienced leadership team

- Avanti leadership team has extensive experience in mineral exploration and development with special affinity to mining in Africa

# World Class Leadership



**Chairman  
Sir Samuel Jonah**

- Served on the boards of various public and private companies including Ashanti Goldfields, Anglo Ashanti, Moto Gold Mines, Vodafone Group plc, the Global Advisory Council of the Bank of America
- Current Chairman of Helios Towers, a leading independent telecoms infrastructure company, focused on Africa and the Middle East
- Chancellor of the University of Cape Coast, Ghana



**CEO  
Ian MacLean**

- Over 25 years' experience in the mining industry –played key roles in the success of several mining ventures
- Co-founder of B2Gold Corp. and VP of Investor Relations (2007-2022). Member of executive team that built B2Gold from a private early-stage explorer (2007) into a world-class international senior gold producer with market cap of ~\$CDN4.5b
- Former VP of Investor Relations at Bema Gold Corporation. Contributed to the growth from a market cap of ~\$83m (2001) to ~\$3.0b when it merged with Kinross Gold Corporation in 2007.



**Director  
Jonathan Hill**

- Economic geologist with over 35 years' experience in exploration, project development and mining operations. Principal Advisor and Founder of Exploration Outcomes Ltd.
- Specialist support to Jaguar Mining Inc (TSX-JAG), Lavras Gold (TSX-V:LGC) and Sanatana Resources (TSX-V:STA). Non-executive director and chairman of Royal Road Minerals (TSX-V:RMR) and a non-executive director of Stratabound Minerals (TSX-V:SB)



**Senior Advisor  
Paul Matysek**

- Geologist/geochemist with over 40 years' experience in the mining industry
- Since 2004, as either CEO or Executive Chairman, Mr. Matysek has sold six publicly listed mineral exploration and development companies, in aggregate worth over \$2.5b incl. Gold X Mining Corp and Lithium X Energy Corp
- Former CEO of Potash One Inc. and Co-founder and former CEO of Energy Metals Corp



**Director  
Mata Botima**

- BHP Billiton's former Country President (DRC)
- Trained Metallurgical Engineer with +25 years experience in the natural resources industries and senior positions at Bateman Engineering, Mogale Alloys and Mintek, spanning from Business Development Executive, Production Manager and Senior R&D Engineer
- Currently an independent Consultant to Compagnie Minière de Tondo



**Senior Advisor  
Robert Cross**

- Over 30 years' experience as a founder, financier and advisor in the mining and oil & gas sectors
- Co-founder and former Chairman of both B2Gold Corp. and Standard Lithium Ltd. (since 2018)
- Former Chairman of Bankers Petroleum; oversaw production growth from 600bbl/d to 24,000bbl/d in a large onshore heavy oilfield in Albania



**Director & Consultant  
Dr. Colin Porter**

- Geologist with over 25 years' experience in exploration management and applied structural geology
- Former head of exploration of Mwana Africa where he managed all exploration activities at the Zani-Kodo gold project in NE DR Congo, from instigation to definition of 3Moz resource
- Structural Geologist for AngloGold Ashanti, and African Region with extensive experience in the Birimian craton of West Africa



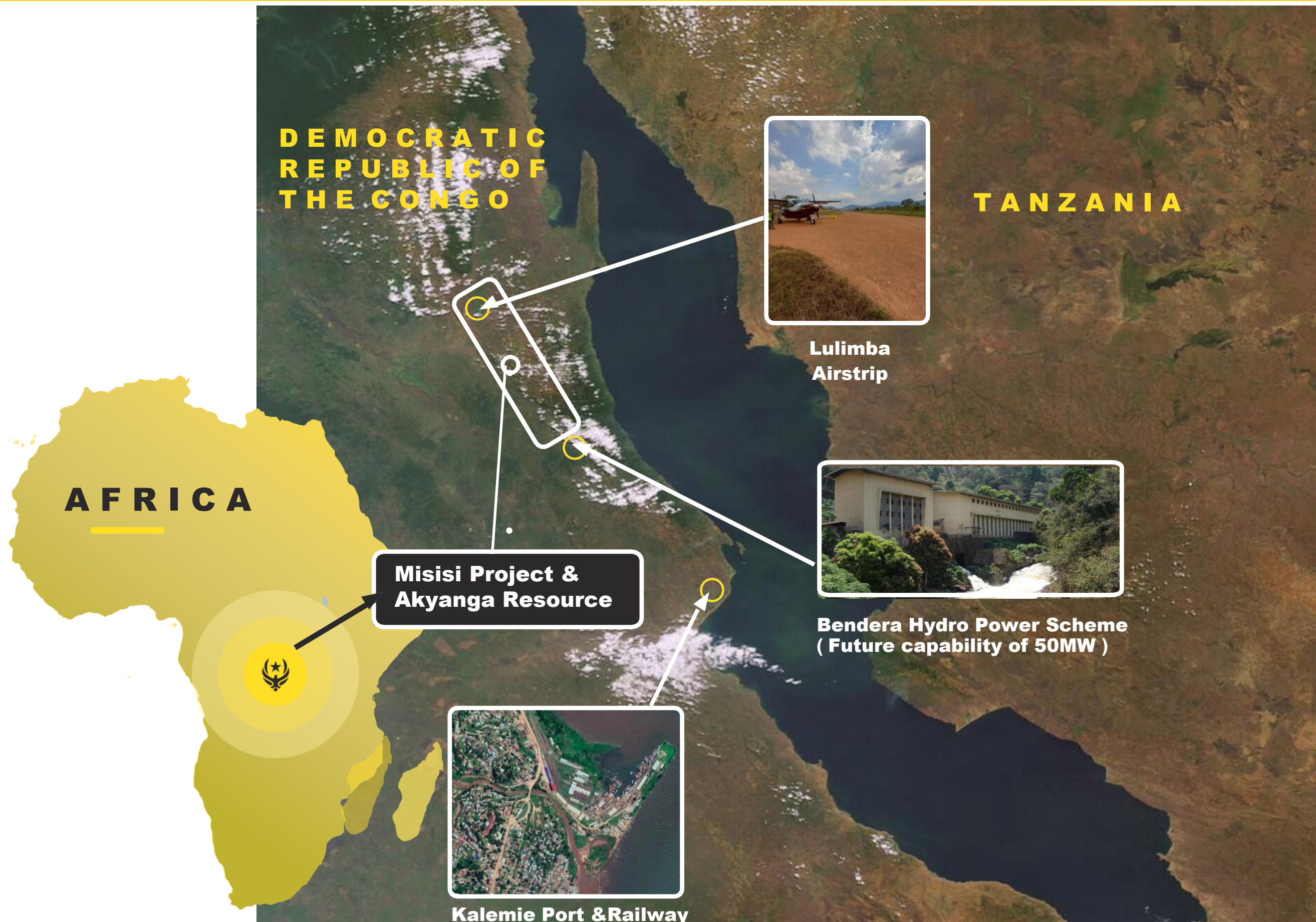
**Senior Advisor  
Martino de Ciccio**

- CEO of Montage Gold; 15 years' experience in the mining industry
- Former Deputy CFO and Head of Investor Relations at Endeavour Mining (TSX: EDV), one of the largest gold producers in the world (from a \$250m market cap to an FTSE100 company)
- Crucial in growing La Mancha Resources from a \$20m market cap into a \$500m take-private offer



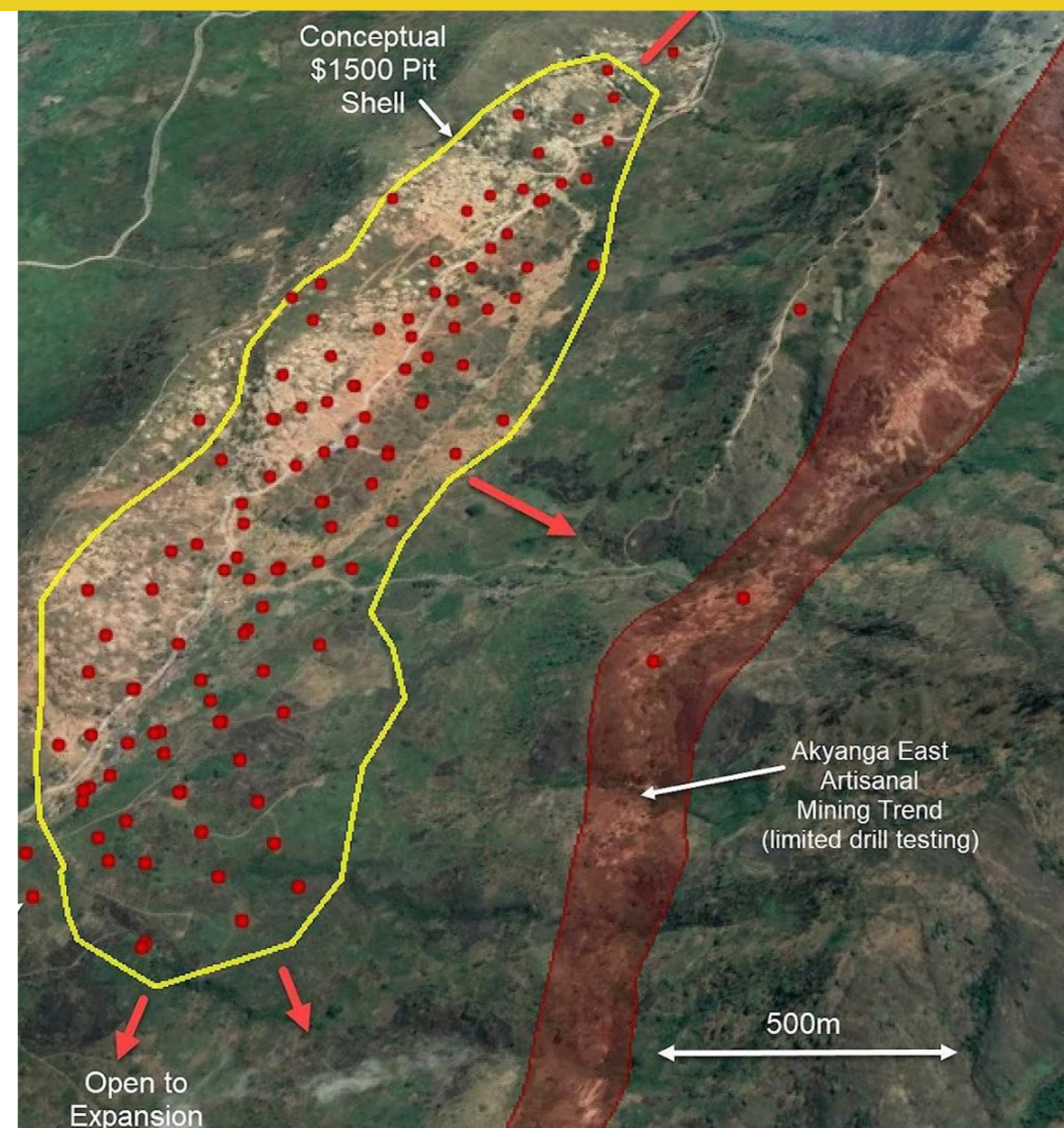
# MISISI Project Overview

- ★ Owned 73.5% by Avanti, 21.5% by China base MMG Ltd and 5% carried interest by the DRC Government
- ★ Located 250 km south of Bukavu, the provincial capital of South Kivu
- ★ Three contiguous mining licenses covering 133 km<sup>2</sup> of prospective exploration ground along the 55 km long Kibara Gold belt (expiring in 2045)
- ★ Hosts the Akyanga gold deposit with a 43-101 compliant Inferred Mineral Resource of 41 Mt at an average grade of 2.37 g/t containing 3.1 Moz
- ★ High grade gold mineralization traced over much of the length of the belt
- ★ Two significant gold mines located approximately 50 km north of the Akyanga deposit (Twangiza and Namoya)



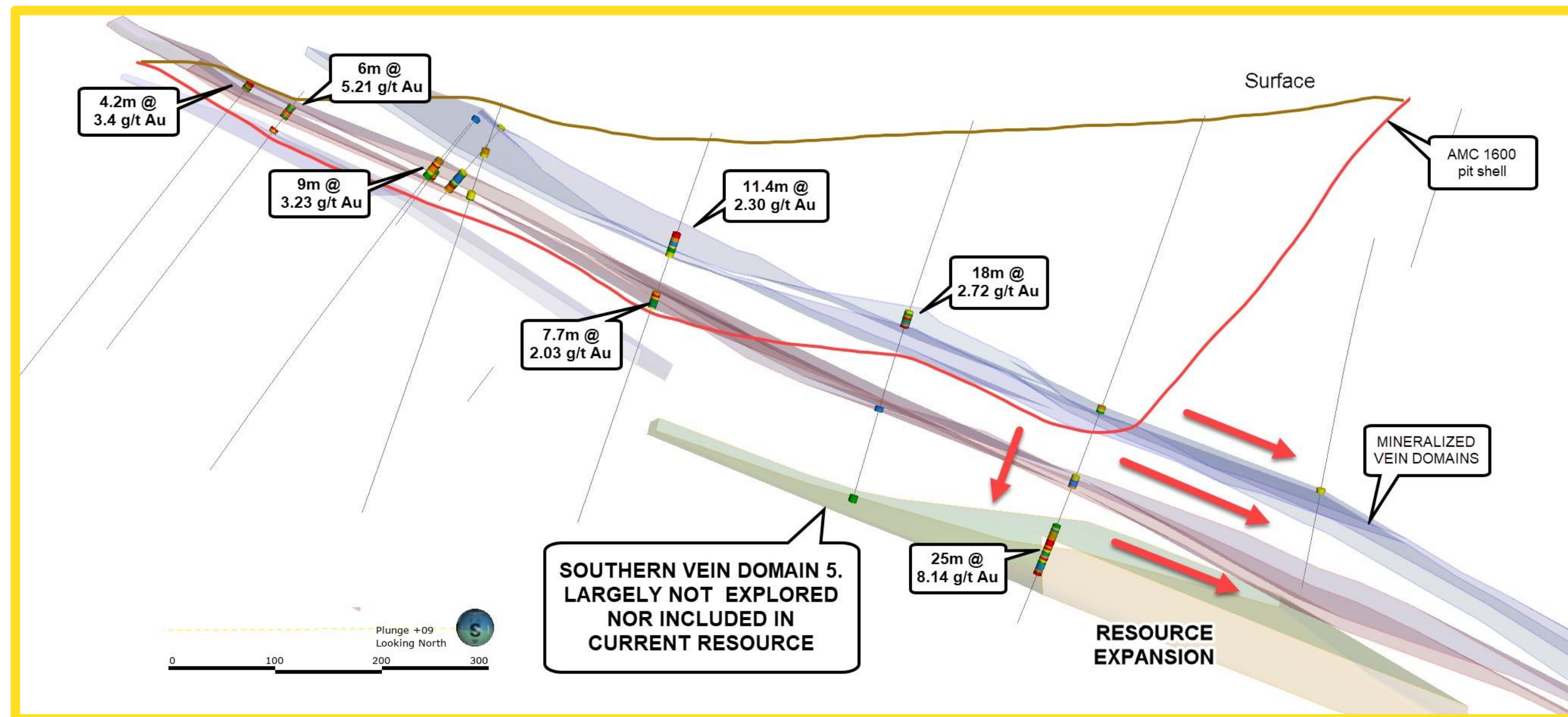
# Akyanga Deposit

- ★ Over \$30 million spent on exploration to date
- ★ 20,000 m diamond drilling over a strike length of 2.1 km
- ★ 500 m of trenching
- ★ 43-101 compliant Inferred Mineral Resource of 41 Mt at an average grade of 2.37 g/t containing 3.1 Moz of gold
- ★ Mineralization occurs as multiple, shallow dipping veins zones in a thrust sequence of Proterozoic metasediments, conglomerates and mafic intrusions
- ★ Mineralization remains open along strike to the north and south as well down dip and at depth
- ★ Additional 10 diamond drill holes drilled by previous owner totaling 2,100 m have not been assayed
- ★ Potential to convert a portion of the 3.1 Moz from inferred to indicated
- ★ Diamond drill program planned for the second half of 2024 (see slide 9)



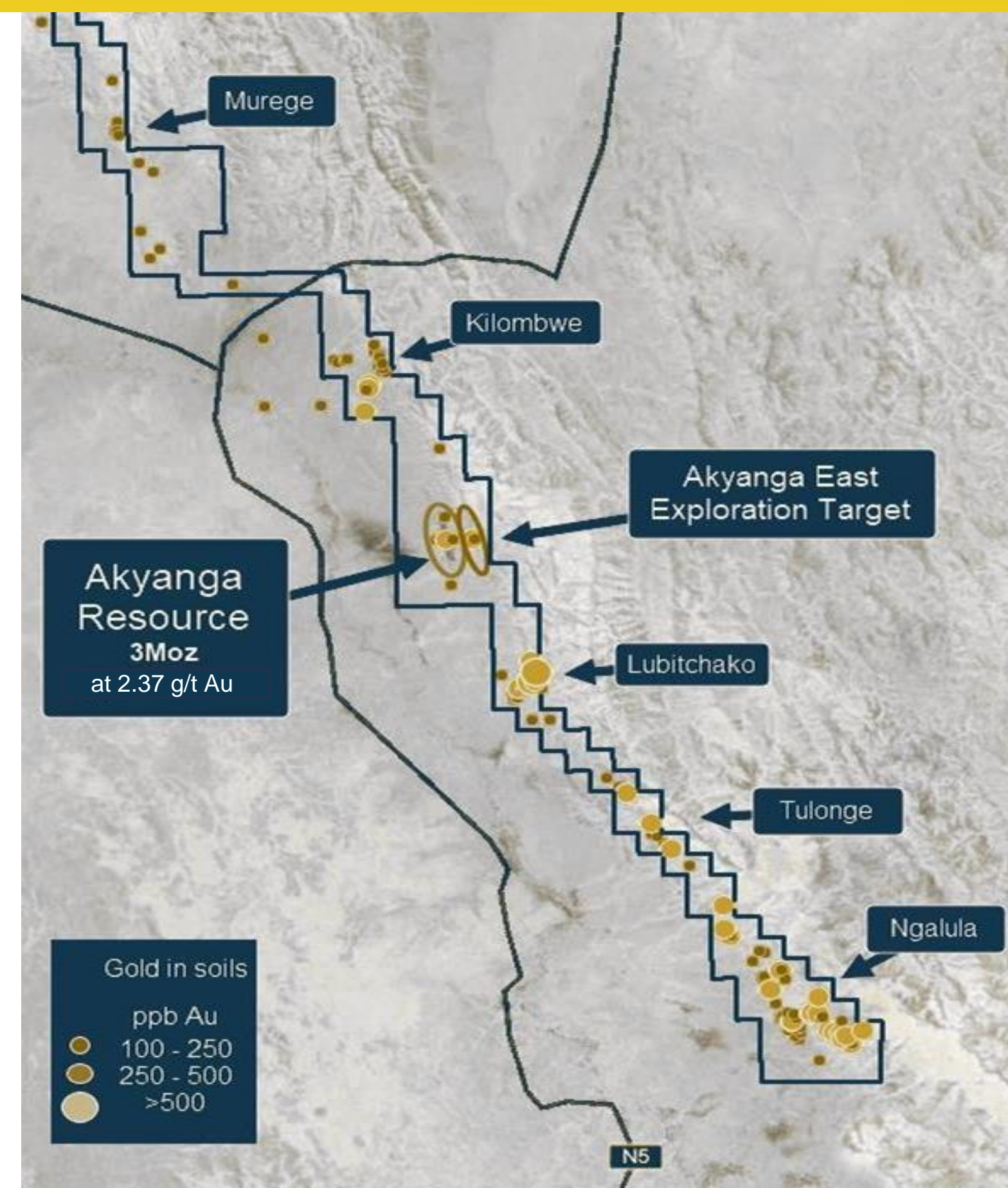
# Akyanga Southern Extension

## SOUTH EXTENSION / NEW STACKED VEINS / UNDERGROUND POTENTIAL



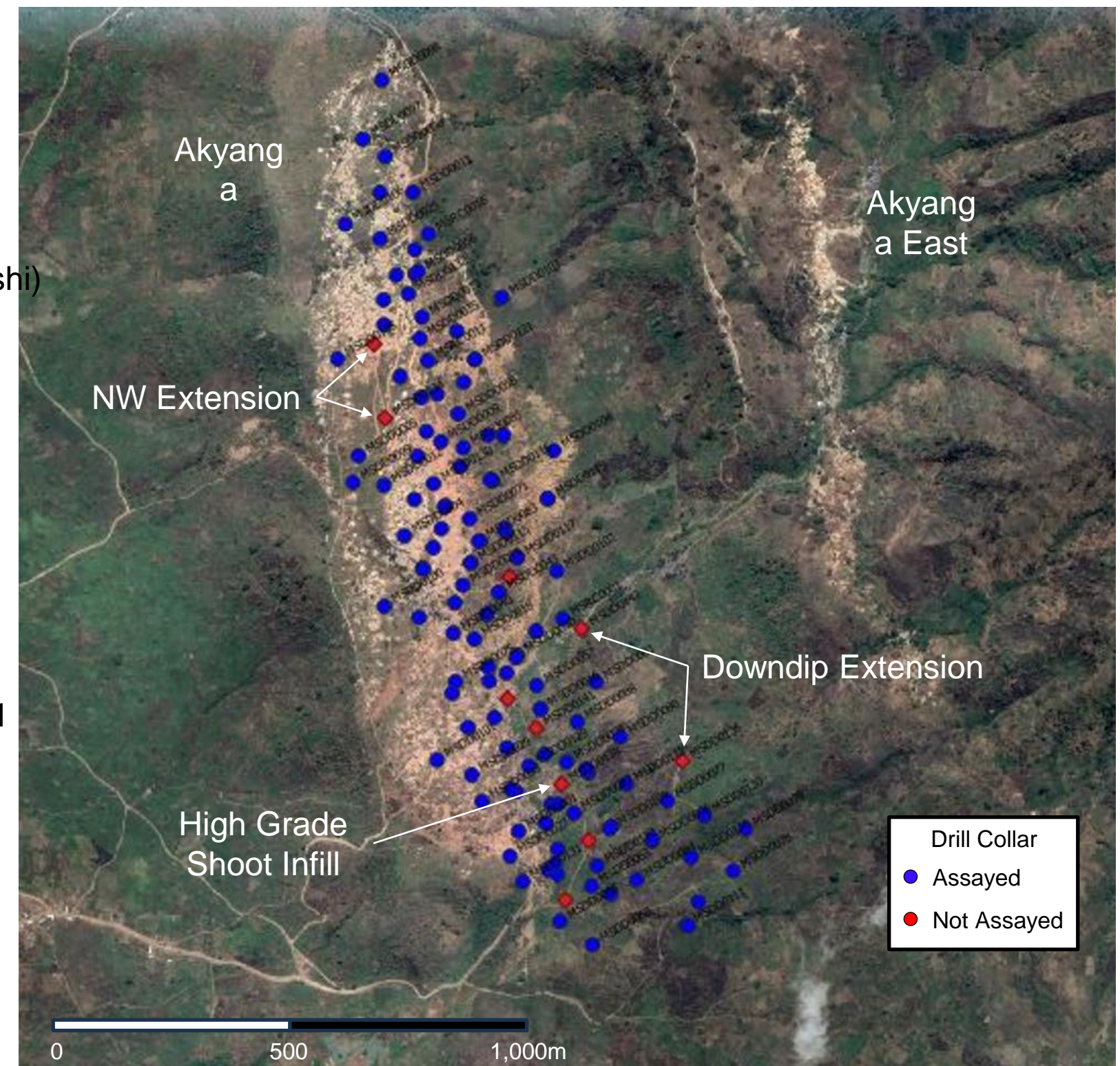
# Regional Exploration

- ★ **Multiple exploration targets beyond Akyagna (see appendix)**  
Sixteen significant gold soil anomalies along 55 km of prospective strike length. Several drill ready targets identified through soil sampling, extensive geochemistry, trenching and drilling
- ★ **Akyanga East**  
Parallel structure located 500 m east of the Akyanga deposit. 10 diamond drill holes previously drilled totaling approximately 1,200 m including high grade intercepts of 7.9 m at 5.3 g/t gold and 5.0 m at 8.5 g/t gold
- ★ **Lubitchako**  
Located 5 km south of Akyanga. Three zones of artisanal workings within the main zone of 1.4 km. Parallel quartz vein zone up to 60 m wide. Shallow drilling returned 4.6 m at 6.08 g/t gold
- ★ **Tulonge**  
Over 7 km trend of quartz veins and artisanal workings. Shallow drilling returned values of 6.2 m at 5.2 g/t Au, 5.9 m at 7.15 g/t gold, and 4.0 m at 5.04 g/t gold
- ★ **Ngalula**  
Parallel zones of high-grade gold soil samples across 8 km strike. Main zone over 600 m wide by 3.5 km long. Limited trenching returned values of 6 m at 5.18 g/t gold and 6 m at 2.13 g/t gold



# 2024 Exploration Program

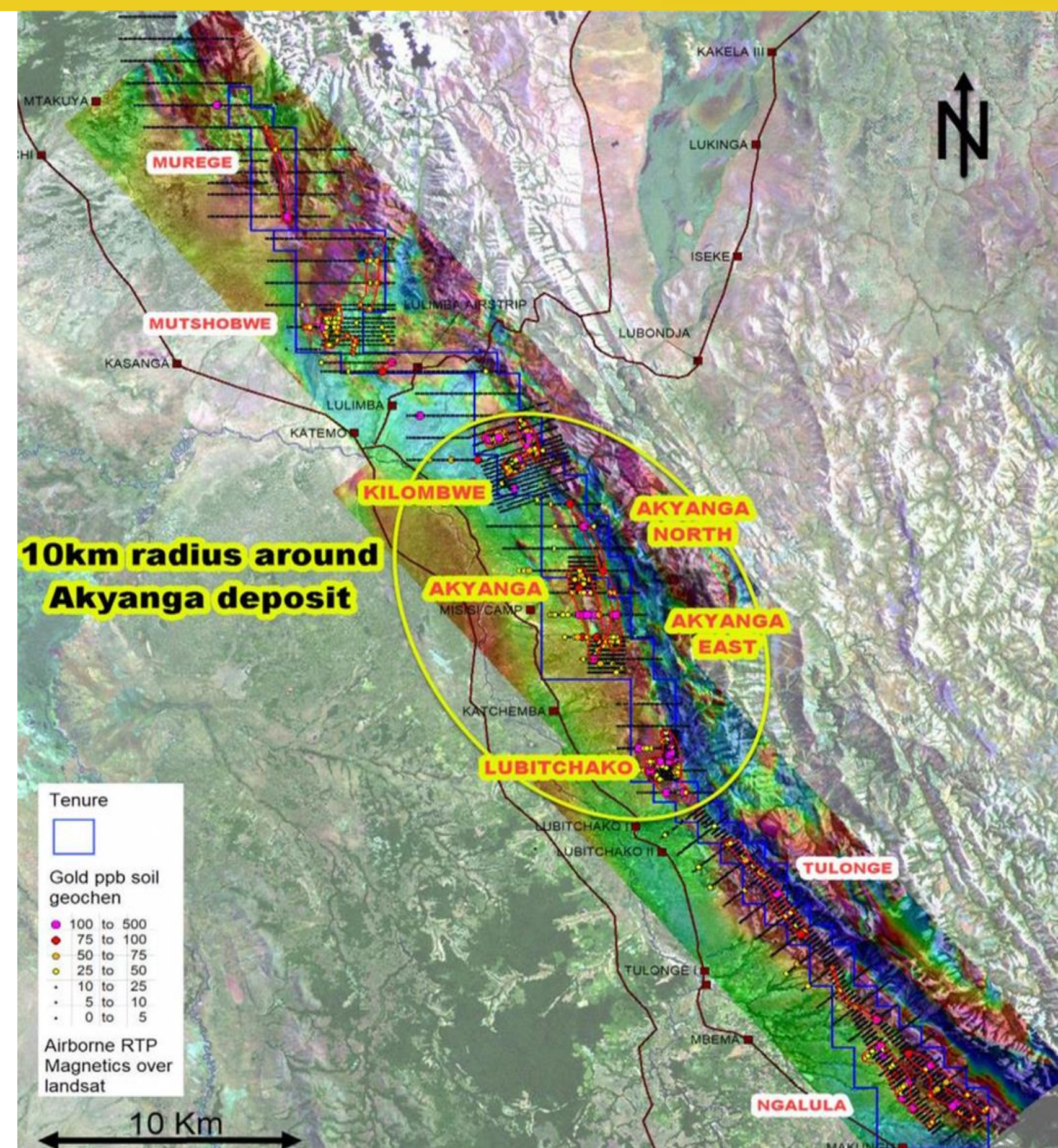
- ★ 2,100 m of diamond drilling targeted the northwest and high-grade southern sections of the Akyanga mineralized zone
- ★ Infill samples are being processed to potentially convert a portion of the Inferred Mineral Resource into the Indicated category
- ★ Samples are stored in two facilities: one in Bukavu (1,392 km from Lubumbashi) and the Misisi exploration camp (340 km SW of Bukavu)
- ★ Avanti team is currently in Bukavu, preparing 499 samples for air shipment to the ALS prep lab in Lubumbashi
- ★ The team will then travel to Misisi to oversee the transport of approximately 1,545 samples to the ALS lab by mid October.
- ★ Both sets of samples will be sent to the ALS assay lab in Johannesburg
- ★ Strict QA/QC protocols will be applied to all samples to comply with NI 43-101 standards
- ★ Assay results will be announced in stages as they become available



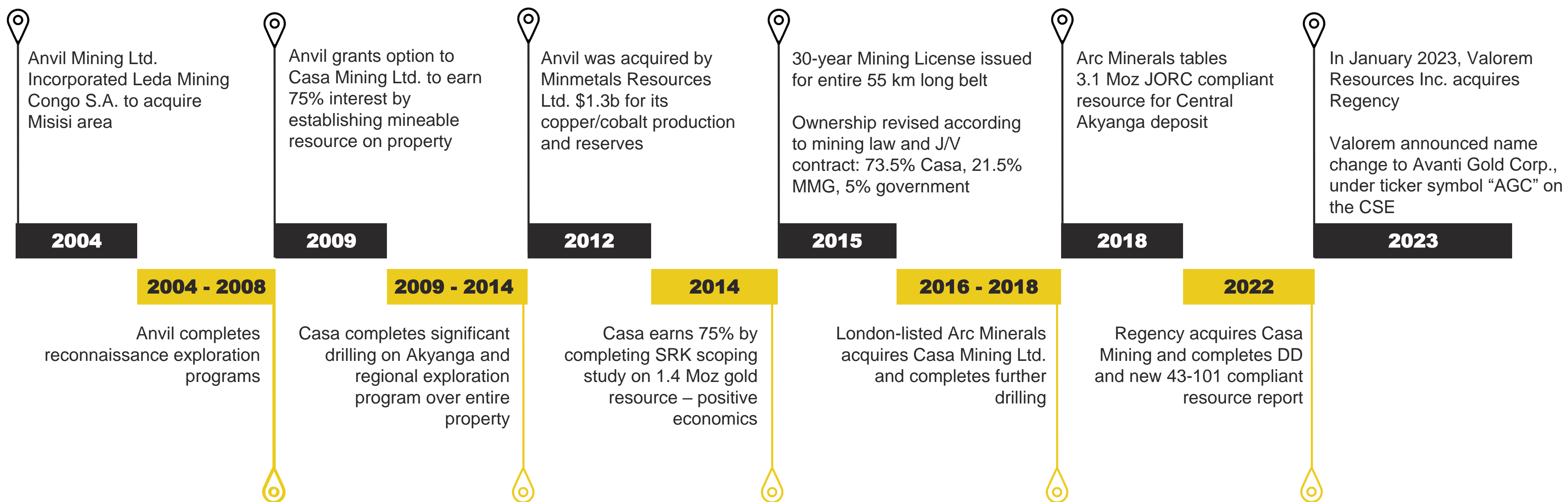


# 2024/2025 Exploration Program

- ★ Assay 2,100 m from 10 diamond drill holes previously drilled on the Akyanga deposit-**program has commenced**
- ★ Total of **5,000 m** of diamond drilling planned on the Misisi Property – subject to financing -**2025**
- ★ **2,400 m** to drill test southern extensions of the Akyanga deposit with the potential to increase the existing the inferred resource
- ★ Mineralization is open along strike to the north and south as well as down dip and at depth
- ★ **1,400 m** of diamond drilling at Akyanga East located 500 m east of the main Akyanga deposit
- ★ Exploration of regional targets **1,200 m** drilling after ranking and prioritization of advanced targets
- ★ Approximate budget \$2.5 million

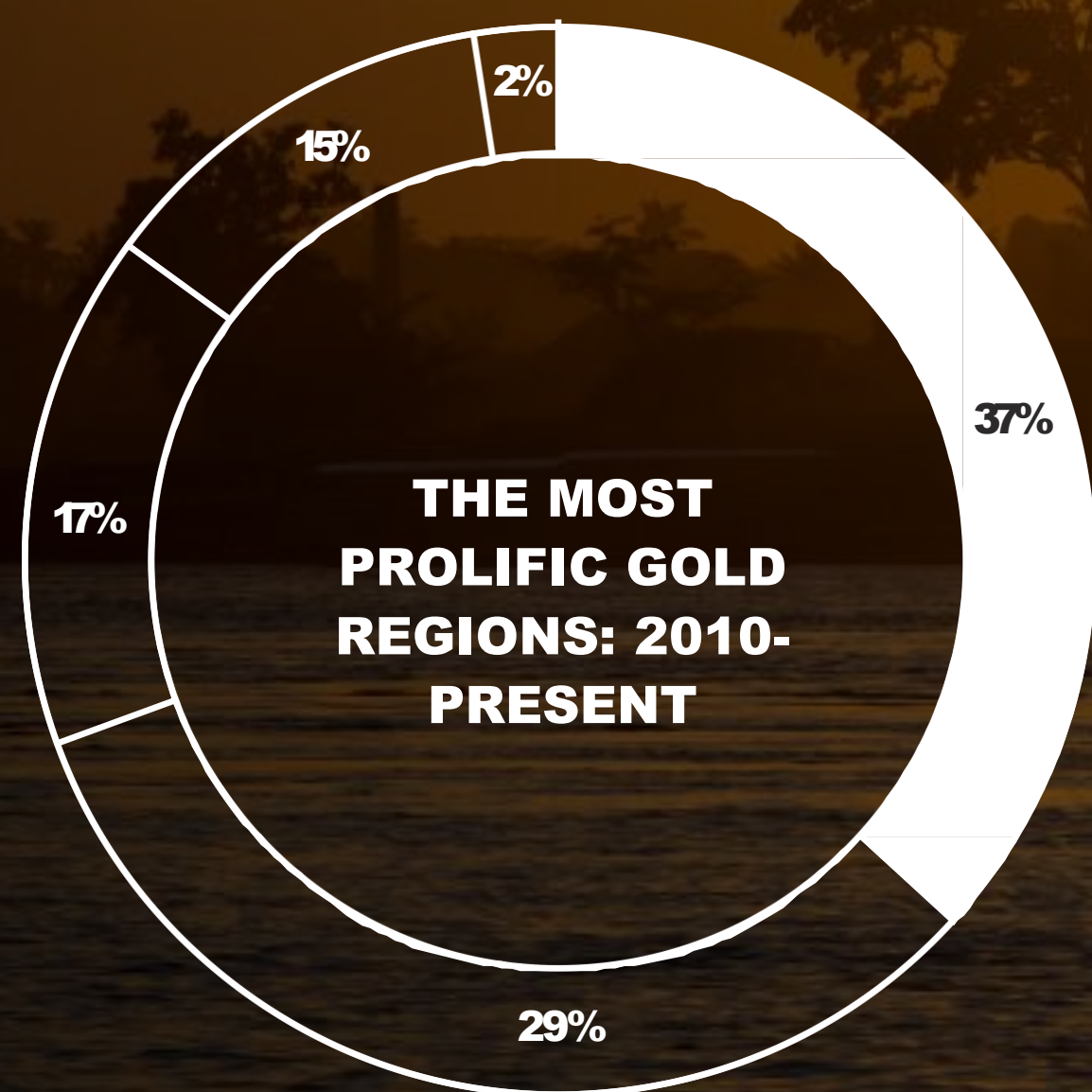


# Project Timeline



# Significance of Emerging African Gold

The mineral wealth of Africa is unmatched worldwide yet highly underexplored. High grades, large deposits are a signature of this eastern district of DRC.



**37%** Africa:  
57.0 Moz

**29%** Latin America:  
45.3 Moz

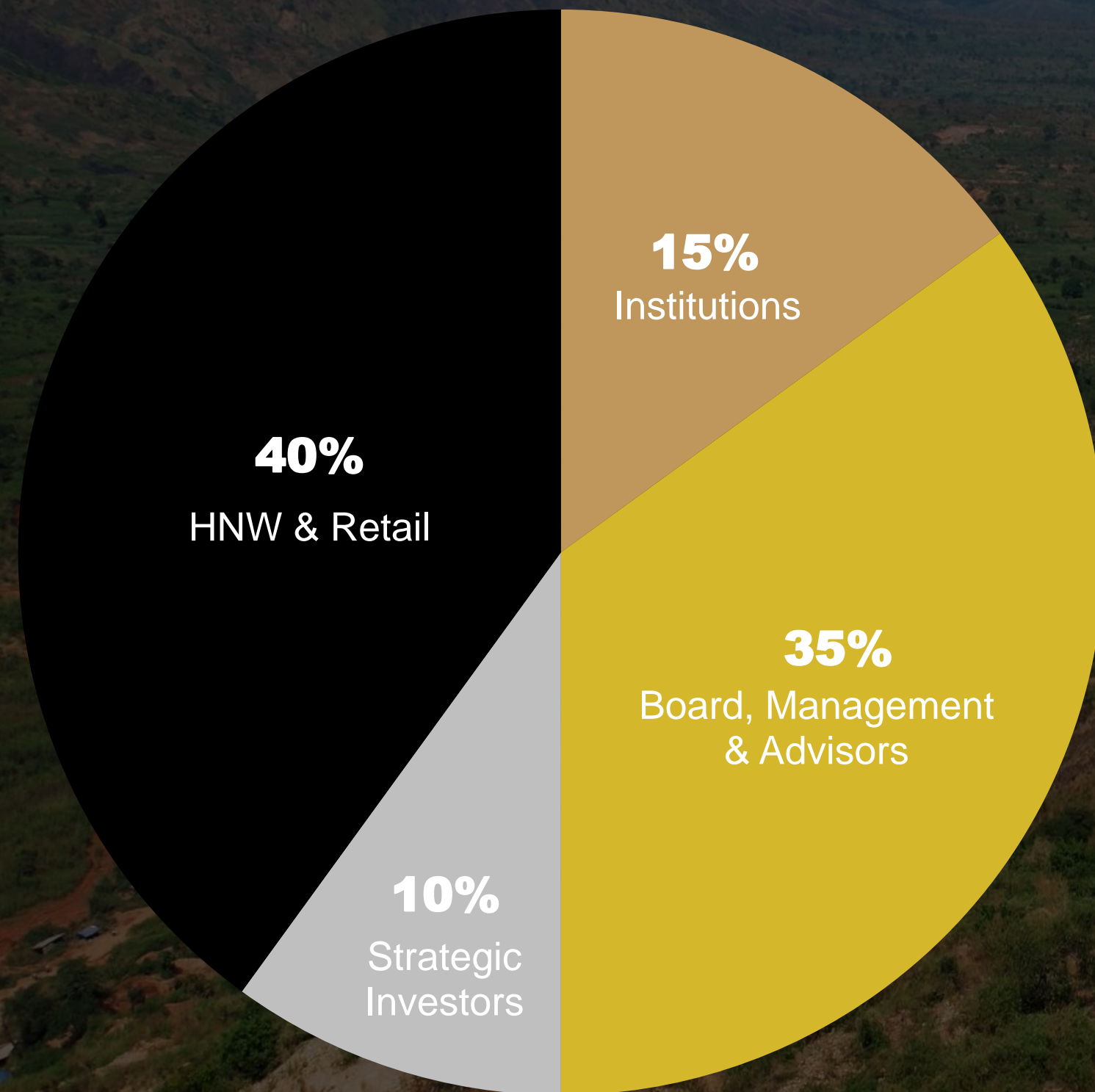
**17%** Canada/USA:  
57.0 Moz

**15%** Asia-Pacific:  
57.0 Moz

**2%** Europe:  
57.0 Moz

Company	Project	Country	Contained Reserves (oz)
Gold Fields	South Deep	S. Africa	32,817,000
Harmony Gold	Mponeng	S. Africa	11,110,000
Newmont	Ahafo	Ghana	9,640,000
Barrick Gold	Kibali	DRC	9,470,000
Barrick Gold	Loulo	Mali	7,990,000
AngloGold	Obuasi	Ghana	7,115,300
Kinross Gold	Tasiast	Mauritania	6,783,000
Gold Fields	Tarkwa	Ghana	5,894,000
Harmony Gold	Free State	S. Africa	5,142,000

# Ownership & Capital Structure



<b>SHARES OUTSTANDING</b>	<b>79.78</b>
<b>WARRANTS</b>	<b>4.1</b>
<b>OPTIONS</b>	<b>6.01m</b>
<b>RSUs</b>	<b>8.79m</b>
<b>FULLY DILUTED SHARES</b>	<b>98.68m</b>



# Appendix

# Logistics

## ★ Site Accessibility

- Accessible by an airstrip 12 km to the north
- Road access from Baraka port 90 km away

## ★ Team

- Experienced local logistics team
- Excellent local exploration geologists

## ★ Upgrades and Improvements

- Upgrade/combine existing exploration and drill camps
- Upgrade vehicles
- Upgrade fuel storage and management system
- Construct onsite prep lab
- Upgrade security



# DRC's Untapped Potential

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The Democratic Republic of the Congo represents the final frontier for the discovery of world-class mineral properties, estimated to have over US \$24 trillion in untapped mineral deposits making it one of the most mineral-rich countries in the world.



## **Barrick's Kibali mine, one of the world's largest gold mines:**

Kibali “one of Barrick’s elite corps of Tier One mines... is a global leader in automation and continues to improve efficiency and productivity through ongoing technological innovation.”

- *Mark Bristow, Barrick Gold CEO*

## **Ivanhoe has Commissioned world's 2<sup>nd</sup> largest copper mine:**

“The copper grade at Kakula is ultra-high at 6.6% over the first 5 years of production, a grade that is an order of magnitude higher than the majority of the world’s other major copper mines”

- *Robert Friedland, Ivanhoe Chair & Founder*

## **First Democratic Transition of Power in 60 Years:**

For the first time since independence in 1960, there was a peaceful transfer of political power. In January 2019, the DRC voted in Felix Tshisekedi as President and current chair of the African Union. This sets the stage for the huge potential of the Congo to finally be realized.

# DRC

## An Emerging Mining Jurisdiction

- ★ Copper and Cobalt JVs with Chinese construction companies bring billions of infrastructure investments to the DRC
- ★ US signs MOU with Angola, the Democratic Republic of Congo, Zambia and the European Commission to kickstart Lobito rail line for critical minerals transportation
- ★ Lobito Atlantic rail corridor recently started operation cutting shipping time to port by more than 1/3 (Lobito port by rail instead of Durban, South Africa by road)
- ★ **Ivanhoe Mines ships first copper concentrate by rail to Angola:** "Our first trial shipment is an important milestone on creating a new supply chain linking the Central African Copperbelt to world markets. Establishing a reliable, modern rail link to the port of Lobito in Angola will have transformational benefits for the people of the DRC, Angola, and Zambia," Robert Friedland.

Sources:  
1. <https://www.africanews.com/2023/07/18/drc-uae-signs-19-billion-deal-with-state-owned-mining-company/>  
2. [https://www.bloomberg.com/news/newsletters/2023-11-01/supply-chain-latest-us-lobito-corridor-project-in-africa?utm\\_source=website&utm\\_medium=share&utm\\_campaign=email](https://www.bloomberg.com/news/newsletters/2023-11-01/supply-chain-latest-us-lobito-corridor-project-in-africa?utm_source=website&utm_medium=share&utm_campaign=email)  
3. <https://www.reuters.com/markets/commodities/chinese-invest-up-7-blm-congo-mining-infrastructure-statement-2024-01-27/>  
4. <https://www.globalminingreview.com/mining/04012024/ivanhoe-mines-ships-first-copper-concentrate-by-rail-to-angola/amp/>

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### DRC: UAE signs \$1.9 billion deal with state-owned mining company

The United Arab Emirates have signed a \$1.9 billion deal with a state-owned mining company in the Democratic Republic of Congo, the Congolese president said on Monday.

### The US and EU Plan \$1 Billion-Plus Africa Rail Link for Key Minerals

By [Matthew Hill](#)  
November 1, 2023 at 8:00 AM EDT

The US is racing to help develop a new rail line linking a key source of critical minerals in central Africa with a port on the continent's Atlantic coast, aiming to establish a trade route for materials used to produce electric vehicles

Bloomberg

Commodities

### Chinese companies to invest up to \$7 billion in Congo mining infrastructure

Reuters

January 27, 2024 12:04 PM EST · Updated 13 days ago

REUTERS®



# DRC

## Significant Transactions

- ★ **December 2021**  
China Moly buys 95% of DRC copper-cobalt mine from Freeport for US \$550 Million
- ★ **August 2021**  
China Moly announces US \$2.5 Billion investment to double copper-cobalt production at Tenke Fungurume
- ★ **April 2021**  
DRC and Barrick Renew Mutual Commitment to Developing Country's Great Potential
- ★ **March 2021**  
Minmetals Resources Ltd. Acquires Anvil Mining for US \$1.3 Billion
- ★ **March 2021**  
Minmetals Resources Ltd. Acquires Anvil Mining for US \$1.3 Billion
- ★ **June 2018**  
CITIC Metal to acquire a 19.9% stake in Ivanhoe Mines for C \$723 Million
- ★ **December 2015**  
Zijn Mining to acquire 49.5% of Ivanhoe's Kamoa for US \$412 Million

### LEGEND

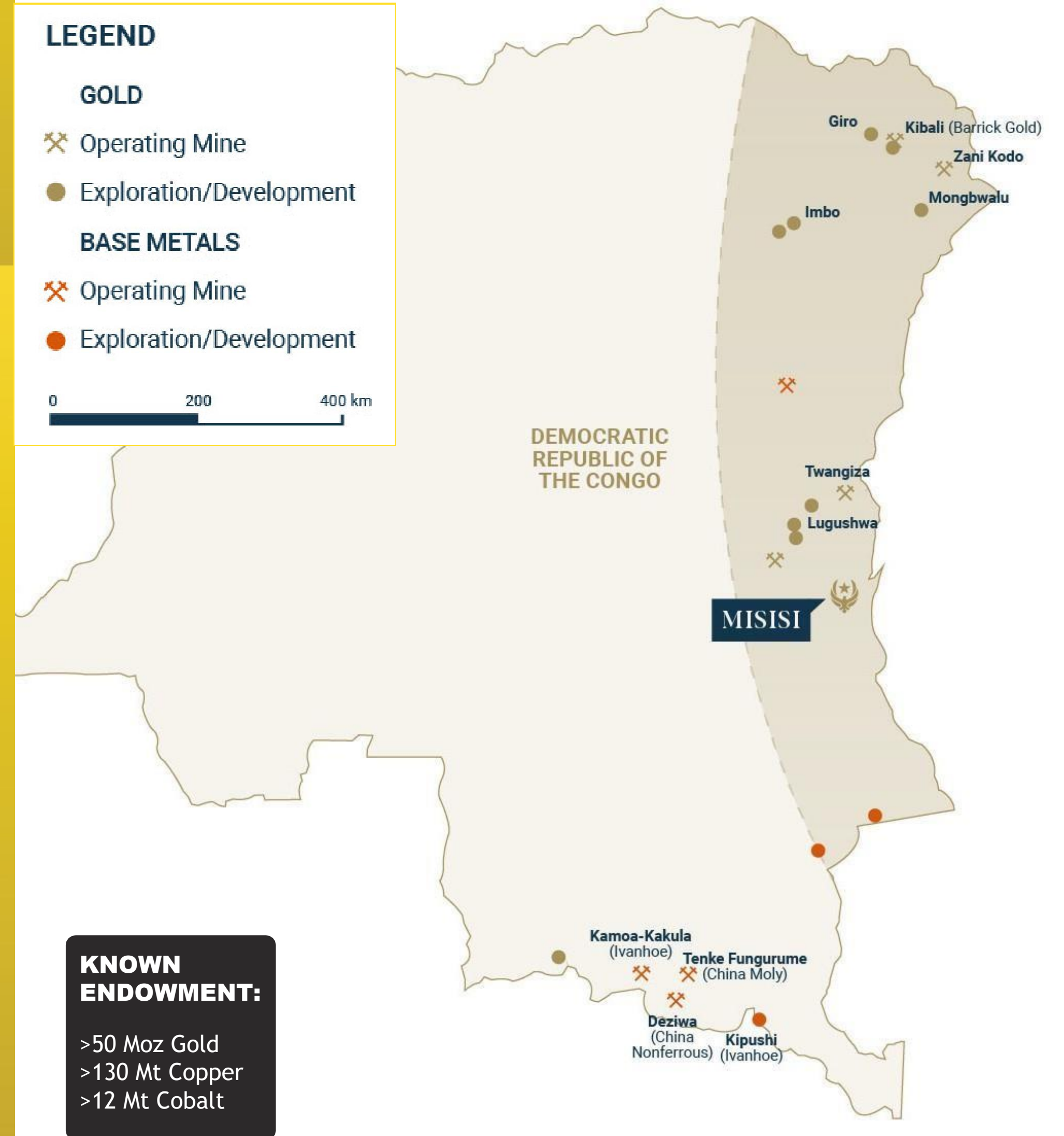
#### GOLD

- ⌘ Operating Mine
- Exploration/Development

#### BASE METALS

- ⌘ Operating Mine
- Exploration/Development

0 200 400 km

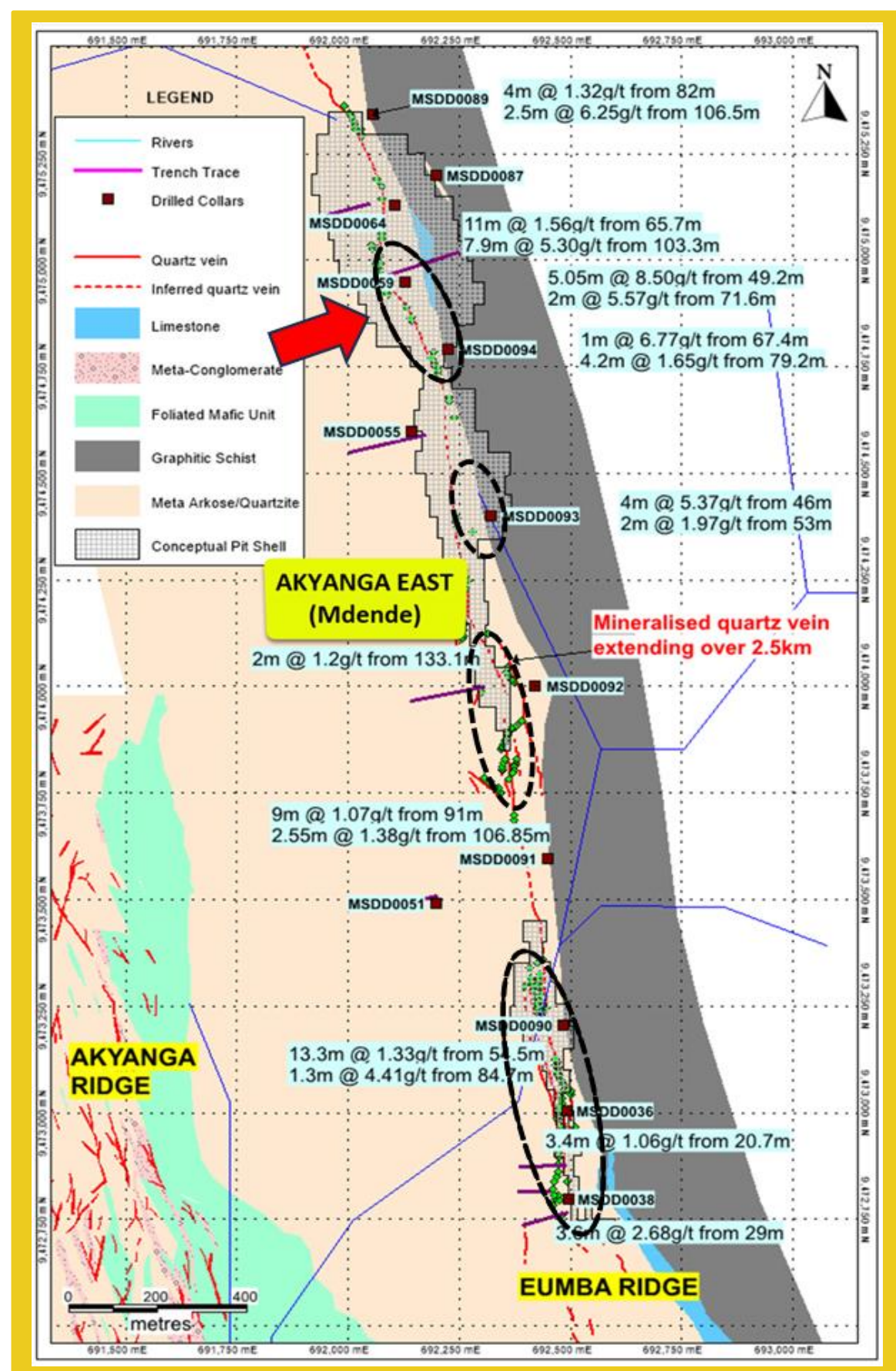


# Community Engagement & Support

- ★ Casa Mining has been working with the Misisi Township and artisanal mining co-operatives since 2010
- ★ Casa Mining has completed multiple phases of drilling and exploration with local agreements and co-operation
- ★ Artisanal mining co-operatives are organized by the Ministry of Mines and are informed and supportive of the companies planned exploration
- ★ Significant community projects and employment programs completed
  - Rehabilitated 6 schools, constructed one new school
  - Constructed community meeting hall
  - Constructed Eтуhu river bridge
  - Adult literacy programs
- ★ Avanti signed a formal profit sharing and cooperation agreement with Sycomines, the licensed and permitted artisanal gold mining association currently operating on the Avanti project areas
- ★ Avanti will continue and expand community projects and partnerships



# 2024 Exploration Program Regional Targets

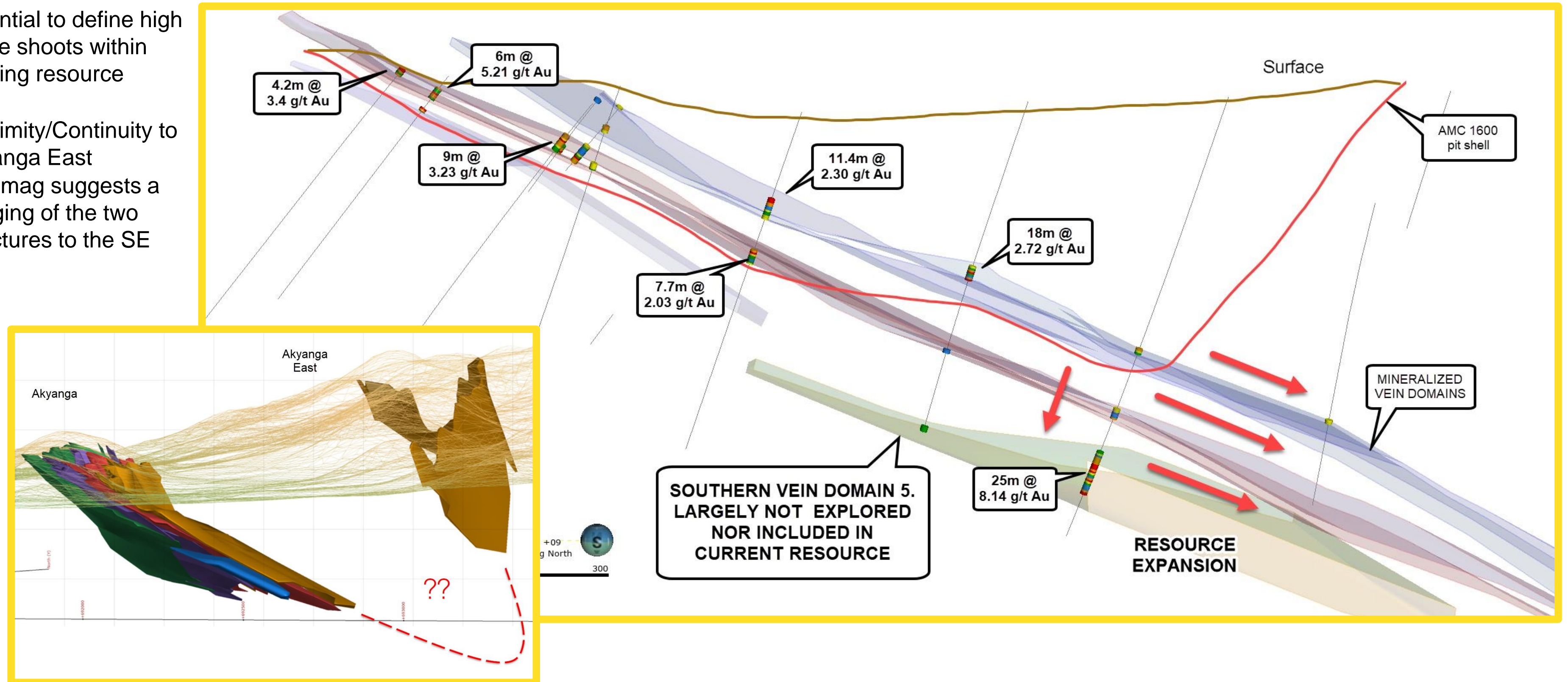


- ★ High grade gold mineralization traced over much of the 55 km belt within the Misisi project
- ★ Diamond drill program at Akyanga East on 4,000 m mineralized structure where previous drilling has indicated high grade gold results over good widths
- ★ Follow up on geochemical anomalies and artisanal workings
- ★ Additional mapping and sampling
- ★ Prioritize and drill new targets

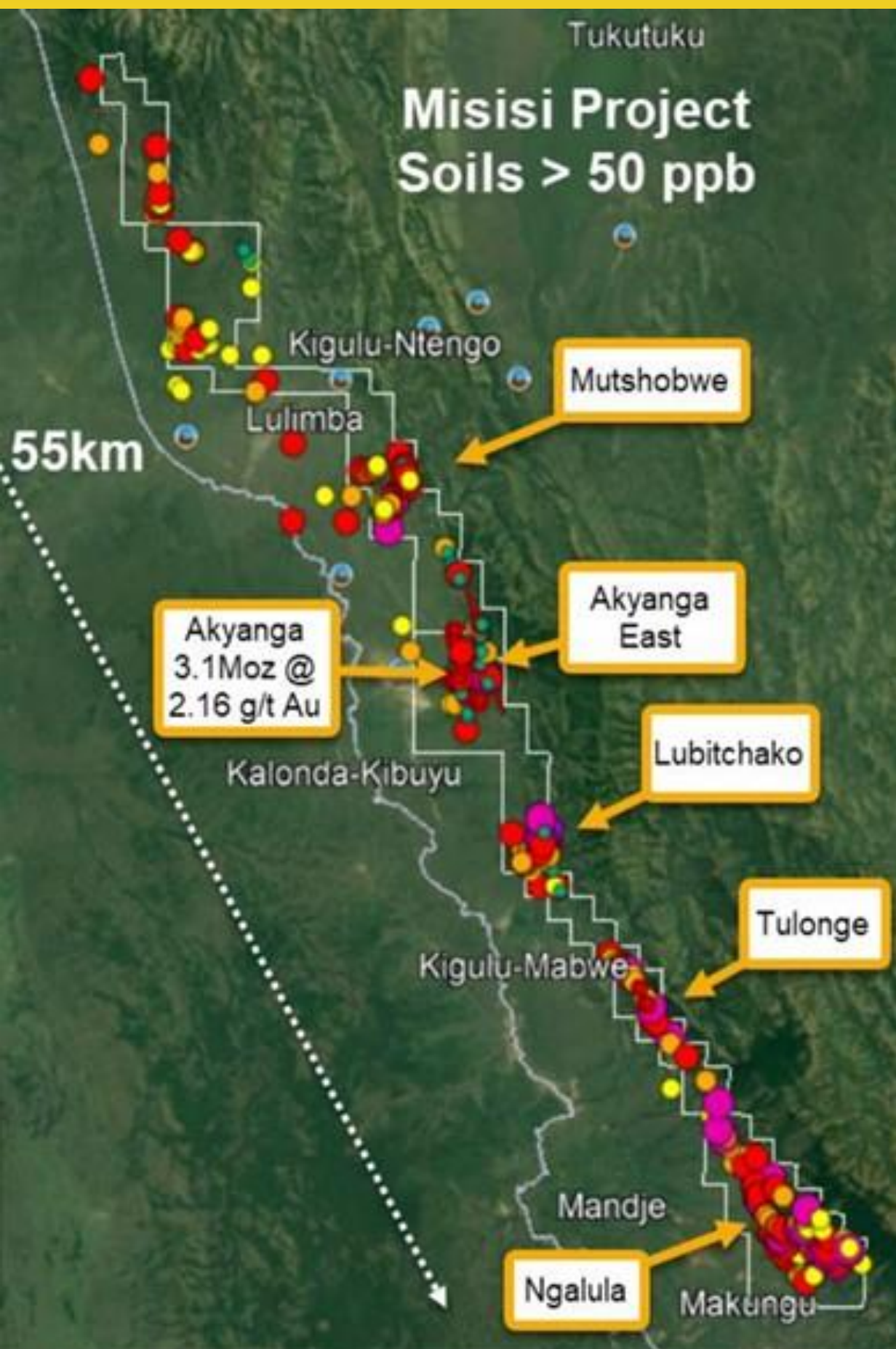
# Akyanga-Akyanga East

## AKYANGA EAST / CONNECTION AT DEPTH / SOUTH EXTENSION / NEW STACKED VEINS / UNDERGROUND POTENTIAL

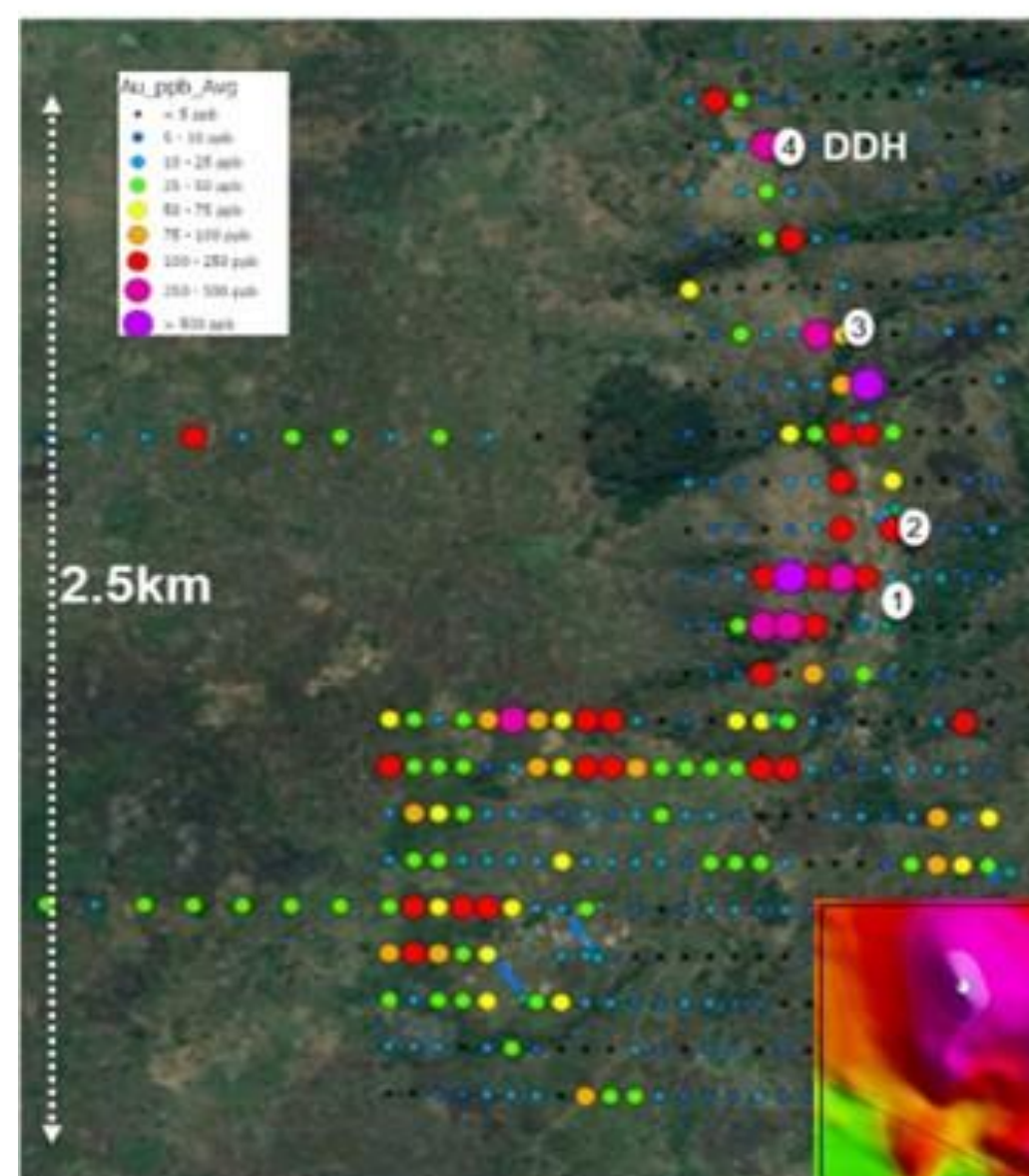
- ★ Potential to define high grade shoots within existing resource
- ★ Proximity/Continuity to Akyanga East  
Aeromag suggests a merging of the two structures to the SE



# Lubitchako Upside



Lubitchako **kilometre-scale** soil anomaly with un-tested structural and geophysical targets 5km south of the Akyanga resource



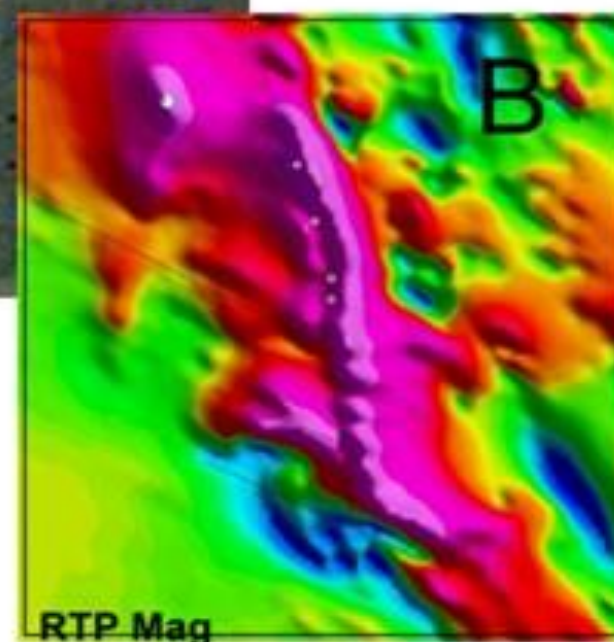
Lubitchako Target area

~4-6km SE of Akyanga  
 Good trucking distance  
 200m line spacing, 2.5 km-long soil anomaly  
 Next steps - detailed mapping and resource drilling

Lubitchako	Trenching highlights			
LBTR04	Trenching	5	8.27	5.0m @ 8.27g/t
LBTR05		5.5	3.29	5.5m @ 3.29g/t
LBTR03		1	38.35	1m @ 38.35g/t

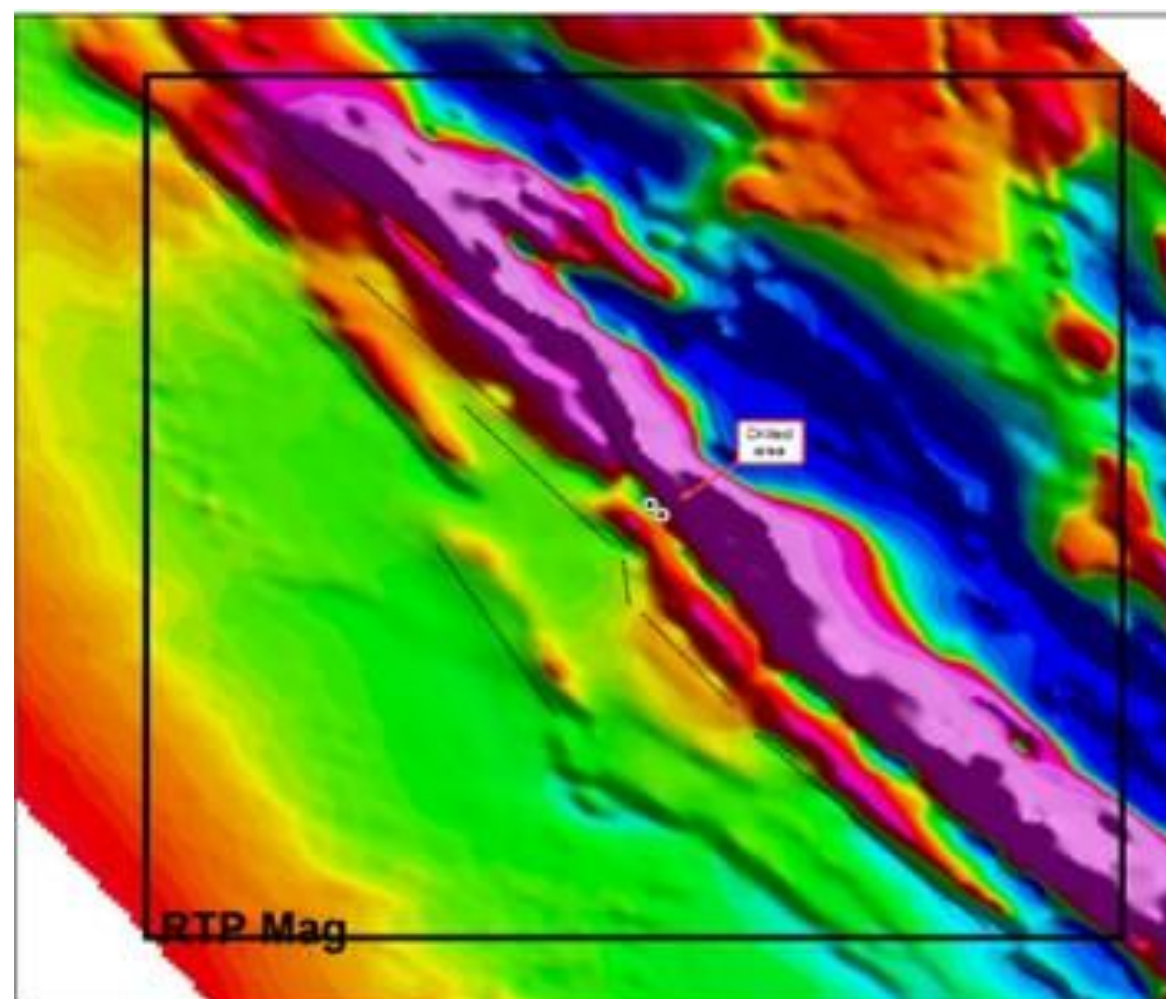
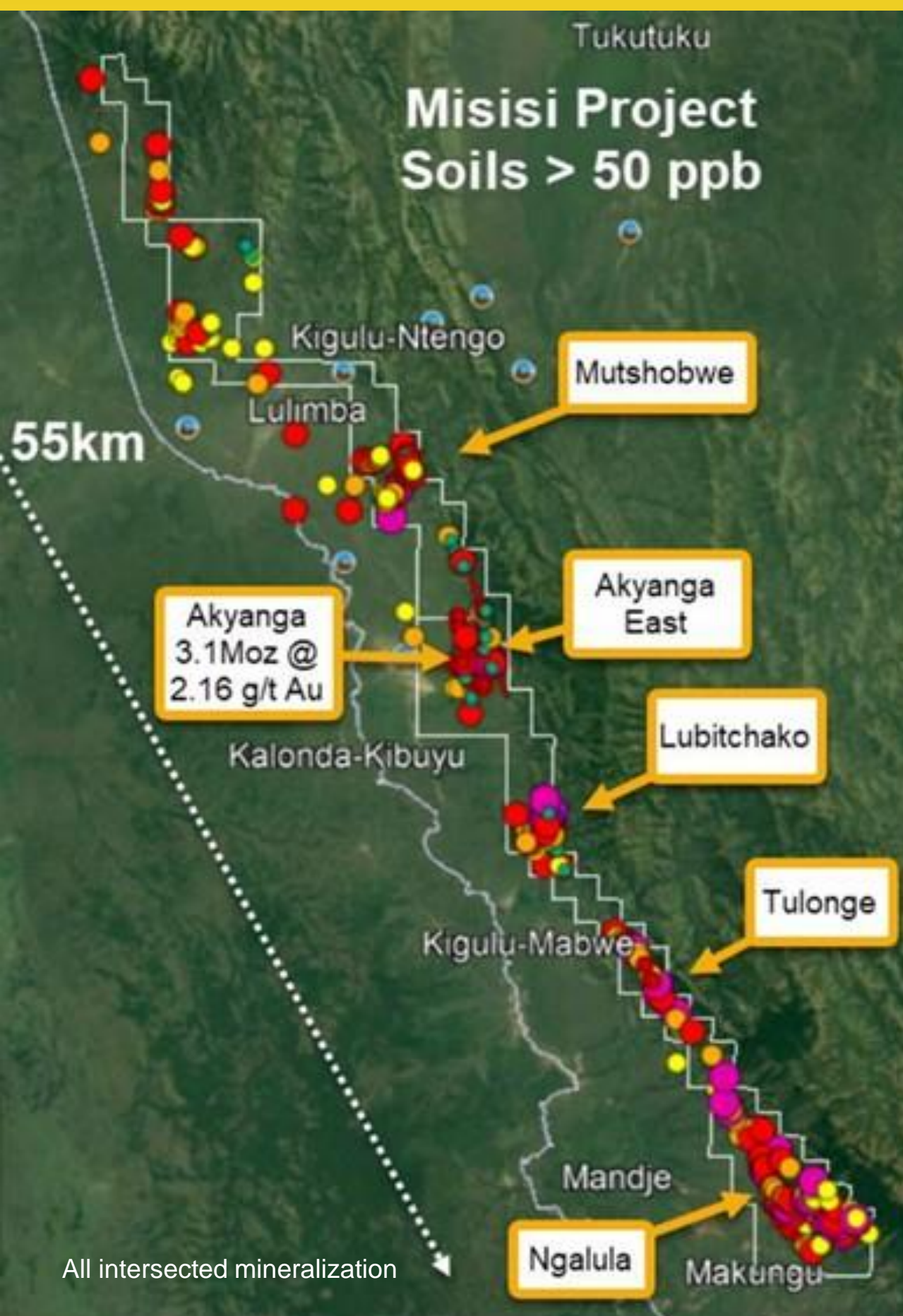
Lubitchako drilling  
 4 scout holes, total 500m

Hole ID	From	To	Interval	Au ppm
LBDD0001	26.30	30.50	4.20	1.24
and	62.40	67.00	4.60	6.08
and	93.60	95.70	2.10	9.06
and	110.20	114.50	4.30	1.09
LBDD0002	28.20	31.20	3.00	0.80
and	134.10	137.10	3.00	1.37
LBDD0003	11.70	12.70	1.00	2.09
and	83.90	85.50	1.60	1.13
and	90.60	91.40	0.80	2.45
and	99.30	100.10	0.80	73.55
LBDD0004	36.20	37.50	1.30	0.76
And	40.50	50.90	10.40	1.37
And	52.50	55.80	3.30	2.82



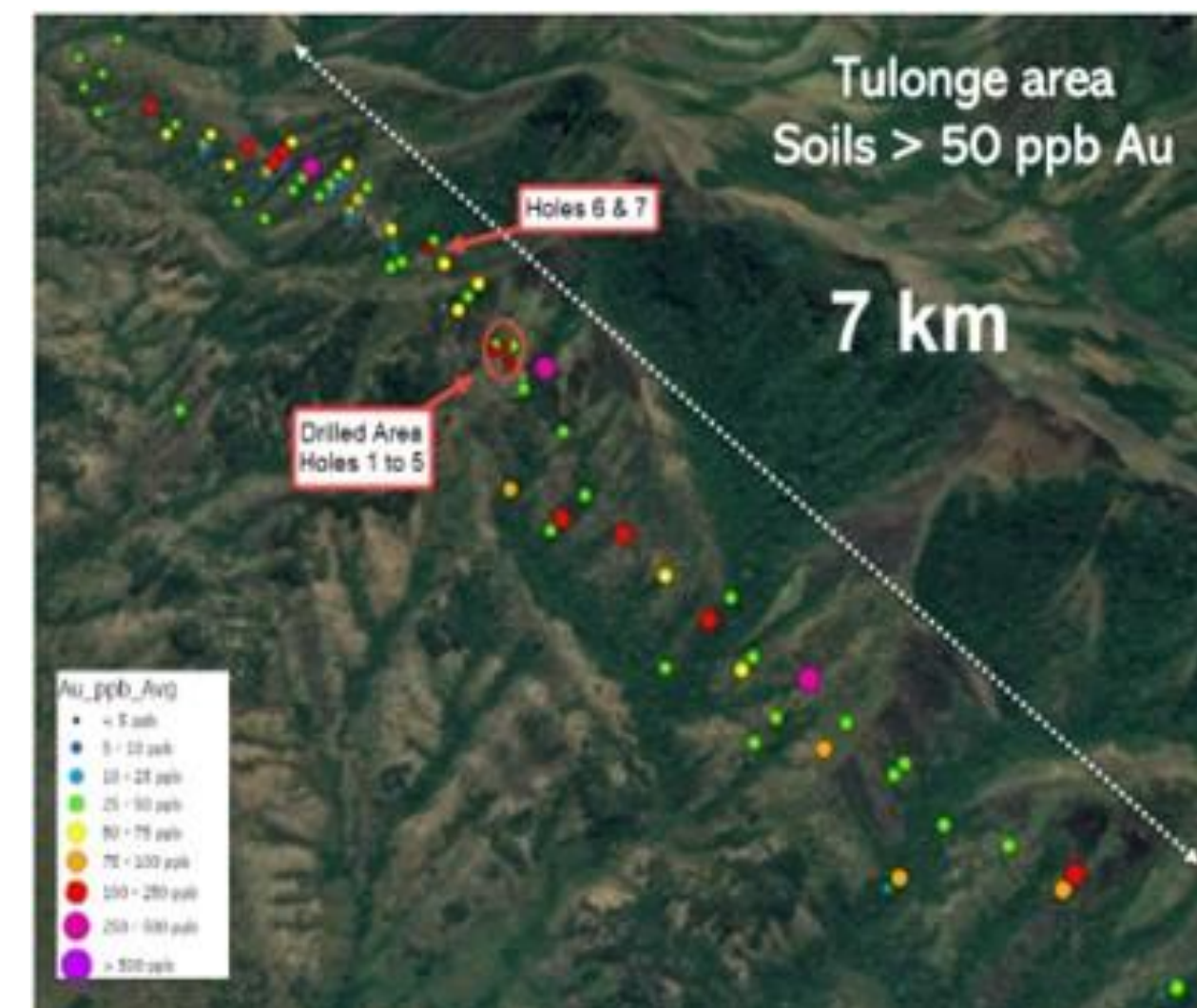
**N.B Multiple zones similar to Akyanga**

# Tulonge



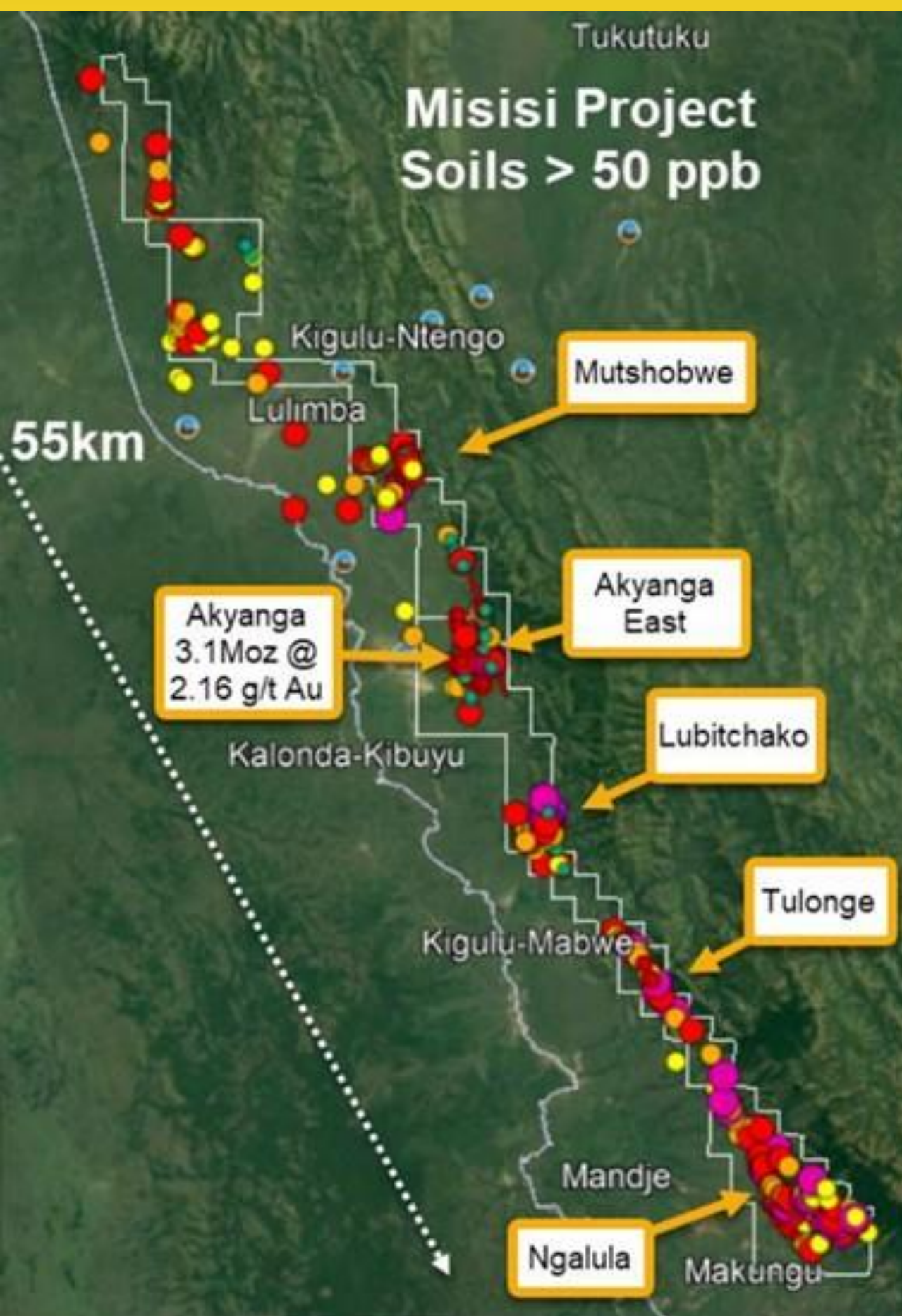
Tulonge	Scout Drilling - 5km target zone				
TLDD0001	40.6	44.2	3.6	4.12	3.6m @ 4.12g/t
TLDD0002	52.2	58.4	6.2	5.05	<b>6.2m @ 5.05g/t</b>
TLDD0003	14	19	5	3.98	5m @ 3.98g/t
TLDD0003	80	84	4	5.04	4m @ 5.04g/t
TLDD0003	89	92	3	3.04	3m @ 3.04g/t
TLDD0005	8.5	9.8	1.3	13.05	1.3m @ 13.05g/t
TLDD0005	31	34.4	3.4	7.11	3.4M @ 7.11g/t
TLDD0006	103	108.9	5.9	7.15	<b>5.9m @ 7.15g/t</b>

\*Scout drilling 7 holes, total 1300m cover 600m of 7km strike

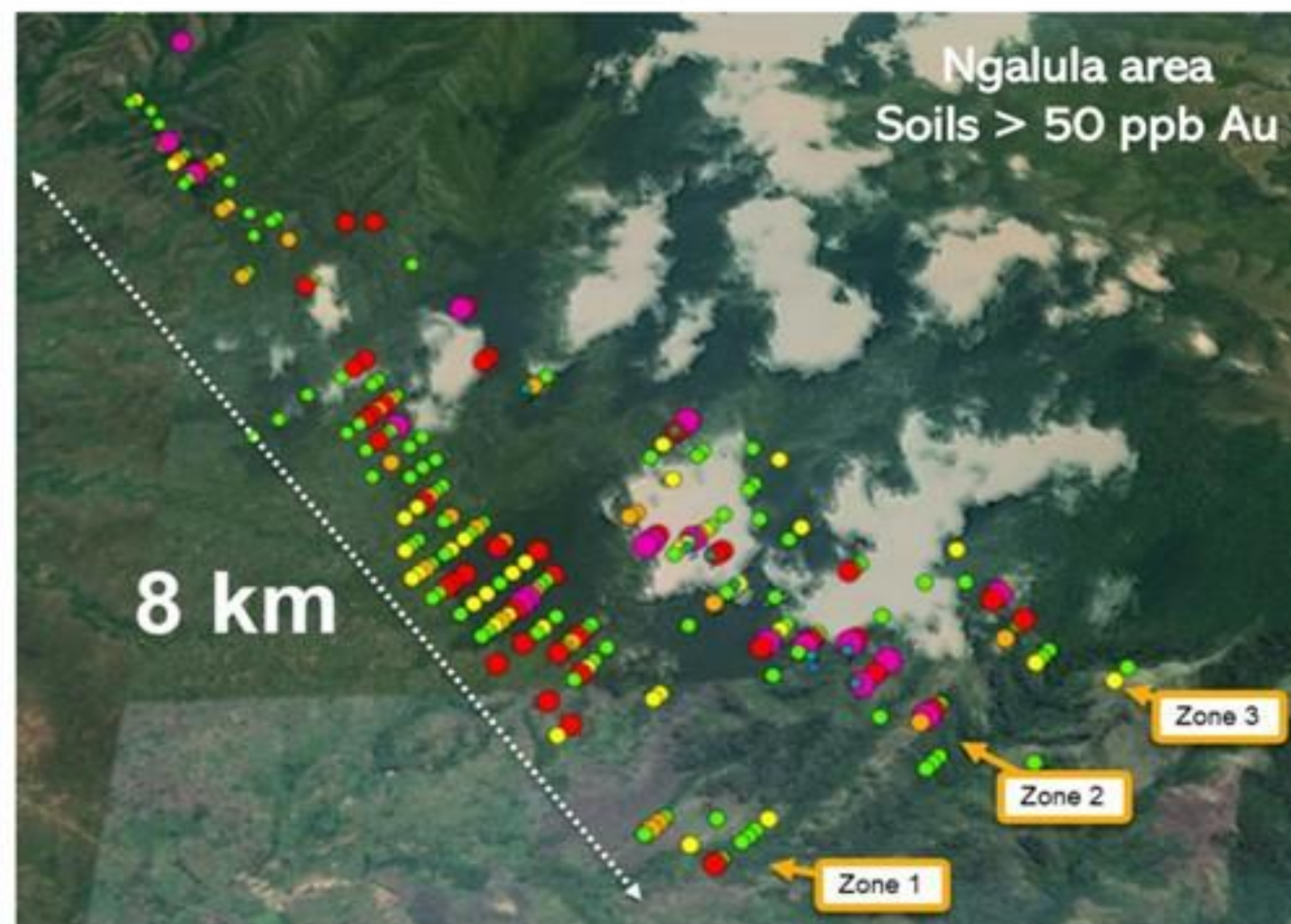


- ★ Tulonge Target area, ~14km SE of Akyanga
- ★ 200 m line spacing, 7 km-long soil anomaly
- ★ Next steps - detailed mapping and resource drilling

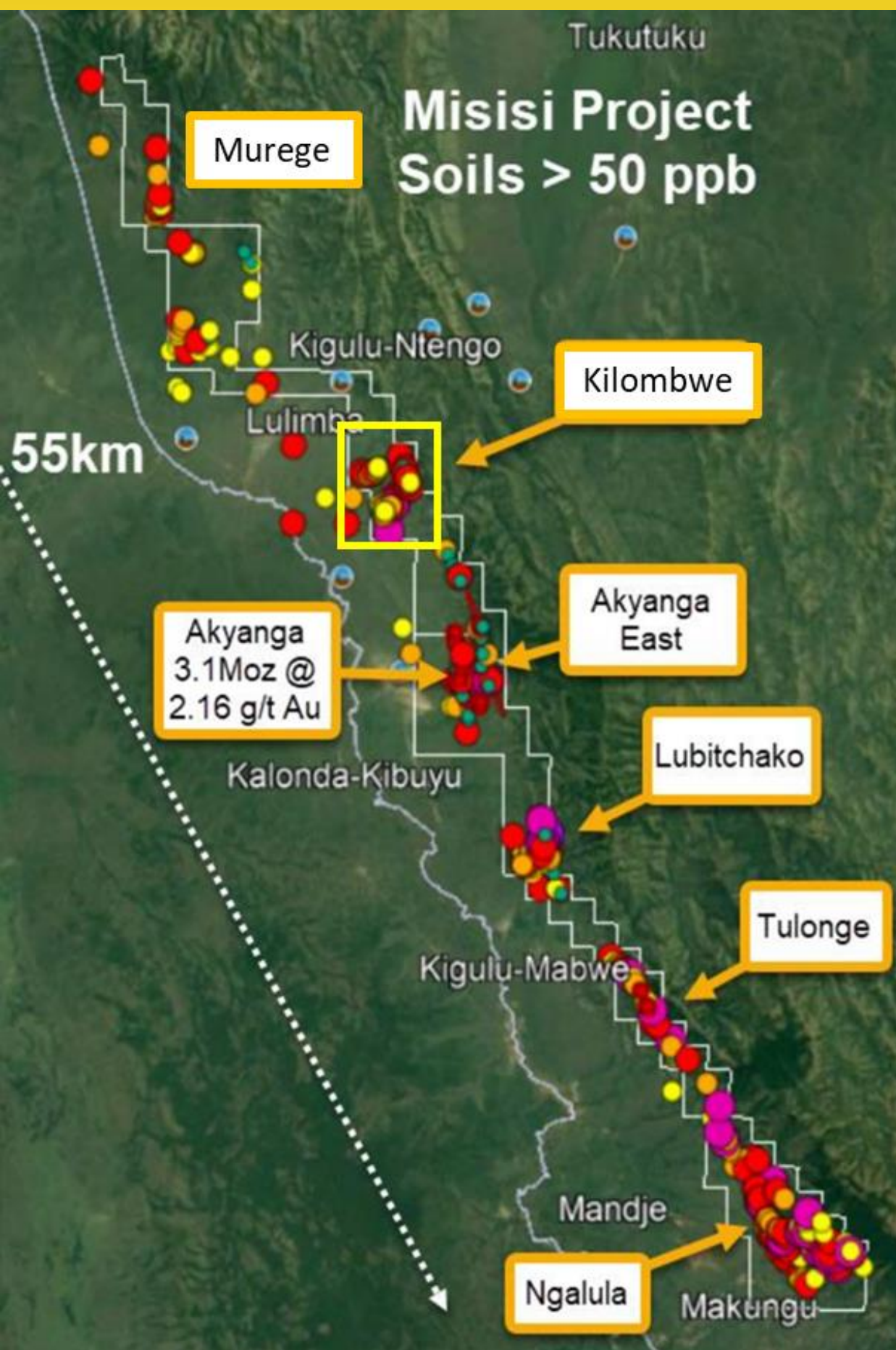
# Ngalula



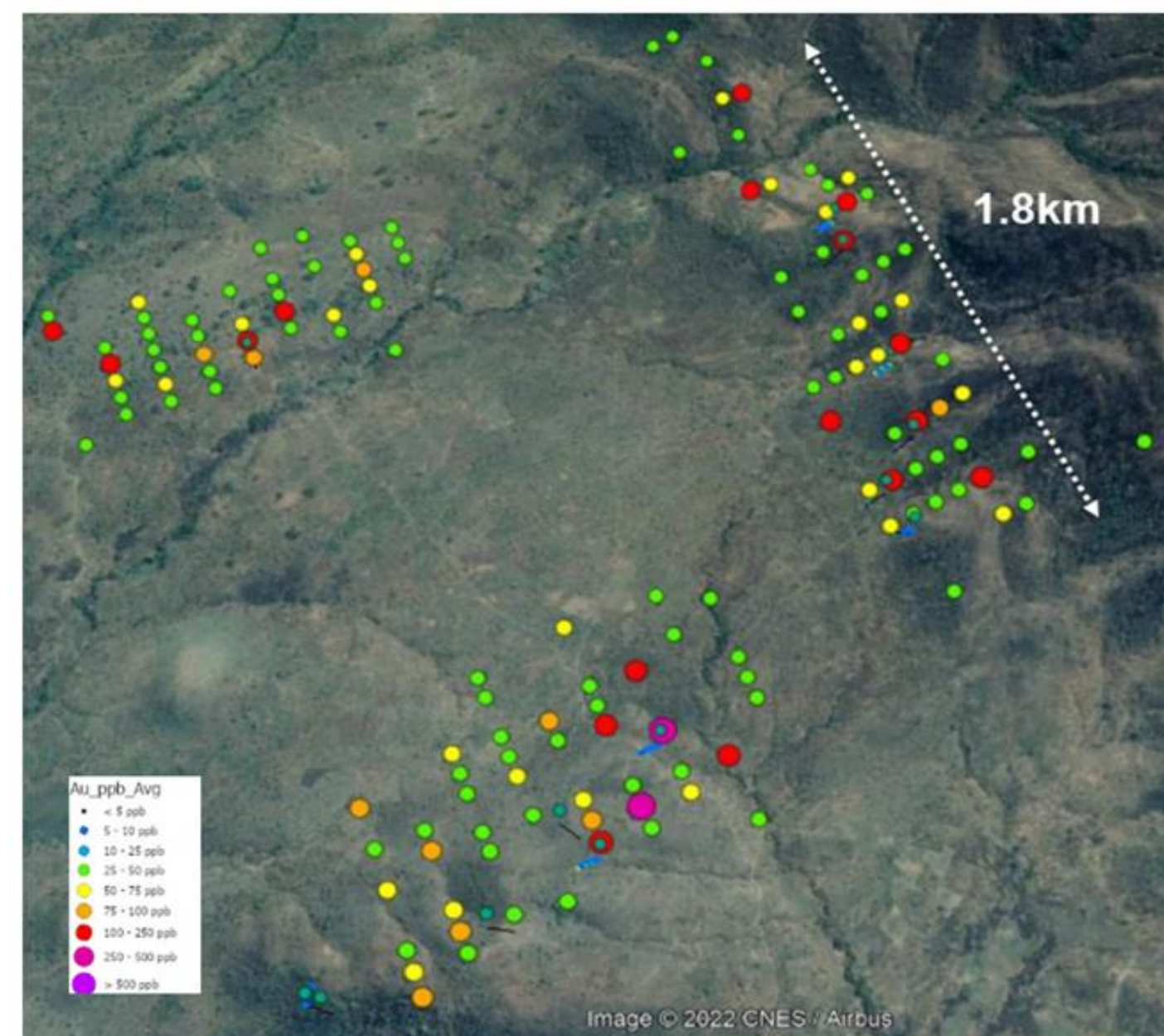
**Ngalula Target area,  
~24 km SE of Akyanga  
200m line spacing, anomalous soils over 8 km-strike  
next steps - detailed mapping and resource drilling**



# Kilombwe



**Kilombwe Target area,**  
~7km NW of Akyanga  
Good trucking distance  
200m line spacing  
No drilling to date







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