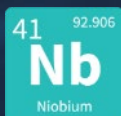
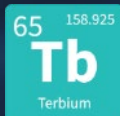
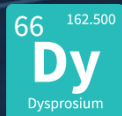




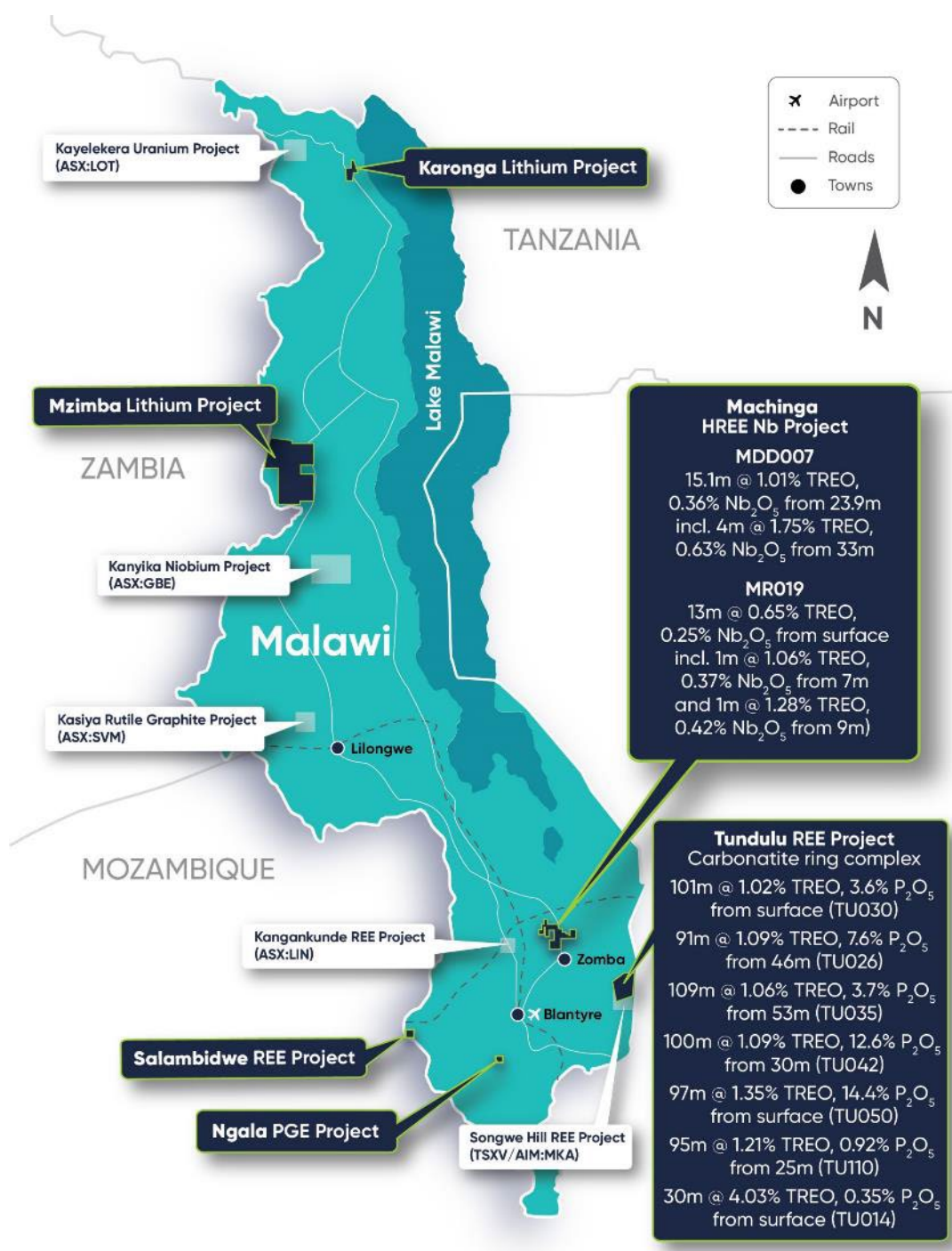
ASX:DY6

An Emerging Supplier of **Heavy Rare Earths & Niobium**



Gold Coast Investment Showcase

19-20 June 2024



Our Projects



ASX:DY6

Large suite of critical metals projects in Malawi - highly prospective for Rare Earths, Niobium and Lithium

- Machinga**

66
Dy
Dysprosium

65
Tb
Terbium

41
Nb
Niobium

 - Maiden drilling program for 4,543m
 - Comprehensive rock and soil samples (861 samples)
 - HRE and Nb rich Alkaline Complex , 29% HREO/TREO
- Tundulu**

60
Nd
Niodymium

59
Pr
Praseodymium

15
P
Phosphorus

 - Large Carbonatite Ring Complex exceeding 1%TREO
 - Granted EL covering 91.5 km²
 - Acquired quality historical Drilling and Geochem data
- Mzimba and Karonga**

3
Li
Lithium

 - Application for EPL covering 710km² and EPL covering 36.5km²
- Salambidwe**

60
Nd
Niodymium

59
Pr
Praseodymium

41
Nb
Niobium

 - Comprehensive geochemical and geophysics program completed
- Ngala Hill**

29
Cu
Copper

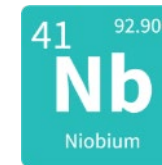
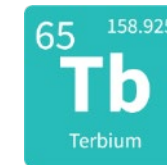
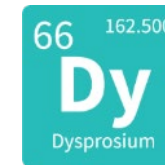
28
Ni
Nickel

78
Pt
Platinum

46
Pd
Palladium

Corporate Snapshot

ASX:DY6



ASX:DY6

CAPITAL STRUCTURE

\$0.08

ASX Share Price**

58.5M

Shares on Issue

\$4.7M

Market Cap

\$3M

Cash*

\$1.7M

Enterprise Value

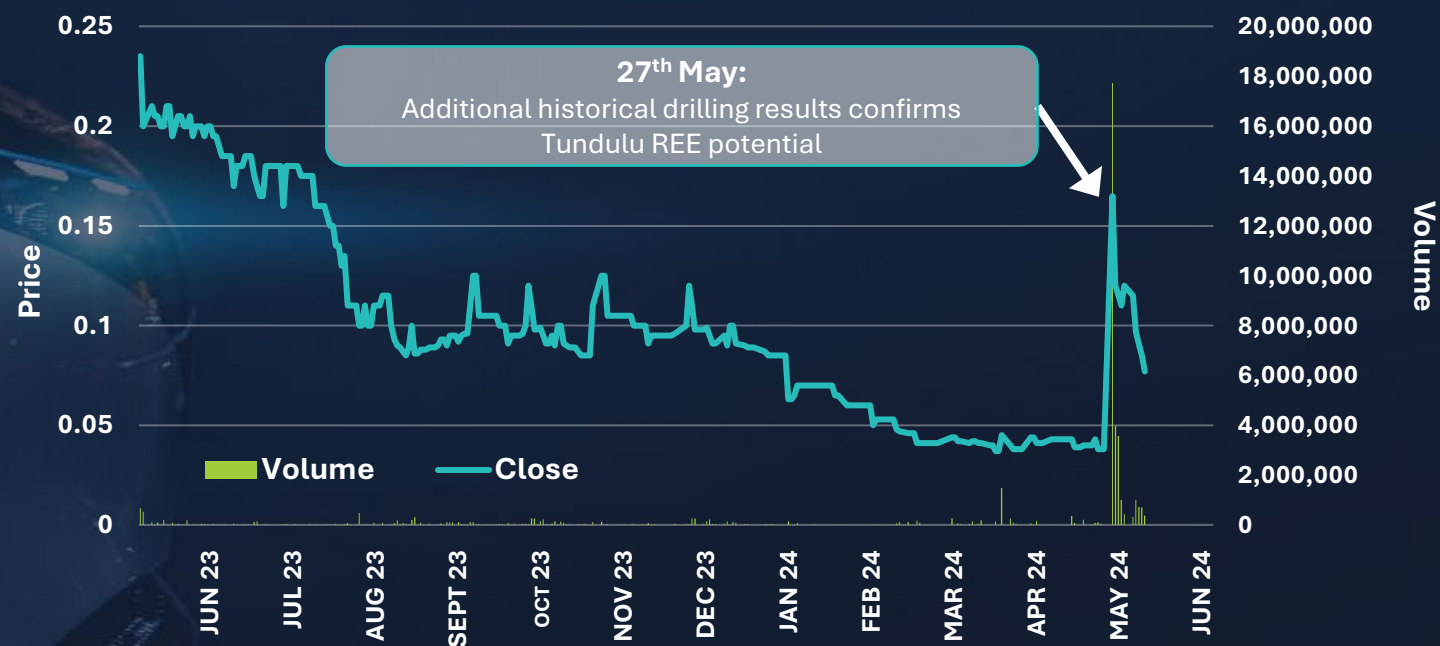
SHAREHOLDERS*

Board & Management
14%

Others
64%

Strategic Cornerstone
Investors
(Zhenshi Group & Zhung Nam)
21%

SHARE PRICE



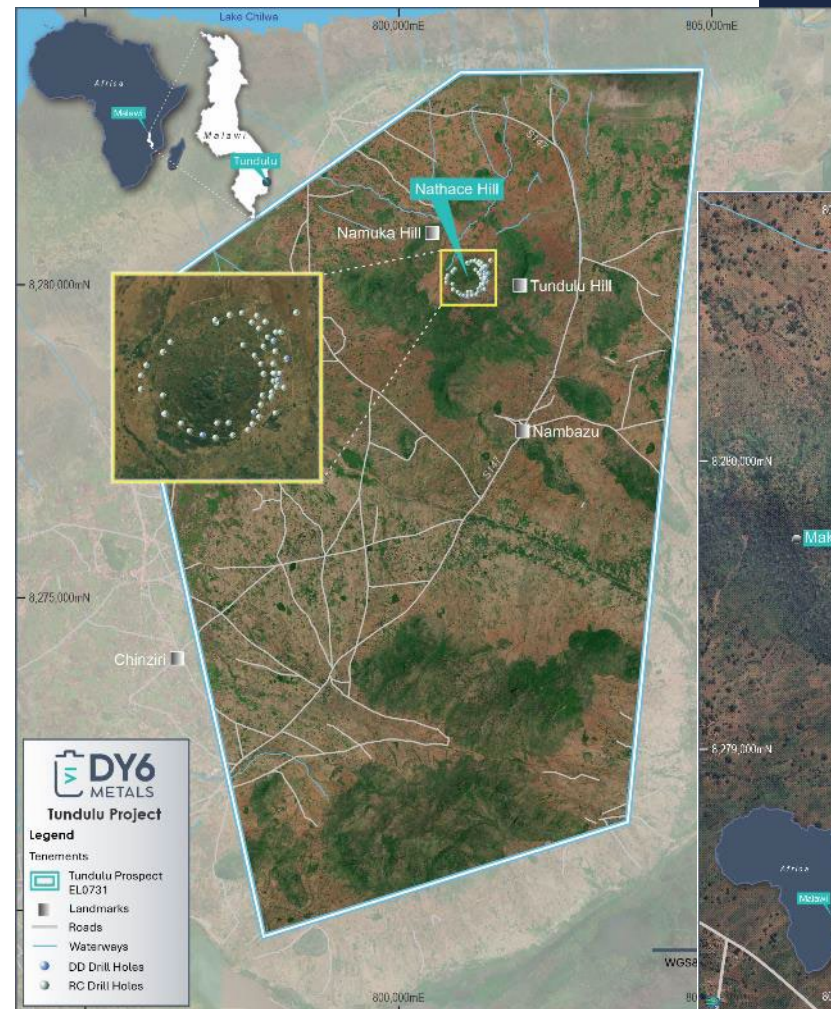
*Cash as at 31 March 2024

**Closing price as at 13 June 2024

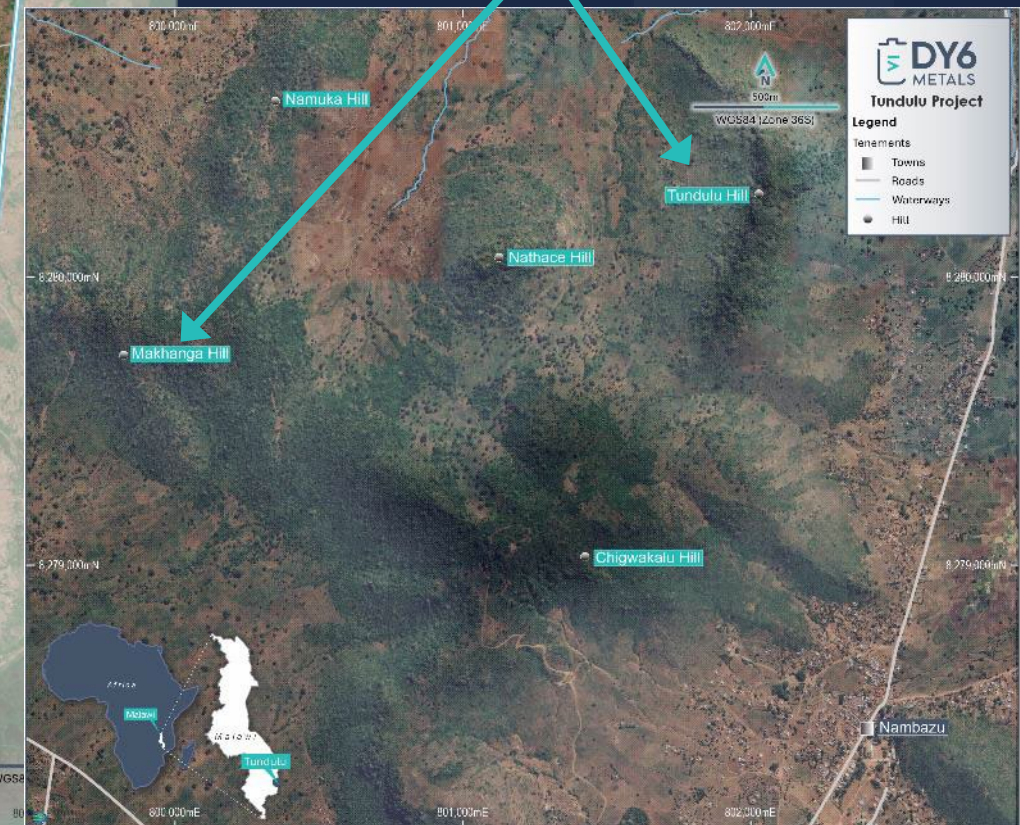
Tundulu Project

Significant Undeveloped REE Carbonatite Complex

- 50km ESE of Zomba and complements DY6 highly prospective **Machinga HREE and Nb Project**
- Tundulu formed of multiple ring structures around a central vent **Nathace Hill** where major drilling uncovered a large REE, P2O5 hosted mineralised system
- **Quality historical data** and impressive results with significant exploration upside to expand
- Predominately contain **REE Apatite and REE carbonatite rich** lithologies and multiple outcropping
- Mineral rich carbonatites occur also at **Tundulu Hill and Makhanga Hill**
- Apatite Phosphate grades ranging **5%-30% P2O5** with HREE enrichment and highly prospective for **Nb**



The Area remains largely
**Unexplored and Prospective
for REEs**



ASX:DY6

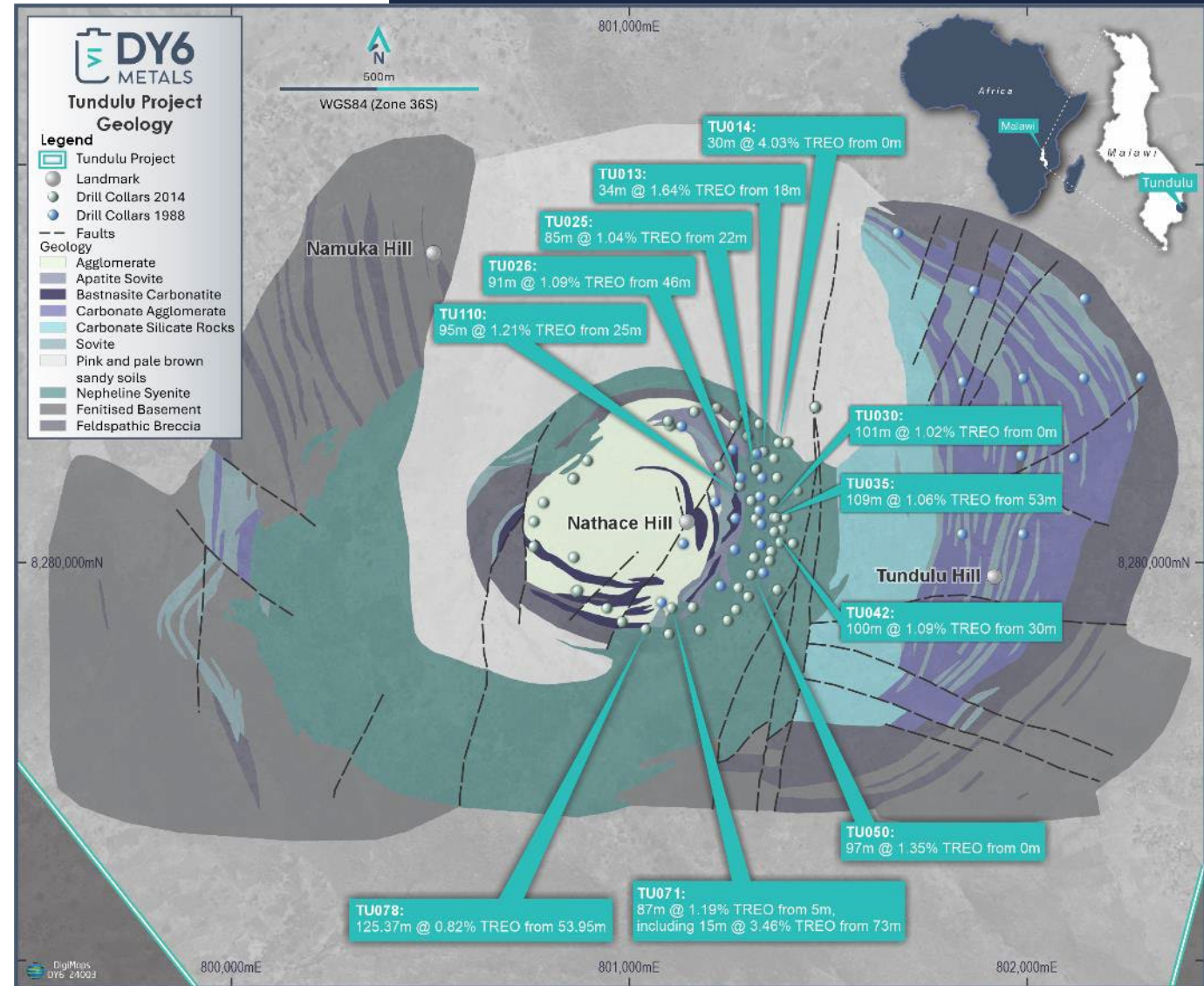
Tundulu Project

Tundulu Geological Structure: REE and Apatite rich Carbonatite

24 shallow 50m drill holes for 1200m at Nathace and Tundulu by JICA* in 1988 & 7000m (50 RC and 5 DDH) in 1984 at average 127m depth.

Notable significant drill intersections:

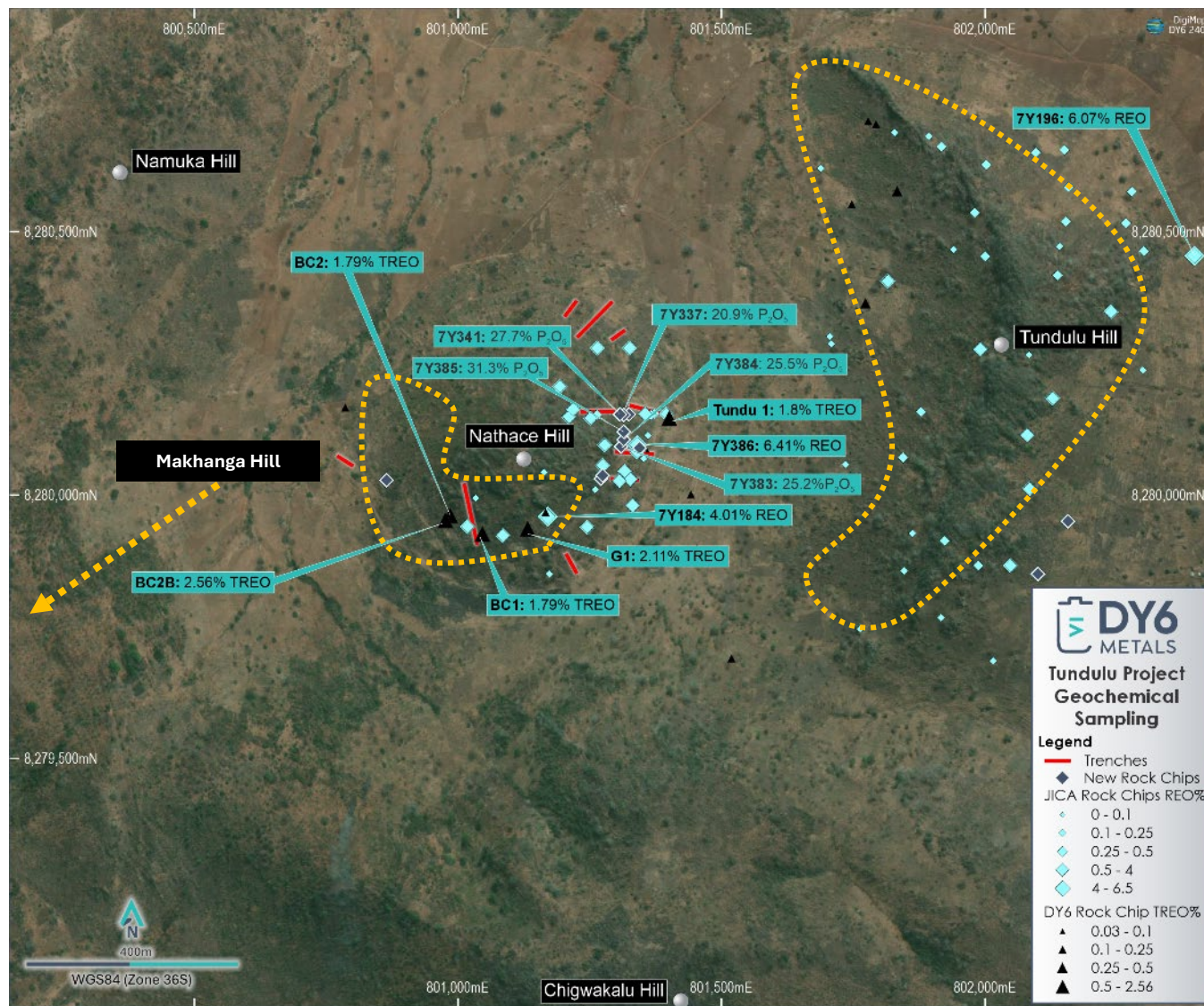
- 101m @ 1.02% TREO, 3.6% P₂O₅ from surface (TU030)
- 91m @ 1.09% TREO, 7.6% P₂O₅ from 46m (TU026)
- 85m @ 1.04% TREO, 2.0% P₂O₅ from 22m (TU025)
- 109m @ 1.06% TREO, 3.7% P₂O₅ from 53m (TU035)
- 100m @ 1.09% TREO, 12.6% P₂O₅ from 30m (TU042)
- 97m @ 1.35% TREO, 14.4% P₂O₅ from surface (TU050)
- 125m @ 0.82% TREO, 2.3% P₂O₅ from 54m (TU078)
- 95m @ 1.21% TREO, 0.92% P₂O₅ from 25m (TU110)
- 87m @ 1.19% TREO, 0.43% P₂O₅ from 5m (TU071), including 15m @ 3.46% TREO from 73m
- 74m @ 1.55% TREO, 4.4% P₂O₅ from 72m (TU043), including 11m @ 2.56% TREO from 84m
- 31m @ 2.27% TREO, 0.64% P₂O₅ from 41m (TU048)
- 30m @ 4.03% TREO, 0.35% P₂O₅ from surface (TU014)



Next Steps

Discovery and Resource Focused Exploration

- Large carbonatite footprint across Tundulu Complex with significant resource potential
- Multiple outcropping extends **West and South of Nathace Hill** and remains open
- Potential for extensive REE mineralisation across **Tundulu Hill and Makhanga Hill** also targeted
- High REE grade outcrops indicative of significant REE mineralised system
- DY6 planning comprehensive sampling over target areas **remain open and untested**



Tundulu Hill Outcrops



Top of Tundulu Hill










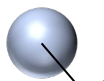
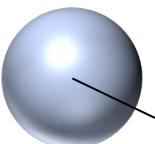
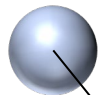
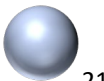




Nathace Hill



Tundulu Comparison



ASX:DY6

Company	 DREADNOUGHT ASX:DRE	 RARE ASX:REE	 ASM ASX:ASM	 hastings ASX:HAS	 MKANGO TSX-V:MKA	 DY6 ASX:DY6
EV	A\$56.43m	A\$5.75m	A\$211.5m	\$47.06m	\$A66m	A\$1.7m
Market Cap.	A\$59.67m	A\$10.3m	A\$250m	A\$69m	A\$66.8m	A\$4.7m
Pathway to Mineral Resource Estimate Mt	Nov 2023  40.82	Jul 2021  18.8	Sep 2017  75.18	Jan 2024  29.93	Feb 2019  21	
	Dec 2022  14.36	Nov 2019  13		Dec 2019  6.79		
Location	Western Australia	Western Australia	New South Wales	Western Australia	Malawi	Malawi
Project name	Mangaroon	Cummins Range	Dubbo	Yangibana	Songwe Hill	Tundulu Complex
Status	Developer	Developer	Developer	Developer	Developer	Explorer
Hard Rock / Clay	Hard Rock	Hard Rock	Hard Rock	Hard Rock	Hard Rock	Hard Rock
Mineral Resource Mt	40.82	524	75.2	29.93	21	N/A
Contained REO kt	420	1624	556	279	296	N/A
TREO Grade %	1.03%	0.31%	0.74%	0.93%	1.41%	~1.0 -1.5%

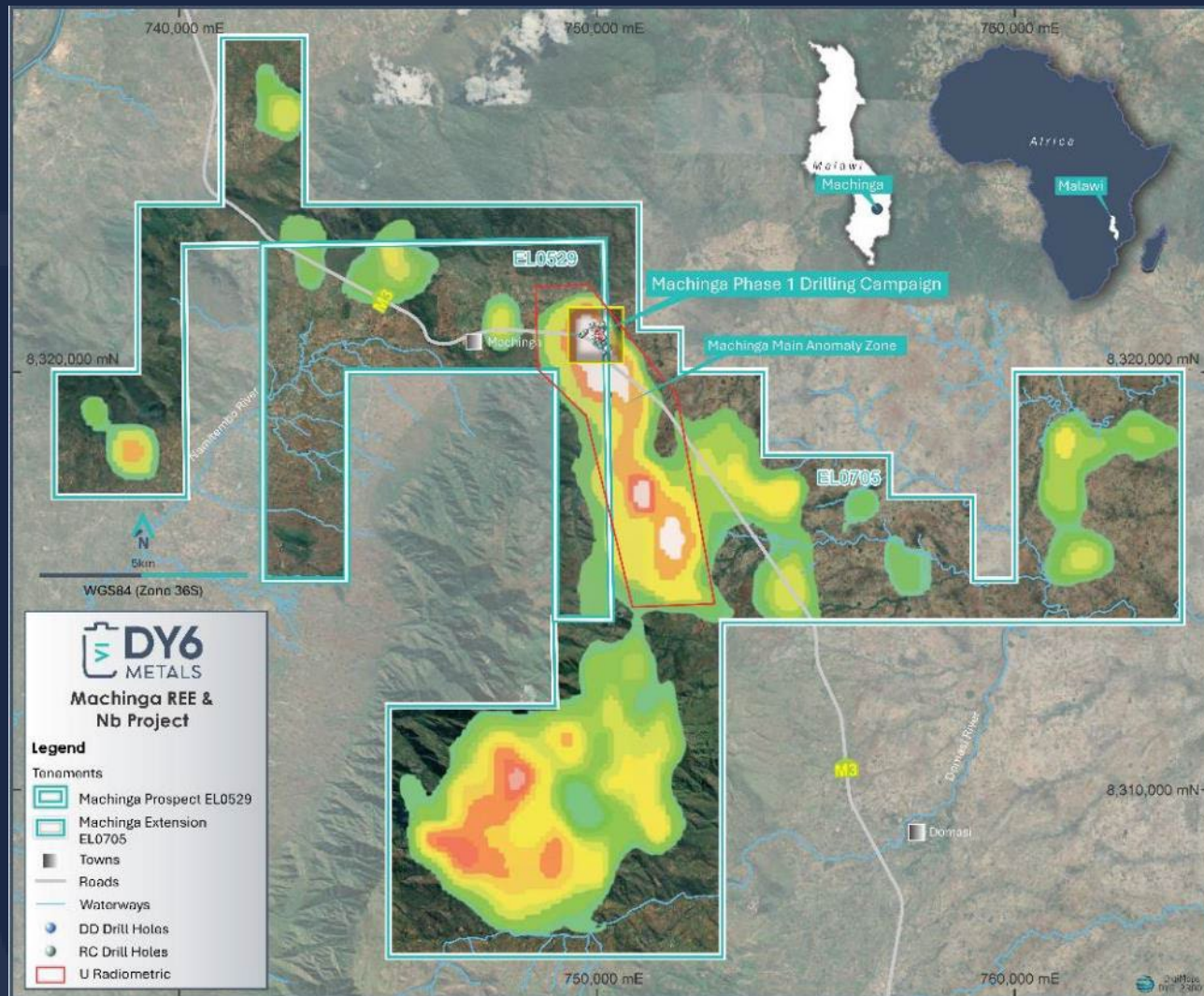
Sources: Appendix A for TREO Grade, Mineral Resource Estimate, Quarterly activity statement for cash as at March 31st, 2024, Makango converted to AUD using exchange rate

US\$:A\$ 1.1534 at 31 March 2024

DY6 cash as at 31 March 2024, DY6 Closing Share Price as at 13 June 2024

MACHINGA HREE & Nb Project

Elevated Dy & Tb
~3.7% DyTb:TREO
~29% HREO:TREO



Alkaline Intrusive Complex



ASX:DY6

- 4000m of Historic drill results consistent with DY6 drilling
- Completion of maiden drilling program for total 4,543m at **Machinga HREE and Nb project**
- Radiometric responses strong correlation with hydrothermal breccia
- **HREE enrichment, exhibiting high grade Nb**
- Significant assay results include:
 - 13m @ 0.65% TREO, 0.25% Nb from surface; incl. 1m @ 1.06% TREO, 0.37% Nb from 7m, and 1m @ **1.28% TREO, 0.42% Nb** from 9m (MR019)
 - 7m @ **1.42% TREO with 0.49% Nb** from 65m (MR011)
 - 15.1m @ 1.01% TREO, 0.36% Nb from 23.9m incl. 4m @ **1.75% TREO, 0.63% Nb** from 33m drilled down dip (MDD007)
- Widespread HREE mineralisation – showing continuity into newly granted licence area (EL070)
- Machinga REE mineralised system contains elevated Dy & Tb (~3.7% of TREO)*, essential minerals for the EV traction motor

TREO = Total Rare Earth Oxides – La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y Oxide

HREO = Heavy Rare Earth Oxides – Tb, Dy, Ho, Er, Tm, Yb, Lu, Y Oxide

DyTb:TREO = (Dy+Tb)/TREO * 100

MR0:TREO = (Nd+Pr+Dy+Tb)/TREO * 100

*Average basket of rare earths of all DY6 RC drill assays @ > 0.5% TREO

Rock Chips confirm significant Mineralised Footprint along Strike



ASX:DY6

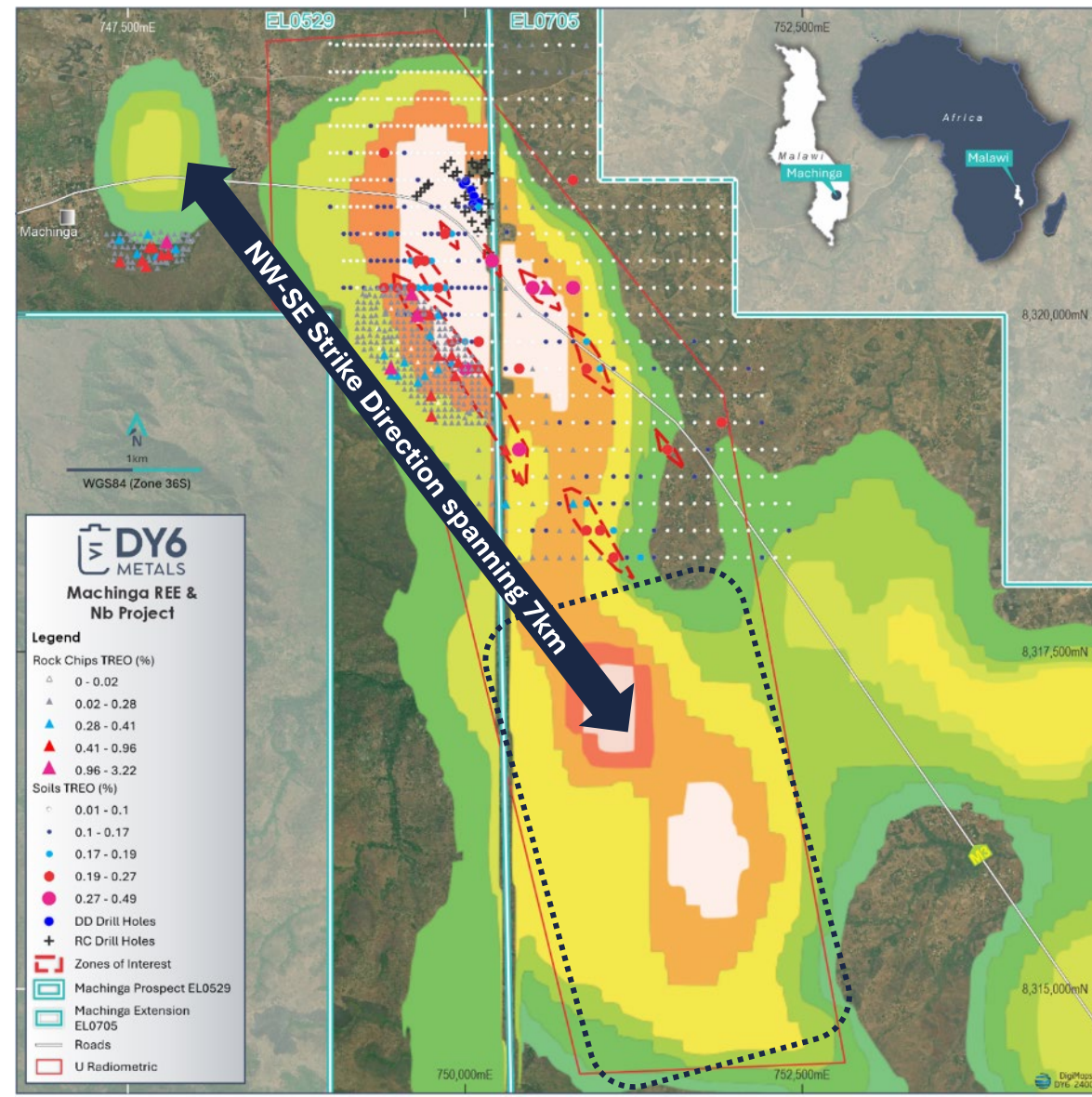
- Demonstrates excellent continuity of mineralised zones with radiometrics
- Multiple parallel zones and greater TREO anomalies West of Machinga main anomaly
- Scale potential for greater REE mineralisation
- Further sampling to test the Radiometric anomaly extending further south

1

**Phase One
Drilling
focused NE**



**Significant
potential
exists for
drilling West
and South
with targets
open in a
NW-SE trend**



Milestones 2H 2024

Near-Term Goals – Discovery at Tundulu

1

MACHINGA HREE-Nb

- Soil sampling planning stage in extended EL0705 targeting the southern anomaly zone
- Identification of future drill targets for implementation of Phase 2
- Mineralogy investigation near completion
- Preliminary metallurgy testwork begins on drill core samples

3

NGALA & MZIMBA

- Soil geochemical sampling programs planned in 2H
- Reprocessing of Geophysics data

2

TUNDULU REE-P2O5

- Knowledge building stage and review of historical drillholes and associated geological and geophysical datasets
- Planning rock chip geochem sampling to identify priority target areas
- Initial metallurgical program to kick-off 2H focused on dual REE and phosphate concentrates
- Future drill testing areas south and west of Nathace Hill and areas interpreted to be highly prospective to host mineralisation



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Board & Management

Mr Dan Smith

Non-Executive Chairman

Mr Myles Champion

Mr John Kay

Dr Nannan He

Non-Executive Directors

Mr Lloyd Kaiser

Chief Executive Officer

Mr Troth Saindi

Senior Exploration Geologist

Mr Allan Younger

Technical Consultant



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Contact Details

Mr Lloyd Kaiser

CEO

lloyd.kaiser@dy6metals.com

Mr John Kay

Non-Executive Director & Company Secretary

john.kay@dy6metals.com

ASX:DY6

DY6 Metals Ltd
Level 8, 99 St Georges Terrace
Perth WA 6000



www.dy6metals.com

Appendix A | Rare Earth Company References

Peer Comparison



ASX:DY6

Project	Company	Ticker		Location	Type	Resource	Grade	Contained	Type	Share Price	Total Shares	Market Cap	Cash	EV
						Mt	% TREO	REO (kt)		(\$)	(m)	A\$m	A\$m	A\$m
Tundulu	DY6 Metals	DY6	ASX	Malawi	Hardrock	N/A			LREE	0.08	58.5	4.7	3	1.7
Mangaroon	Dreadnought Resources	DRE	ASX	Australia	Hardrock	41	1.0%	420	LREE	0.017	3510	59.7	3.245	56.43
Cummins Range	RareX Resources	REE	ASX	Australia	Hardrock	524	0.3%	1,624	LREE	0.015	683	10.3	0.911	9.34
Dubbo	Australian Strategic Metals	ASM	ASX	Australia	Hardrock	75.18	0.74%	556	LREE	1.380	181	250.0	38.478	211.49
Yangibana	Hastings Tech. Metals	HAS	ASX	Australia	Hardrock	29.93	0.93%	278	LREE	0.408	176.4	72.0	24.9	47.06
Songwe Hill	Mkango Resources	MKA	TSX-V	Malawi	Hardrock	21	1.41%	296	LREE	0.263	253.5	66.8	0.74	66.03

Project	Company	Links to Financials	Links to Grade and Mineral Resources Estimates
Mangaroon	Dreadnought Resources	ASX:DRE - Quarterly Activities Report - March 2024 (dreadnoughtresources.com.au)	ASX:DRE - Large, High Confidence Yin Ironstone Resource - Mangaroon (dreadnoughtresources.com.au)
Cummins Range	RareX Resources	ASX:REE - Quarterly Activities/Appendix 5B Cash Flow Report (rarex.com.au)	ASX:REE - NEW WORLD TECH METALS CONFERENCE PRESENTATION (rarex.com.au)
Dubbo	Australian Strategic Metals	https://asm.au.com/dubbo-project/resources-and-reserves/	https://asm.au.com/dubbo-project/resources-and-reserves/
Yangibana	Hastings Tech. Metals	https://www.investi.com.au/api/announcements/has/2620b2b4-f1f.pdf (cash)	https://www.investi.com.au/api/announcements/has/03c419a2-4d6.pdf#page=12
Songwe Hill	Mkango Resources	https://mkango.ca/site/assets/files/4995/2024-q1-fs-mka.pdf	https://mkango.ca/projects/songwe/

Advancing Social Initiatives in Malawi

DY6 Metals understands the importance of community engagement across our projects

- Engagement with key stakeholders from local communities through to Government is ongoing
- All engagements are in strong standing with significant support for our projects and activities in Malawi
- The Company will advance social initiatives as we develop these projects further

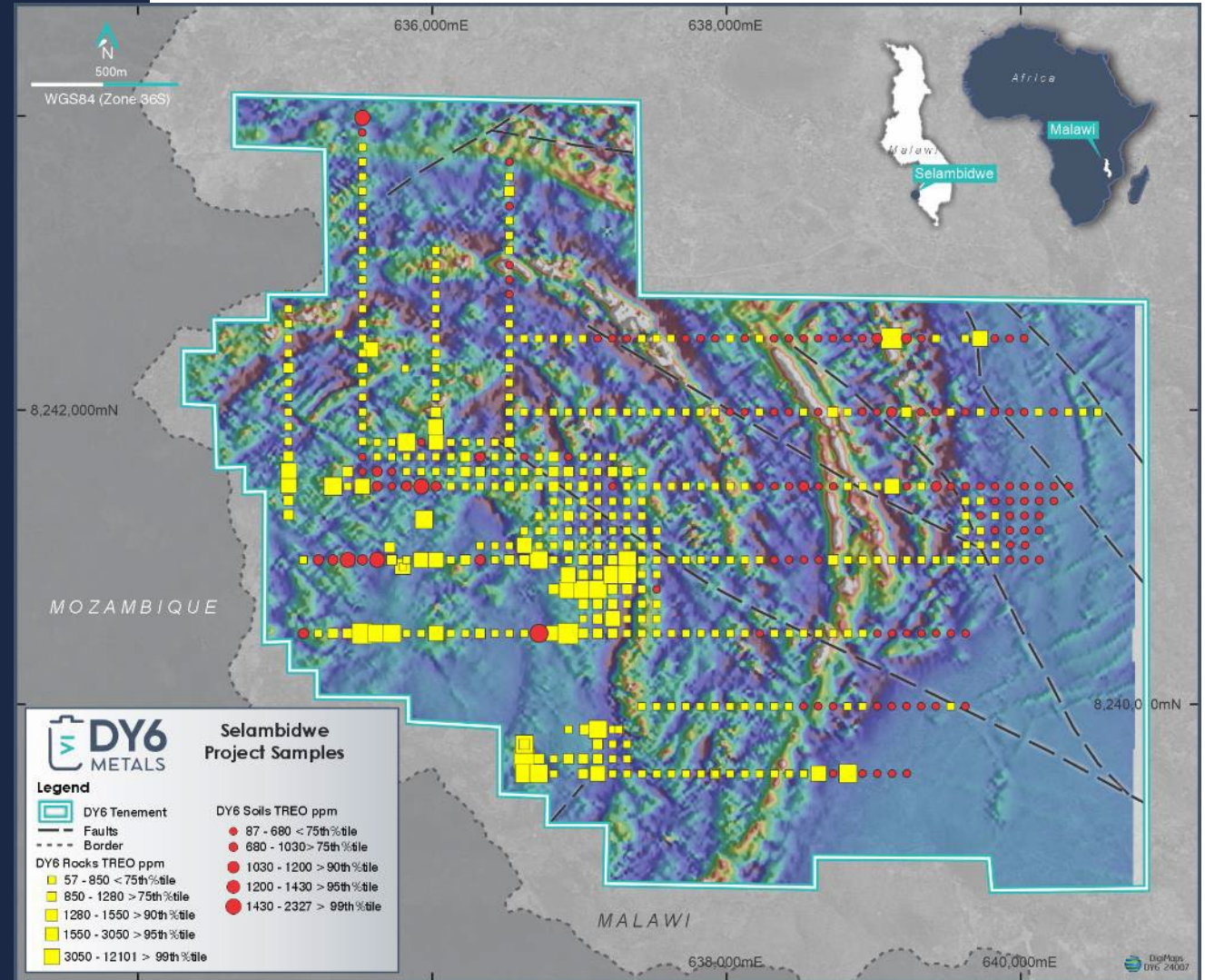


Salambidwe Project



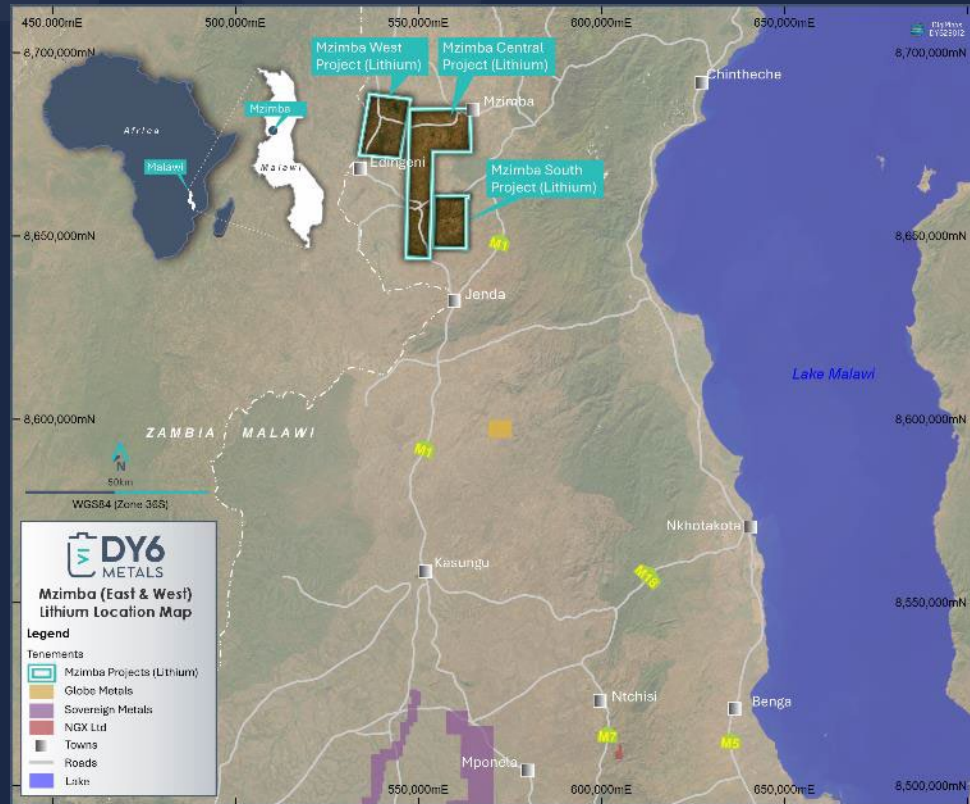
ASX:DY6

- DY6 completed geochemical and geophysical exploration programs in Dec 2023
- Sampling expanded the anomalous areas on 100m x 100m spacing and the more regional and confirmatory sampling was at 100m intervals along lines 500m apart
- Assay results received for 514 soil & rock chip samples showed up to 1.21% TREO & 0.12% Nb₂O₅
- The 45-line km high-resolution airborne electro-magnetic survey confirmed the highly concentric nature of the intrusive complex
- DY6 is currently assessing the combined geochemical & geophysical data for target generation in planning for a maiden drill program
- DY6 conducted socialisation meetings with district commissioner and chiefs of the surrounding villages within the licence area to enable exploration activities



Mzimba Lithium Project

- Application pending for exclusive prospecting licence covering 710km²
- Multiple pegmatites observed up to 500m in length with varying widths with potential to host lithium mineralisation
- One of the 7 reconnaissance rock chip samples submitted returned 6.2% LiO₂ and XRD >90% Mica composition



Observation of Lepidolite Micas and pegmatite matrix



***Disclaimer:** The Company notes that pegmatites contain varying abundances of typical LCT pegmatite non-Li-bearing minerals, predominantly feldspar, quartz, muscovite mica (as a group also referred to as Aplite) and accessory tourmaline. Investors should note that while LCT pegmatites are a known host for accessory lithium bearing minerals such as spodumene, it is also known that this is not a universal association. Visual observations of the presence of rock or mineral types and abundance should never be considered a proxy or substitute for petrography and laboratory analyses where mineral types, concentrations or grades are the factor of principal economic interest. Visual observations and estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations. At this stage it is too early for the Company to make a determinative view on the abundances of any of these minerals. These abundances will be determined more accurately through petrography, assay, and XRF analysis. The observed presence of pegmatite does not necessarily equate to lithium mineralisation. It is not possible to estimate the concentration of mineralisation by visual estimation and this will be determined by chemical analysis.



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Cautionary Statement – Observance of Pegmatites

The Company notes that pegmatites contain varying abundances of typical LCT pegmatite non-Li-bearing minerals, predominantly feldspar, quartz, muscovite mica (as a group also referred to as Aplite) and accessory tourmaline. Investors should note that while LCT pegmatites are a known host for accessory lithium bearing minerals such as spodumene, it is also known that this is not a universal association. Visual observations of the presence of rock or mineral types and abundance should never be considered a proxy or substitute for petrography and laboratory analyses where mineral types, concentrations or grades are the factor of principal economic interest. Visual observations and estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations. At this stage it is too early for the Company to make a determinative view on the abundances of any of these minerals. These abundances will be determined more accurately through petrography, assay, and XRF analysis. The observed presence of pegmatite does not necessarily equate to lithium mineralisation. It is not possible to estimate the concentration of mineralisation by visual estimation and this will be determined by chemical analysis.

Competent Persons' Statement

The information in this presentation that relates to exploration results, mineral resources or ore reserves is based on information compiled by Mr Allan Younger, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Younger is a consultant of the Company. Mr Younger has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves' (the JORC Code). Mr Younger consents to the inclusion of this information in the form and context in which it appears in this report. Mr Younger holds shares in the Company.

The exploration results contained in this presentation were first reported by the Company in its prospectus dated 3 April 2023 and announced to ASX on 27 June 2023, 6 July 2023, 12 September 2023, 3 October 2023, 10 October 2023, 26 October 2023, 4 December 2023, 11 December 2023, 15 December 2023, 29 December 2023 and 3 January 2024. The results were reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". The Company confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus or these subsequent announcements.



Competent Persons Statement (continued)

With respect to the Tundulu Project, Mr Younger has not yet visited the site or conducted an in-depth due diligence of the data presented in this announcement. Mr Younger confirms the information in this market announcement is an accurate representation of the available data for the exploration areas mentioned herein, but that further investigation is ongoing. The Information in this report that relates to Exploration Results for the Tundulu Project is extracted from the Company's announcement titled: "Additional historical drilling results confirms Tundulu REE potential", dated 27 May 2024. The Company confirms that it is not aware of any new information or data that materially affects the information included in the above original market announcement.

Cautionary Statement – Tundulu Project

Information in this release is considered as historical by nature, and while all care has been taken to review previous reports and available literature, ground testing and confirmation work is yet to be completed by the Company. The historical laboratory analysis was conducted on a range of drill core by reputable laboratories in South Africa. However, there is no guarantee that these results are representative of the Tundulu deposit until further sampling, drilling, assaying and processing test work is conducted by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in this release.

Drilling results (Exploration Results) presented in this release have not been reported previously by the former owners and operators of the Tundulu project.

As a result, the reported Exploration Results:

- Have not been reported in accordance with the JORC Code 2012 and may not conform with the JORC Code 2012.*
- A Competent Person has not done sufficient work to disclose the Exploration Results in accordance with the JORC Code 2012.*
- It is possible that following further evaluation and/or exploration work that the confidence in the prior reported Exploration Results may be reduced when reported under the JORC Code 2012.*
- Nothing has come to the attention of the Company that causes it to question the accuracy or reliability of the former owner's Exploration Results; but*
- The Company has not independently validated the former owner's Exploration Results and therefore is not to be regarded as reporting, adopting or endorsing those results.*