



Rare Earth Elements Discovery in Western Australia

Corporate Presentation - 2022

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Previous ASX Announcements and Other Reports

¹ ASX Announcement 'Significant Rare Earths Discovery: 12m at 1.12% TREO'. Kingfisher Mining Limited (ASX:KFM), 10 January 2022.

² ASX Announcement 'Maiden diamond drilling results confirm multiple copper zones at Boolaloo'. Kingfisher Mining Limited (ASX:KFM), 12 August 2021.

³ ASX Announcement 'Copper and Gold Results Confirm Mineralisation Associated with Geophysical Targets at Boolaloo'. Kingfisher Mining Limited (ASX:KFM), 27 January 2022.

[^] ASX Announcement 'Five Carbonatite Intrusions Identified at Mangaroon Project'. Drednought Resources Limited (ASX:DRE), 29 November 2021.

^{*} Simandl, G. J. & Paradis, S. 2008. Carbonatites: related ore deposits, resources, footprint, and exploration methods. Applied Earth Science, 127:4, 123-152, DOI: 10.1080/25726838.2018.1516935.

Paulsens Gold Mine and Mt Clement Project:

i. Paulsens Gold Mine past production: Northern Star Paulsens Gold Operations Fact Sheet dated July 2018: <https://www.nsrld.com/wp-content/uploads/2018/08/NSR-Paulsens-Operations-Fact-Sheet-July-2018.pdf>

ii. Paulsens Gold Mine resources: ASX Announcement "Production set to increase 30% over next two years and costs to fall 10%" released 13 August 2020. <https://www.nsrld.com/wp-content/uploads/2020/08/Resources-and-Reserves-Production-and-Cost-Guidance-Update-ex-KCGM-13-08-2020.pdf>

iii. Mt Clement resources: Artemis Resources Limited Annual Report to Shareholders for year ended 30 June 2019.

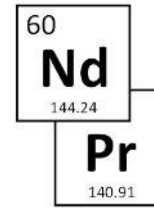
Competent Persons Statement

The information in this Presentation that relates to Exploration Results is based on information compiled by Mr James Farrell, a geologist and Executive Director / CEO employed by Kingfisher Mining Limited. Mr Farrell is a Member of the Australian Institute of Geoscientists and has sufficient experience that is relevant to this style of mineralisation and type of deposit under consideration and to the activity that is being reported on to qualify as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Farrell consents to the inclusion in the Presentation of the matters in the form and context in which it appears.

The background image shows a close-up of a mining site. In the upper left, a GPS device (MONTANA 7001) is visible, displaying coordinates (50 K 0409215, UTM 7465219) and a compass. In the lower left, a geological hammer with a blue handle and a metal head is lying on the ground. The hammer head has "KFM" written on it in blue. The ground is composed of reddish-brown soil and small rocks.

Kingfisher is a mineral exploration company committed to increasing value for shareholders through the acquisition, exploration and development of rare earth elements, copper and gold projects throughout Western Australia.

Investment Fundamentals



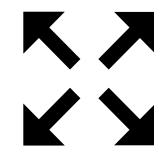
Breakthrough discovery

Greenfields rare earth elements (REE) and carbonatite discovery.



Growth opportunity

Highly prospective geology, cash reserves, tight capital structure and low enterprise value.



Large tenement holding

First mover with significant generative opportunities from 1,676km² of tenure in the Ashburton and Gascoyne provinces.



Experienced board and management team

STRONG background in METALS EXPLORATION, project development and mining operations.



Fully Funded

2022 exploration program fully funded.

Board of Directors

WARREN HALLAM

Non-Executive Chairman

Mr Hallam is a Metallurgist and a Mineral Economist and holds a Graduate Diploma in Finance. Mr Hallam has considerable technical, managerial and financial experience across a broad range of commodities being predominantly copper, nickel, tin, gold and iron ore. Mr Hallam has held numerous board positions including Directorships with Westgold Resources Limited, Aziana Limited and was the Managing Director of Metals Exploration Limited, Metals X Limited, Capricorn Metals Ltd and Millennium Minerals Limited. Mr Hallam is also a Director of NiCo Resources Limited (NC1:ASX), Nelson Resources Limited (NES:ASX) and Essential Metals Limited (ESS:ASX).

JAMES FARRELL

Executive Director and CEO

Mr Farrell is an exploration and resource development geologist with 20 years' experience in the resource industry in Australia, Africa and Asia. Mr Farrell has significant experience with project generation, multidisciplinary project development studies, project development strategy and technical due diligence for company mergers, project acquisition and project divestment.

SCOTT HUFFADINE

Non-Executive Director

Mr Huffadine is a Geologist with more than 28 years' experience in the resource industry, specifically project management, geology and executive management. Mr Huffadine has held several key management positions ranging from operational start-ups involving open pit and underground mining projects, through to large integrated operations in gold and base metals. He was previously Managing Director of Kingsrose Mining Limited, an Executive Director of Metals X Limited and Managing Director of Westgold Resources Limited. He is also a Director of Pantoro (PNR:ASX) and Alternate Director of Maximus Resources (ASX:MXR).

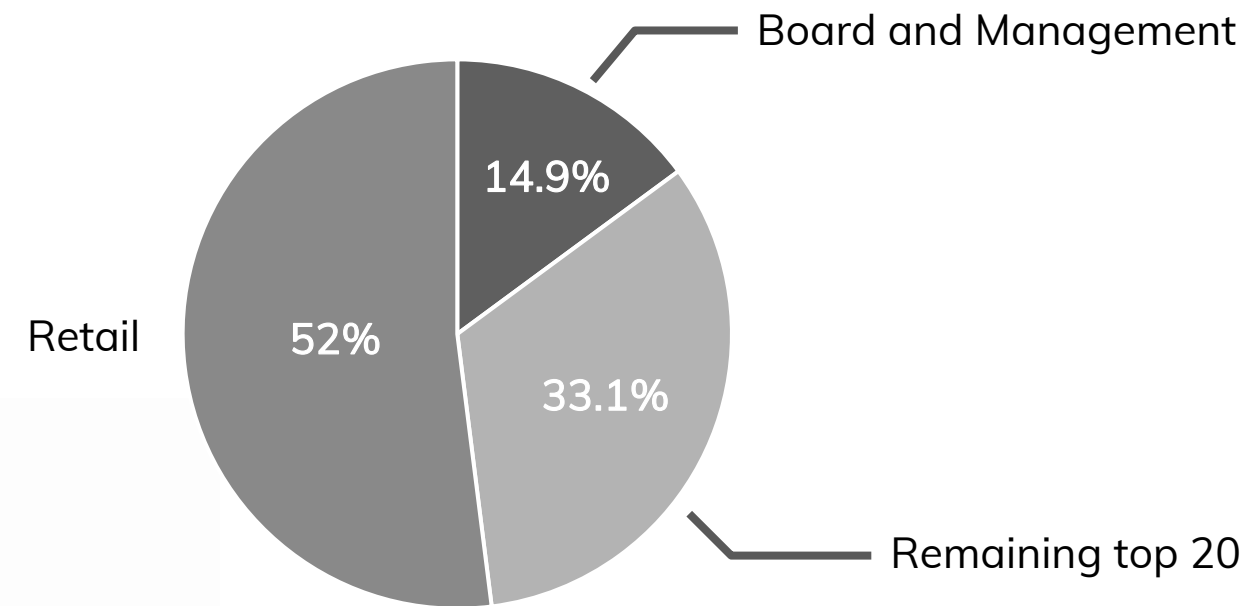
ADAM SCHOFIELD

Non-Executive Director

Mr Schofield is a mining company executive with over 20 years experience in the resources sector in Australia and Africa. He has significant experience in conducting feasibility studies and taking projects from feasibility stage into operations. He has extensive experience in Gold, Copper, Mineral Sands and Iron Ore. He is also a Director of Nelson Resources Limited (NES:ASX) and Heavy Minerals Limited (HVV:ASX).

Corporate Overview

SHAREHOLDERS



CAPITAL STRUCTURE



Shares on Issue 42,250,001

Unlisted options 10,500,000

Total Shares (Fully Diluted) 52,750,001

ASX Code
KFM

Shares on Issue
42,250,001

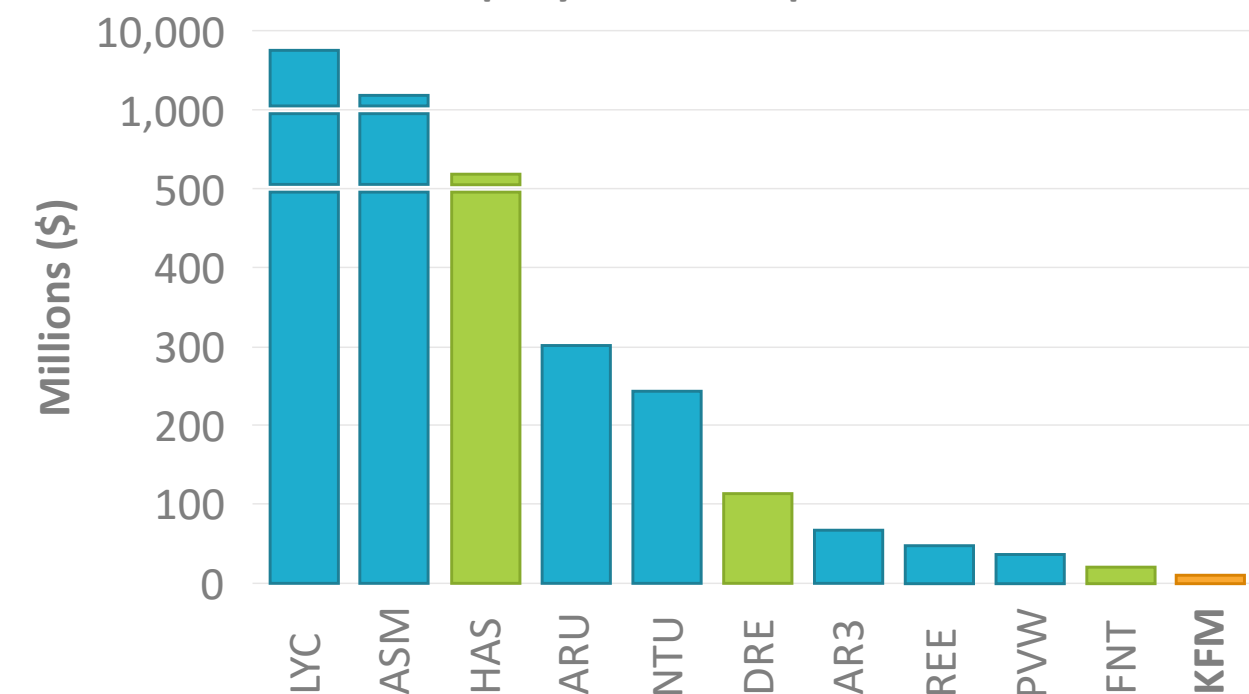
Market Cap
\$11.0M

Cash
\$3.2M

Debt
Nil

EV
\$7.8M

REE Company Market Capitalisations



Exploration Projects

Significant discovery, known mineralisation and pipeline of generative opportunities in underexplored areas

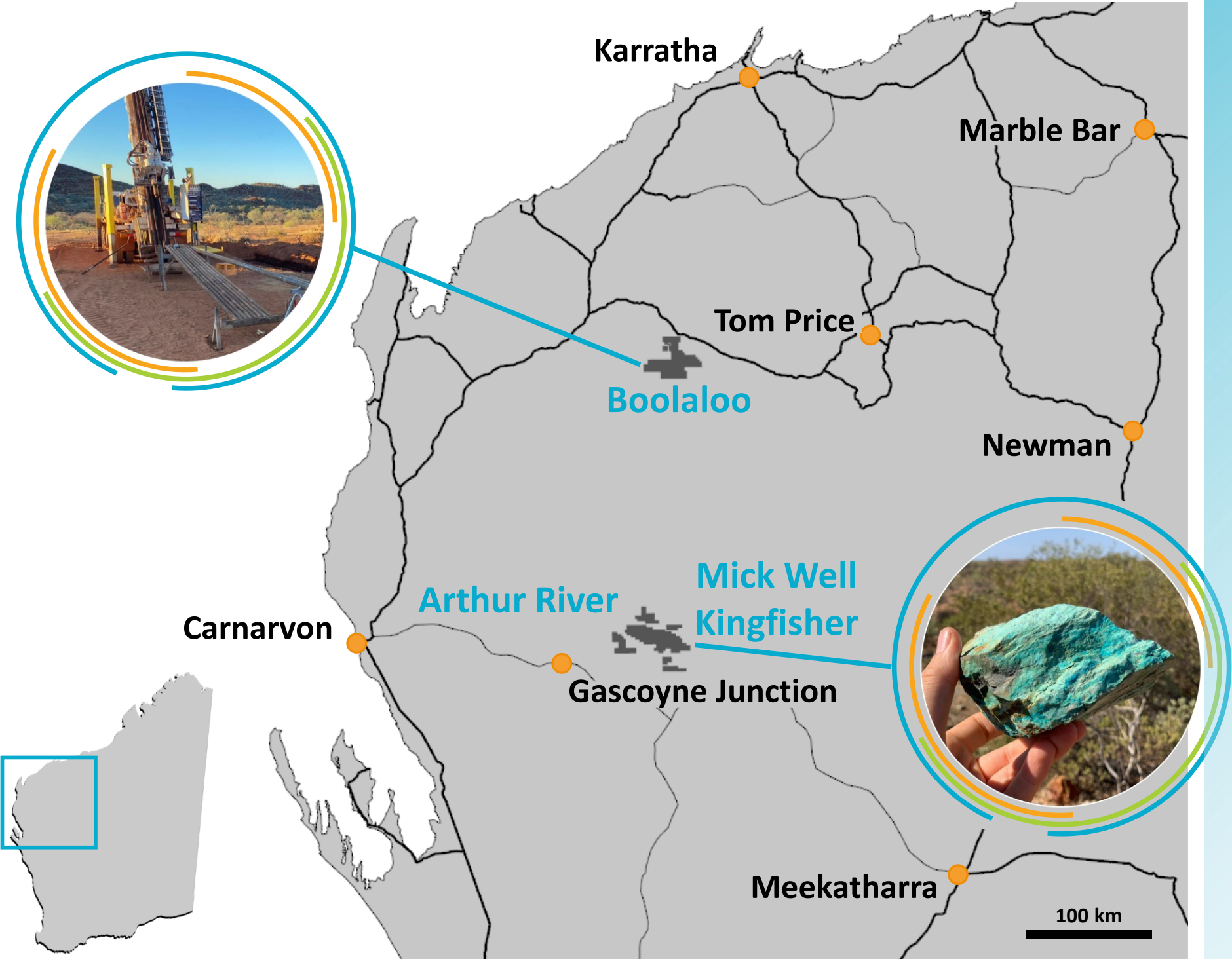
GASCOYNE MINERAL FIELD

- Rare earth elements discovery
- Highly prospective projects
- Large tenement holding



ASHBURTON MINERAL FIELD

- Established copper and gold prospects
- New discoveries
- Historic copper mines



Gascoyne REE Discovery

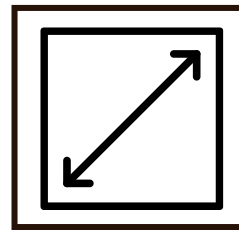
Kingfisher, Mick Well and Arthur River Projects



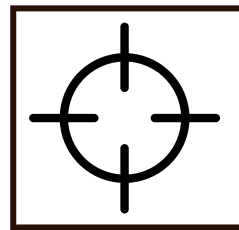
80km northeast of the Gascoyne Junction and 100km south of the world-class Yangibana Deposit (Hastings) and Yin Project (Dreadnought).



Breakthrough discovery of carbonatites with associated alteration and REE mineralisation.



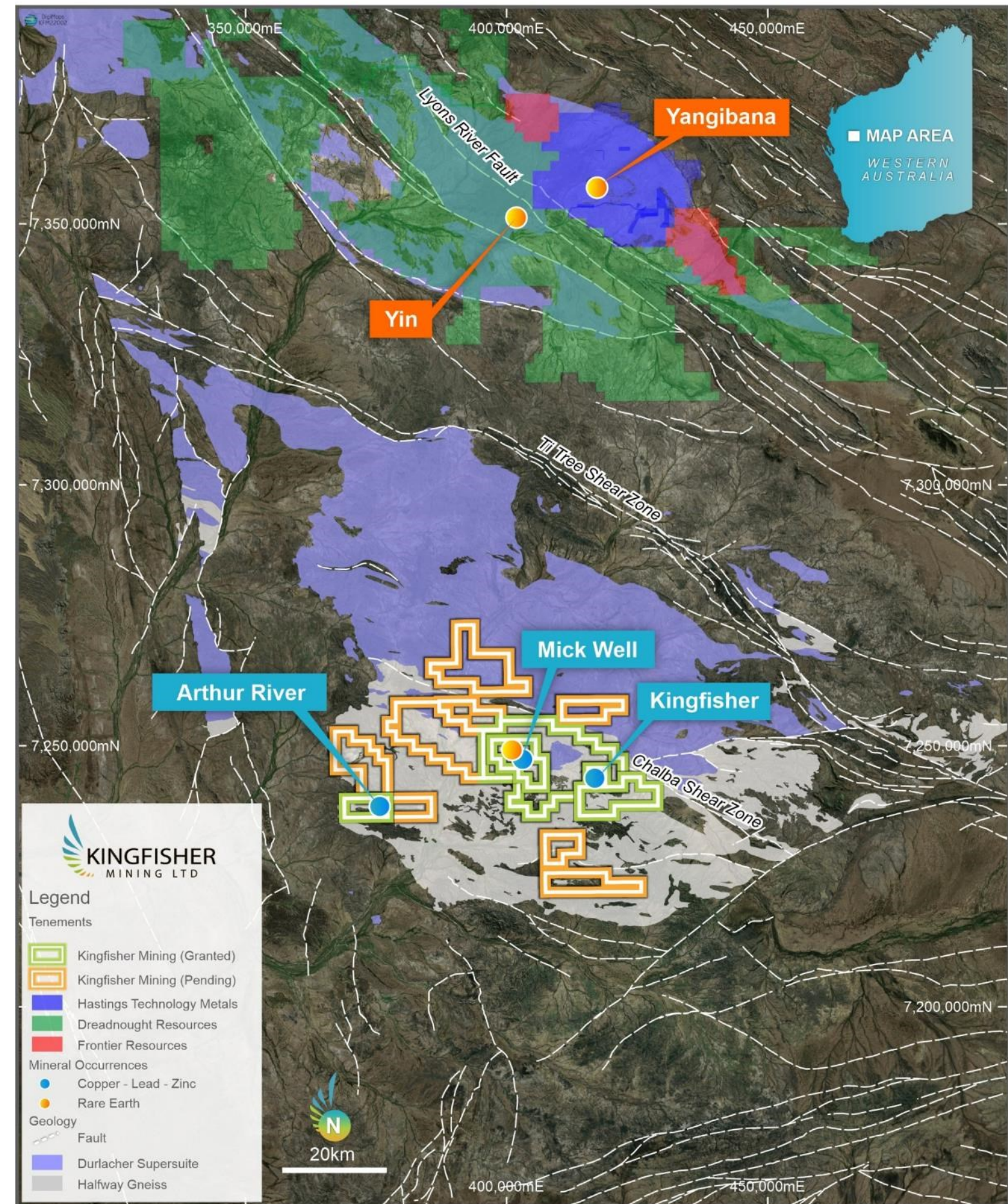
Large tenement holding, with 969km² of exploration tenure.



Exploration targeting the Durlacher Suite and Halfway Gneiss.



Full year of exploration activity planned.



Kingfisher and Mick Well Projects

Greenfields REE discovery



VTEM Survey flown in 2021:
800 line km



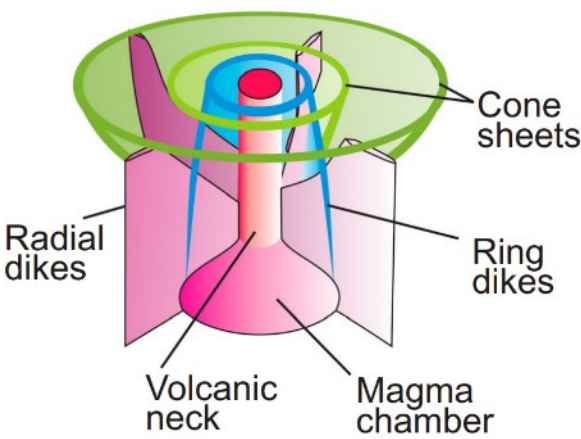
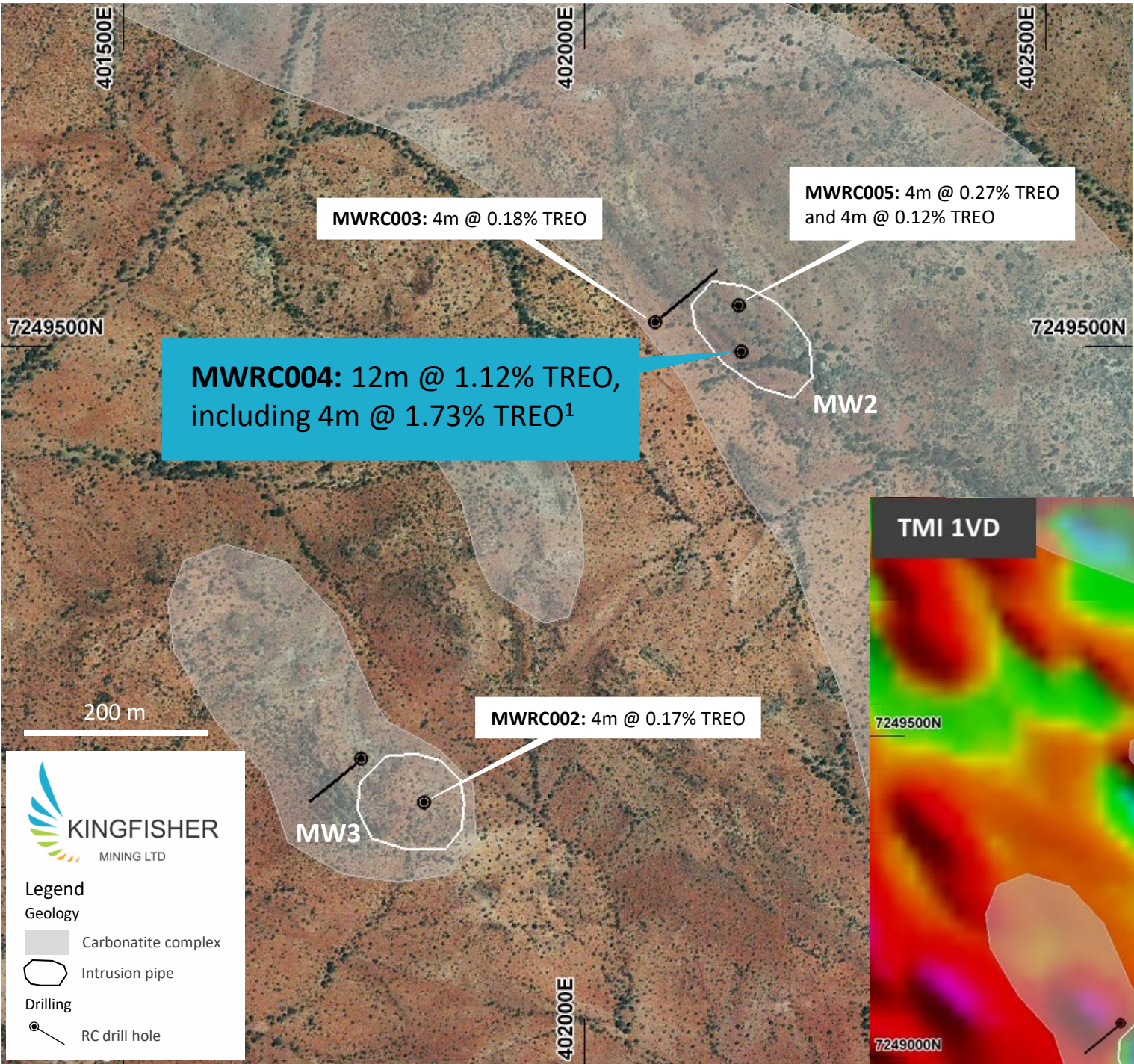
4 targets drilled in 2021,
significant REE results returned



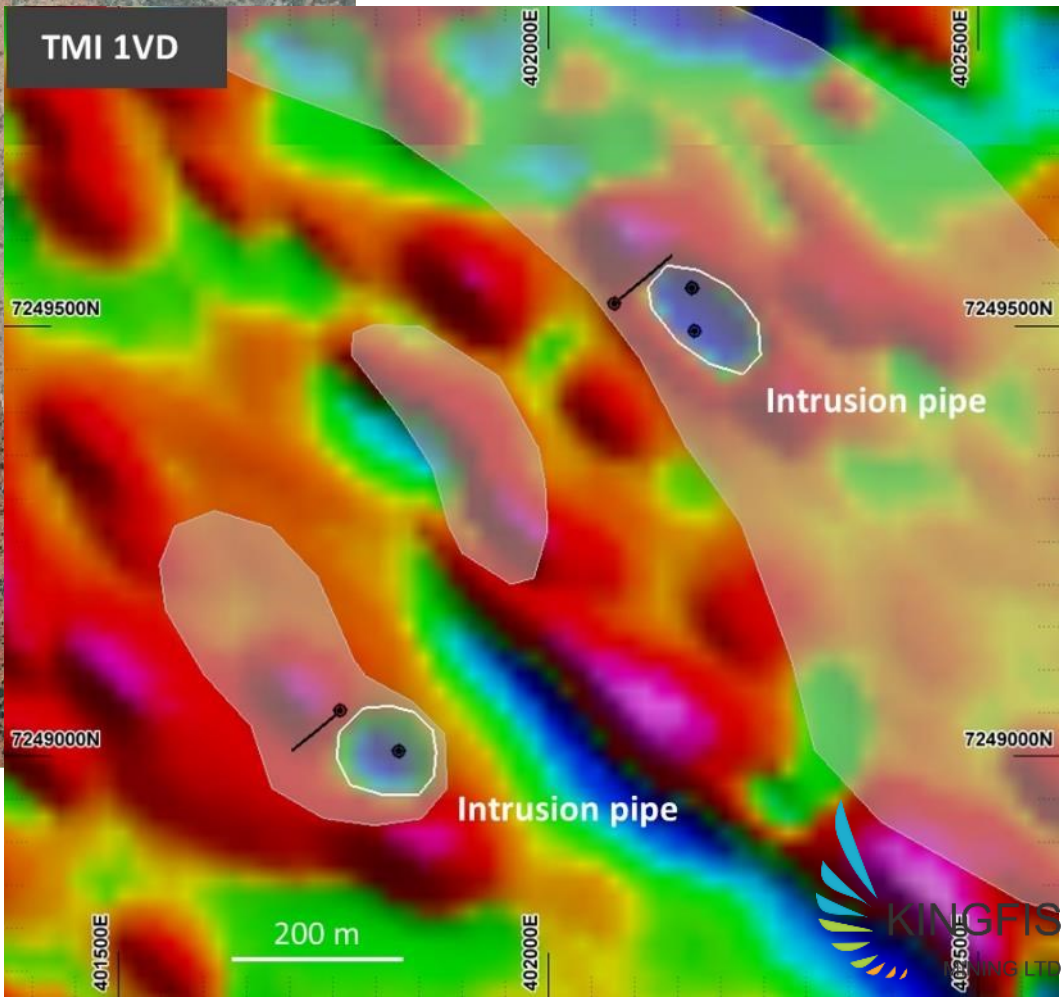
Targeting and mapping has
identified more than 20
carbonatite outcrops in 5
clusters



Highly Prospective: 9% of
carbonatites worldwide are in
production or have been in
production*



3D carbonatite complex schematic*

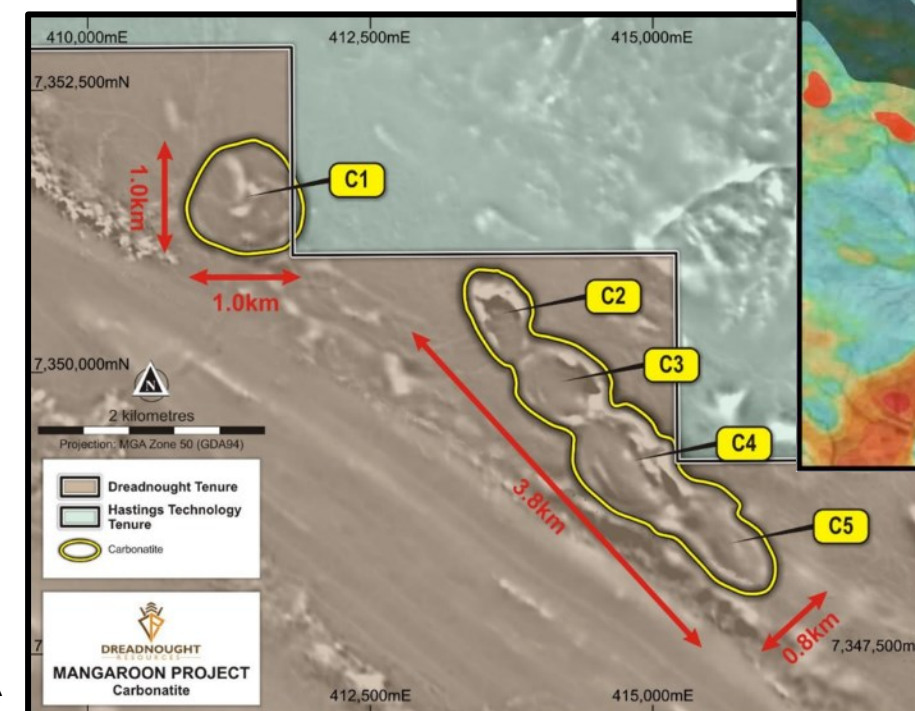
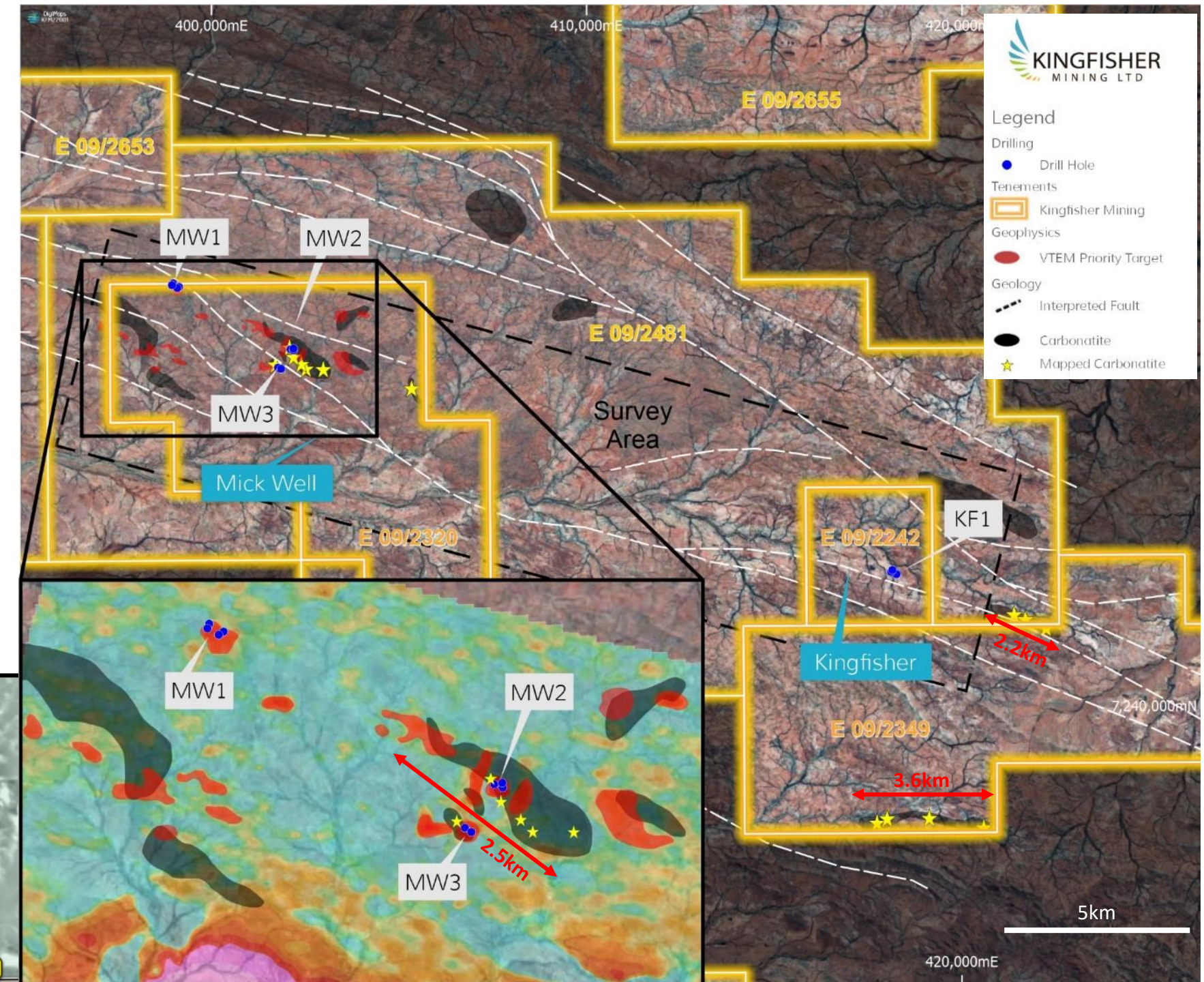


¹ ASX Announcement (ASX:KFM): 'Significant Rare Earths Discovery: 12m at 1.12% TREO' dated 10 January 2022.
* Simandl & Paradis, 2018.

Kingfisher and Mick Well Projects

Highly prospective geology with an exciting exploration target pipeline

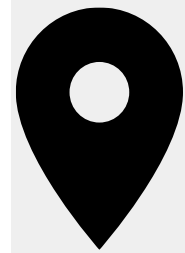
- Geological setting of Mick Well, Kingfisher and Kingfisher South similar to Yin and Yangibana.
 - All projects associated with Durlacher Supersuite rocks.
 - Kingfisher projects associated with crustal scale Chalba Fault.
 - Yin and Yangibana associated with crustal scale Lyon's River Fault.
- Scale of Mick Well, Kingfisher and Kingfisher South carbonatite complexes similar to Mangaroon carbonatite intrusions.
- Significant potential for identification of more carbonatite intrusions, with interpreted mineralisation corridor strike length greater than 50km.



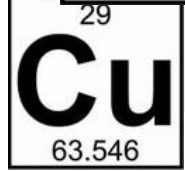
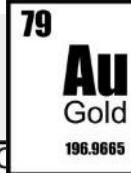
Mangaroon Carbonatite Intrusions (Yin Project)[^]

Boolaloo

Demonstrated copper-gold mineralisation and large landholding in an emerging region



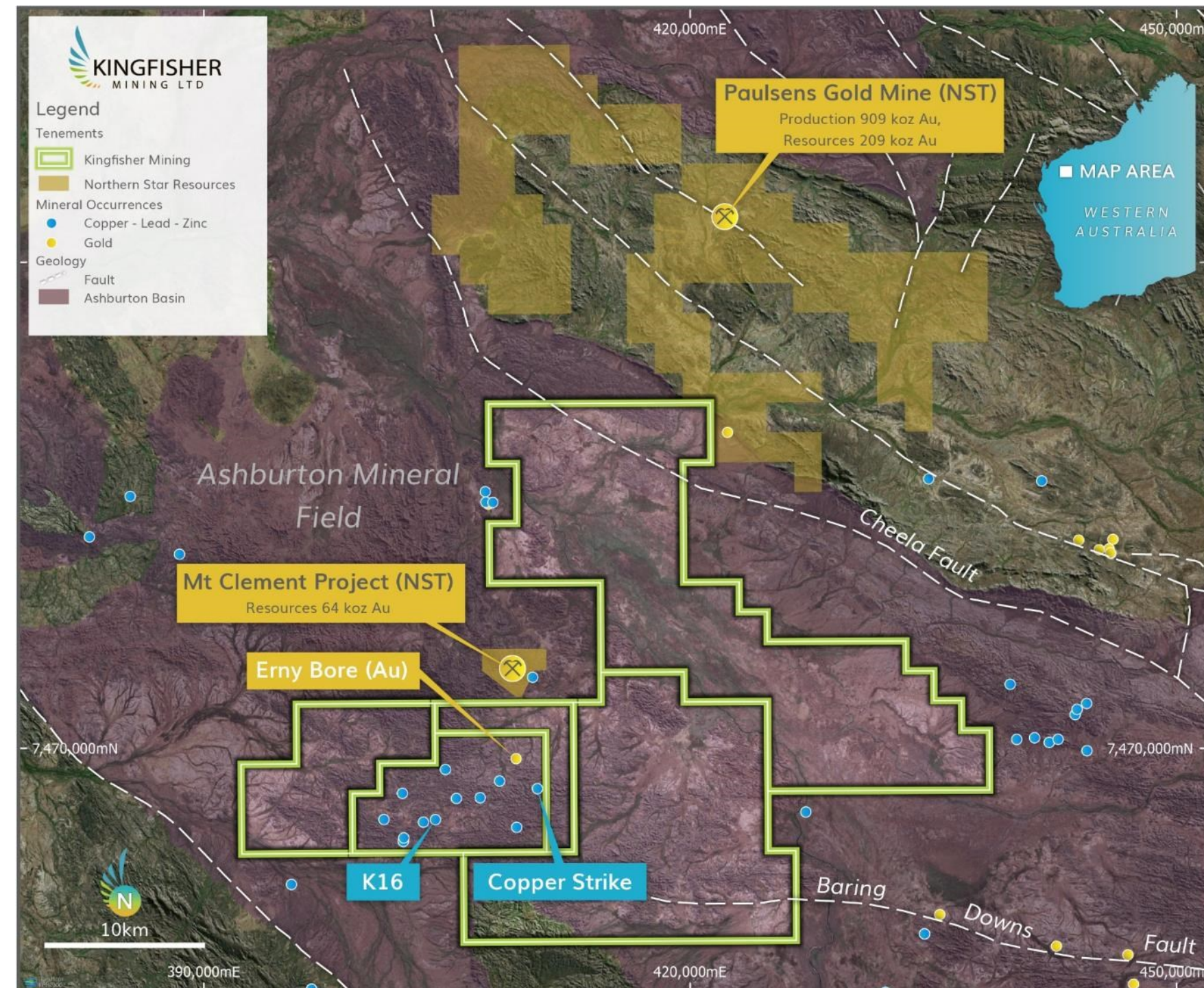
160km west of Paraburdoo
35km southwest of the Paulsens gold mine
in the Ashburton Mineral Field.



Underexplored and prospective for
sediment-hosted and shear-associated
Cu, Cu-Au and Au mineralisation.



Significant tenement holding, with 707km² of
granted tenure.



Refer to disclosures slide for past productionⁱ and resourcesⁱⁱ of Paulsens Gold Mine and Mt Clement Projectⁱⁱⁱ.

Boolaloo - Six Targets Drilled in 2021

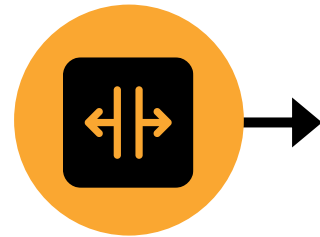
New discoveries and known mineralisation from past exploration success



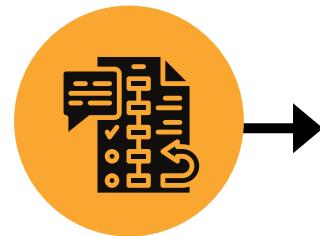
900 line VTEM Survey flown in 2021



Six targets drilled in 2021 with new discoveries



Significant strike lengths of mineralisation over 1.5km at K15 and K16

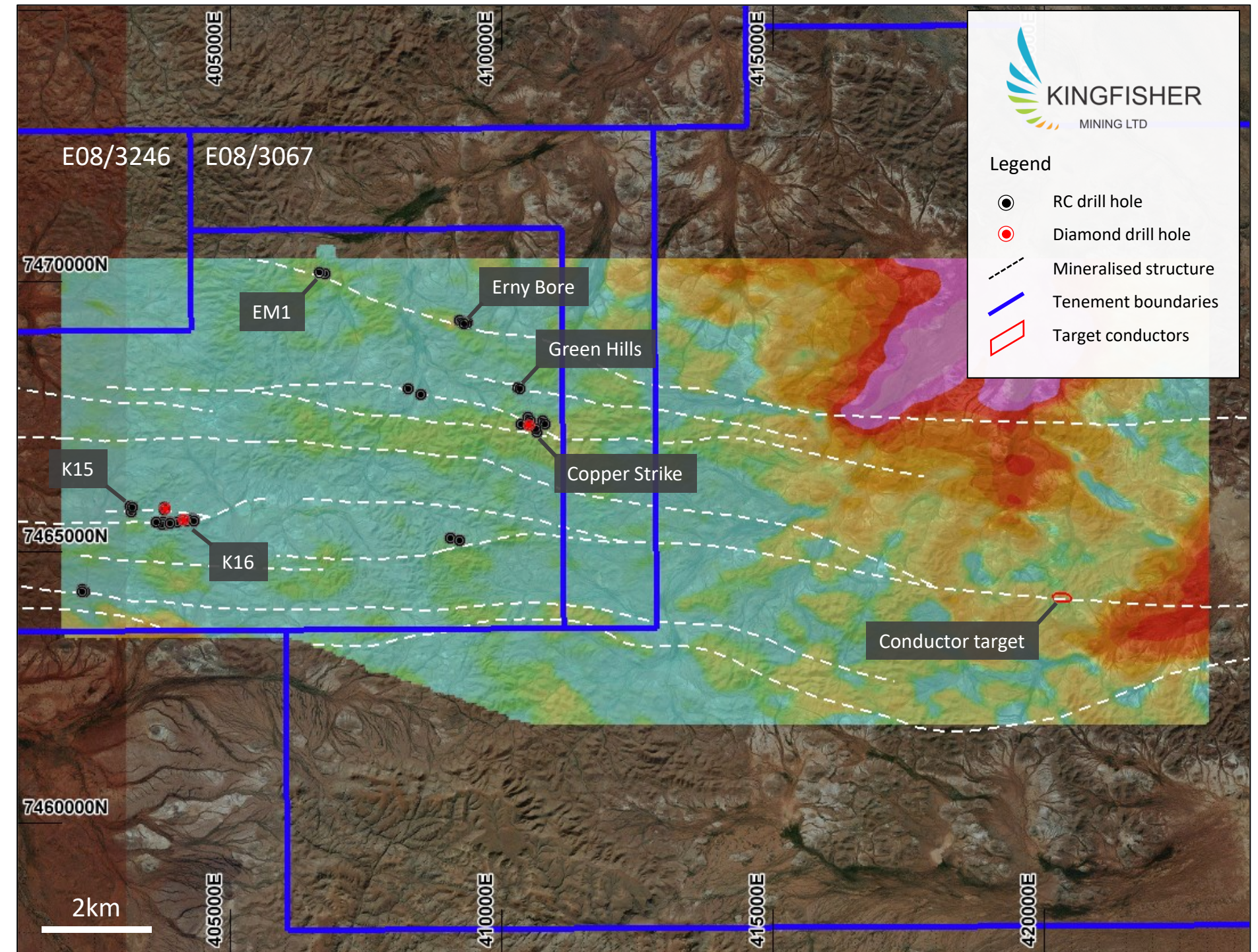


Initial drilling returned significant results.

Copper Strike: 10.05m at 0.84% Cu and 0.11 g/t Au including 2.7m at 1.45% Cu and 0.14 g/t Au and 0.85m at 2.68% Cu and 0.49 g/t Au².

Green Hills: 12m at 0.72% Cu and 0.14 g/t Au, including 4m at 1.16% Cu and 0.27 g/t Au³.

Erny Bore: 2m at 0.95% Cu and 0.40g/t Au, including 1m at 1.73% Cu and 0.78g/t Au³.

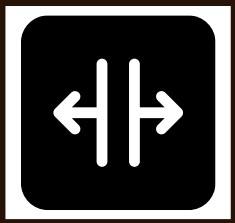


² ASX Announcement (ASX:KFM): 'Maiden diamond drilling results confirm multiple copper zones at Boolaloo' dated 12 August 2021.

³ ASX Announcement (ASX:KFM): 'Copper and Gold Results Confirm Mineralisation Associated with Geophysical Targets dated 27 January 2022.'

Boolaloo - Significant Exploration Potential

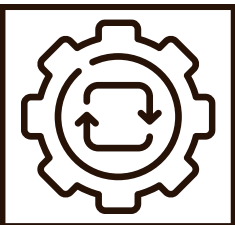
Greenfields pipeline with discovery potential



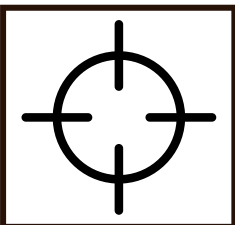
Strike length of 30km of Boolaloo target structures and stratigraphy.



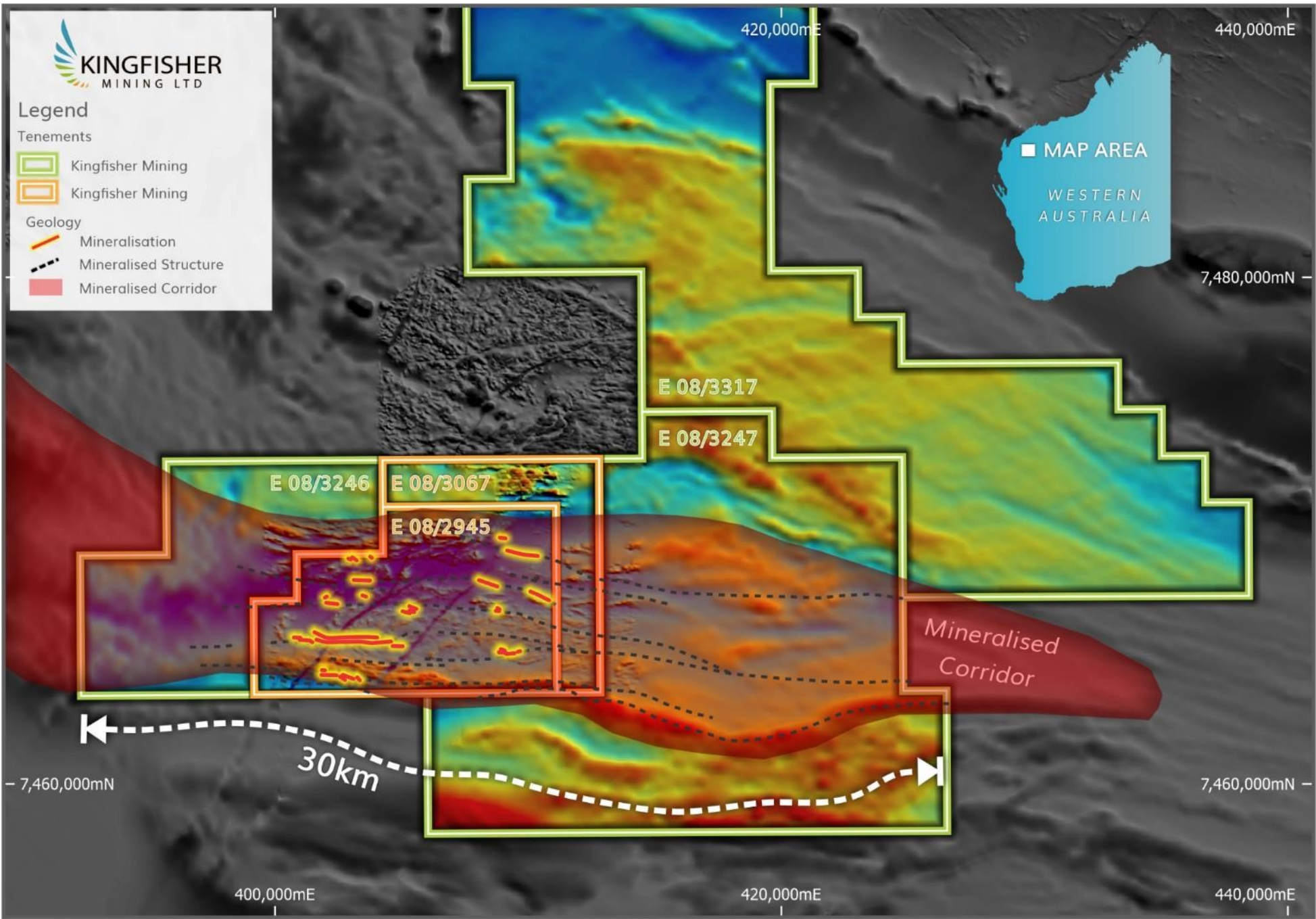
Knowledge gained from K15, K16 & Copper Strike applied to new target areas.



Airborne electromagnetics, magnetics and reprocessed hyperspectral survey successfully driving for targeting and new discoveries.



Carlin-type gold deposit potential for E08/3317 in the Duck Creek Dolomite and Cheela Fault.





2022 Exploration Program

2022 Exploration

Progressing and developing a pipeline of high-quality REE and copper targets.

- RC drill rig booked for REE follow-up drill program in April 2022.
- Significant on-ground mapping and sampling programs to rapidly progress targets for drilling.
- Project-wide airborne magnetics and radiometrics.
- Full exploration program milestones with focus on REE to be announced shortly.





Investment Highlights

- Breakthrough greenfields **REE** and **carbonatite** discovery.
- **Highly prospective** geology with significant pipeline of generative opportunities in underexplored areas.
- First mover advantage with significant **strategic land-holding**.
- **Growth opportunity**, with tight capital structure, cash reserves and low enterprise value.
- **Full schedule** of exploration and development work, including drill programs, on-ground geology work and airborne geophysics.
- 2022 exploration activities **fully funded**.

Contact Us

Reach out to us for inquiries or comments.

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