DREADNOUGHT RESOURCES

Finding the Metals for Our Future

AUSTRALIAN GOLD CONFERENCE
28 AUGUST 2024

ASX:**DRE**

Disclaimer

Refer to Dreadnought announcements for JORC Table 1 and Table 2 for results and information contained in this presentation.

Central Yilgarn Project

27 April 2021	Illaara Update and Regional Target Generation
31 May 2021	Drilling Results – Illaara Au-Cu-Iron Ore Project
7 July 2021	High-Grade Tantalum Results from Peggy Sue – Illaara Project
1 August 2022	Completion of Acquisition – Central Yilgarn Project
1 November 2022	Successful Drill Results Across Multiple Metals
27 April 2022	Initial High-Grade Resource at Metzke's Find
8 February 2024	Seven Camp Scale Gold Prospects at Central Yilgarn

Kimberley Project

25 August 2021	RC Results from Orion, Grant's Find & Fuso Indicate Large Cu-u-Ag-Co System
27 August 2021	Bonanza Grade Cu-Ag-Sb-Bi Mineralisation at rough Triangle
15 November 2021	High-Grade Cu-Ag-Au-Co Discovery at Orion
8 December 2021	Further High-Grade Cu-Ag-Au-Co-Zn Orion Discovery
22 June 2022	Orion Auger Program – Taraji-Yampi Project
20 June 2023	Highly Conductive Anomalies Enhance Orion Look-Alikes– Taraji-Yampi Project

Mangaroon Project

7 April 2021	Option/JV Agreement Signed with Global Base Metal Miner
16 July 2021	~1km Long Gossanous Ni-Cu-PGE Outcrop at Mangaroon
19 July 2021	High-Grade REE Ironstones Confirmed Over 2.5kms at Mangaroon
1 September 2021	Encouraging Results for Rare Earths at Yin
9 September 2021	Four New REE Ironstones Discovered at Mangaroon
2 February 2022	Rare Earths, Phosphate, Niobium & Zirconium Results from Mangaroon
14 February 2022	Conductors Defined along the Money Intrusion – Mangaroon FQM JV
16 June 2022	First Drilling at Yin Intersects High-Grade Rare Earths
28 July 2022	Assays Confirm Yin as a High-Grade Rare Earth Discovery
5 September 2022	Further Assays Confirm Yin as A Significant REE Discovery
12 October 2022	Broad, High-Grade Assays at Yin REE Discovery – Mangaroon
17 October 2022	Mineralised Carbonatites Discovered at C3 and C4 – Mangaroon
24 October 2022	Broad, High-Grade Assays at Yin REE Discovery – Mangaroon
10 November 2022	Exploration Update Mangaroon Ni-Cu-PGE
21 November 2022	Broad, High-Grade Assays at Yin REE Discovery – Mangaroon
28 December 2022	Initial High-Grade, Independent Resource Over 3kms at Yin
24 January 2023	Carbonatite Discovery Shaping up as Regional Rare Earth Source
27 January 2023	Mineralised REE Ironstones increased by 13kms to 43kms
13 February 2023	Rare Earth Ironstone Exploration Target Defined
13 March 2023	Successful Yin Extensional Drilling Results – Mangaroon
3 April 2023	Carbonatites deliver thick near surface REE Results
29 May 2023	Metallurgical Test work Supports High Grade Concentrate
6 June 2023	Mangaroon Gold Review and Further Consolidation
13 June 2023	Yin Extended by 1km & 2.5km of High Grade NdPr Discoveries
5 July 2023	40% Increase in Resource Tonnage at Yin
10 July 2023	High Grade Rare Earth & Niobium Zones at C3 & C5
13 September 2023	Highest Grades to date from Yin Infill Drilling
2 October 2023	Mangaroon Carbonatite now >17km – Higher Grade Zones Fingerprinted
16 October 2023	100m Thick Rare Earth Intercepts from Yin
30 November 2023	Large, High Confidence Yin Ironstone Resource
6 December 2023	Gifford Creek REE-Nb-P-Ti-Sc Carbonatite Drilling Update
11 December 2023	Thick, High-Grade Gold Including 7m @ 23.0g/t Au
22 January 2024	Star of Mangaroon Extended
6 June 2024	Gifford Creek REE-Nb Carbonatite Update
18 June 2024	Tiger Cu-Au-Zn-Ag Gossan Confirmed over 500m
19 June 2024	Drilling Extended for Nb-REE and Cu-Au Targets

Bresnahan REE-Au Project

8 February 2023	Bresnahan Emerging As a Light & Heavy Rare Earth Province
26 October 2023	Significant HREE, Gold & Uranium Potential

This presentation has been prepared by Dreadnought Resources Limited (Dreadnought or the Company). It contains general information about the Company's activities current as at the date of the presentation. The information is provided in summary form and does not purport to be complete. This presentation is not to be distributed (nor taken to have been distributed) to any persons in any jurisdictions to whom an offer or solicitation to buy shares in the Company would be unlawful. Any recipient of the presentation should observe any such restrictions on the distribution of this presentation and warrants to the Company that the receipt of the presentation is not unlawful. It should not be considered as an offer or invitation to subscribe for or purchase any securities in the Company or as an inducement to make an offer or invitation with respect to those securities. No agreement to subscribe for securities in the Company will be entered into on the basis of this presentation or any information, opinions or conclusions expressed in the course of this presentation. This presentation is not a prospectus, product disclosure document or other offering document under Australian law or under any other law. It has been prepared for information purposes only. This presentation contains general summary information and does not take into account the investment objectives, financial situation and particular needs of any individual investor. It is not financial product advice and investors should obtain their own independent advice from qualified financial advisors having regard to their objectives, financial situation and needs. Dreadnought nor any of their related bodies corporate is licensed to provide financial product advice. This presentation and information, opinions or conclusions expressed in the course of this presentation contains forecasts and forward-looking information. Such forecasts, projections and information are not a guarantee of future performance, involve unknown risks and uncertainties. Actual results and developments will almost certainly differ materially from those expressed or implied. There are a number of risks, both specific to Dreadnought, and of a general nature which may affect the future operating and financial performance of Dreadnought, and the value of an investment in Dreadnought including and not limited to title risk, renewal risk, economic conditions, stock market fluctuations, commodity demand and price movements, timing of access to infrastructure, timing of environmental approvals, regulatory risks, operational risks, reliance on key personnel, reserve estimations, native title risks, cultural heritage risks, foreign currency fluctuations, and mining development, construction and commissioning risk. You should not act or refrain from acting in reliance on this presentation, or any information, opinions or conclusions expressed in the course of this presentation. This presentation does not purport to be all inclusive or to contain all information which its recipients may require in order to make an informed assessment of the prospects of Dreadnought. You should conduct your own investigation and perform your own analysis in order to satisfy yourself as to the accuracy and completeness of the information, statements and opinions contained in this presentation before making any investment decision. Recipients of this presentation must undertake their own due diligence and make their own assumptions in respect of the information contained in this presentation and should obtain independent professional advice before making any decision based on the information. No representation or warranty, express or implied, is made in relation to the fairness, accuracy or completeness of the information, opinions and conclusions expressed in the course of this presentation. To the maximum extent permitted by law, no representation, warranty or undertaking, express or implied, is made and, to the maximum extent permitted by law, no responsibility or liability is accepted by the Company or any of its officers, employees, agents or consultants or any other person as to the adequacy, accuracy, completeness or reasonableness of the information in this presentation. To the maximum extent permitted by law, no responsibility for any errors or omissions from this presentation whether arising out of negligence or otherwise is accepted. An investment in the shares of the Company is to be considered highly speculative. The exploration targets or conceptual exploration targets in this presentation or expressed during the course of this presentation are subject to completion of the necessary feasibility studies, permitting and execution of all necessary infrastructure agreements. This presentation and information, opinions or conclusions expressed in the course of this presentation should be read in conjunction with Dreadnought's other periodic and continuous disclosure announcements lodged with the ASX, which are available on the Dreadnought website. They involve risk and uncertainties that could cause actual results to differ from estimated results. Forward-looking statements include, but are not limited to, statements concerning the Company's exploration programme, outlook and target sizes. They include statements preceded by words such as "potential", "target", "scheduled", "planned", "estimate", "possible", "future", "prospective" and similar expressions.

Competent Person's Statement

The information in this announcement that relates to geology and exploration results and planning was compiled by Mr. Dean Tuck, who is a Member of the AIG, Managing Director, and shareholder of the Company. Mr. Tuck has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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. Tuck consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information in the original reports, and that the forma and context in which the Competent Person's findings are presented have not been materially modified from the original reports. (referencing historic and new company announcements).

Dreadnought Resources Snapshot

Capital Structure	
ASX Code	**DRE**
Share Price (27/08/2024)	**$0.017**
Shares on Issue	**3,733M**
Market Cap	**~$63.6M**
Cash (30/6/2024 + Cap Raise)	**~$5.1M**
Unlisted Securities	**37M**
Liquidity (90-day average)	**~$0.1M / day**

Highly active West Australian mineral explorer focused on discovering the metals needed for our future

Board and Management with Skin in the Game
$6.8M Cash invested
~15% Shareholding

Money in the Ground
>85% Money raised to date spent on exploration

Join our Investor Hub
Be the first to get notified about news, updates and announcements

Consistent News Flow
Average ~1 Announcement per week

Mineral Explorer
with Multicommodity Optionality and a Track Record of Discovery

Analyst Coverage
Canaccord Genuity
Paul Howard

SIGN UP

investorhub.dreadnoughtresources.com.au

Gold

Gold*

Niobium

ASX:**DRE**

DREADNOUGHT RESOURCES

Strategy and Focus

For the remainder of 2024

Donald, of Mangaroon station, north of Gascoyne Junction, about 630 miles north of Perth, named his mine Star of Mangaroon.

While boating up a creek in the area he found a gold-bearing stone outcrop.

"I sent the first sample of ore to Perth to be assayed and was staggered to find that it went 10oz 7dwt to the ton," he said.

On the bottom of the assayer's report was written, "If you don't start working this I'll come up and do it myself."

McDonald pegged a prospecting area of 24 acres and started working the mine on May 30, 1960.

In November that year the first trial crushing went through the old battery at the mining ghost town of Peak Hill, more than 300 miles from Mangaroon.

The result from 38 tons of ore was a staggering 145oz of gold.

Two shafts

In June, 1961, 60 tons of ore was crushed at the Meekatharra State Battery and 251oz of gold was won.

The next five crushings at Meekatharra produced a total of 868oz of gold and the most recent crushing, last month, produced 237oz from 95 tons of ore.

All the ore was carted 365 miles across rugged tracks by road trains to Meekatharra at the cost of £3 a ton.

GRAZIER TELLS HOW HE STRUCK IT RICH WHILE HE WAS ROWING UP A CREEK ON HIS PROPERTY

How I found gold fortune

SPECIAL REPORTER

PERTH, Sat. — A West Australian grazier today told how he found more than £20,000 worth of gold on his station.

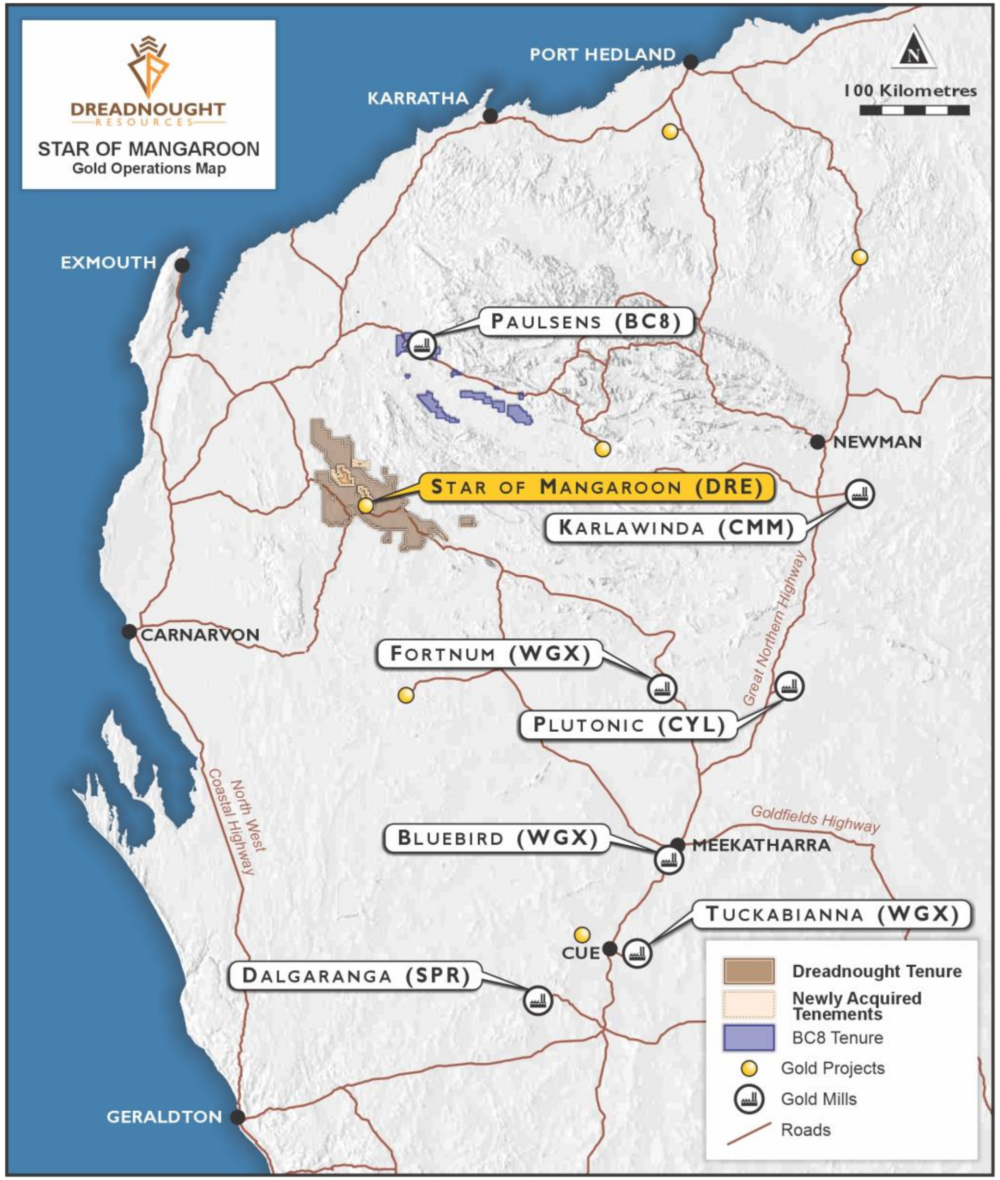
DREADNOUGHT RESOURCES

Mangaroon Gold

Near term development and commercialisation

ASX:**DRE**

Gold Commercialisation Strategy

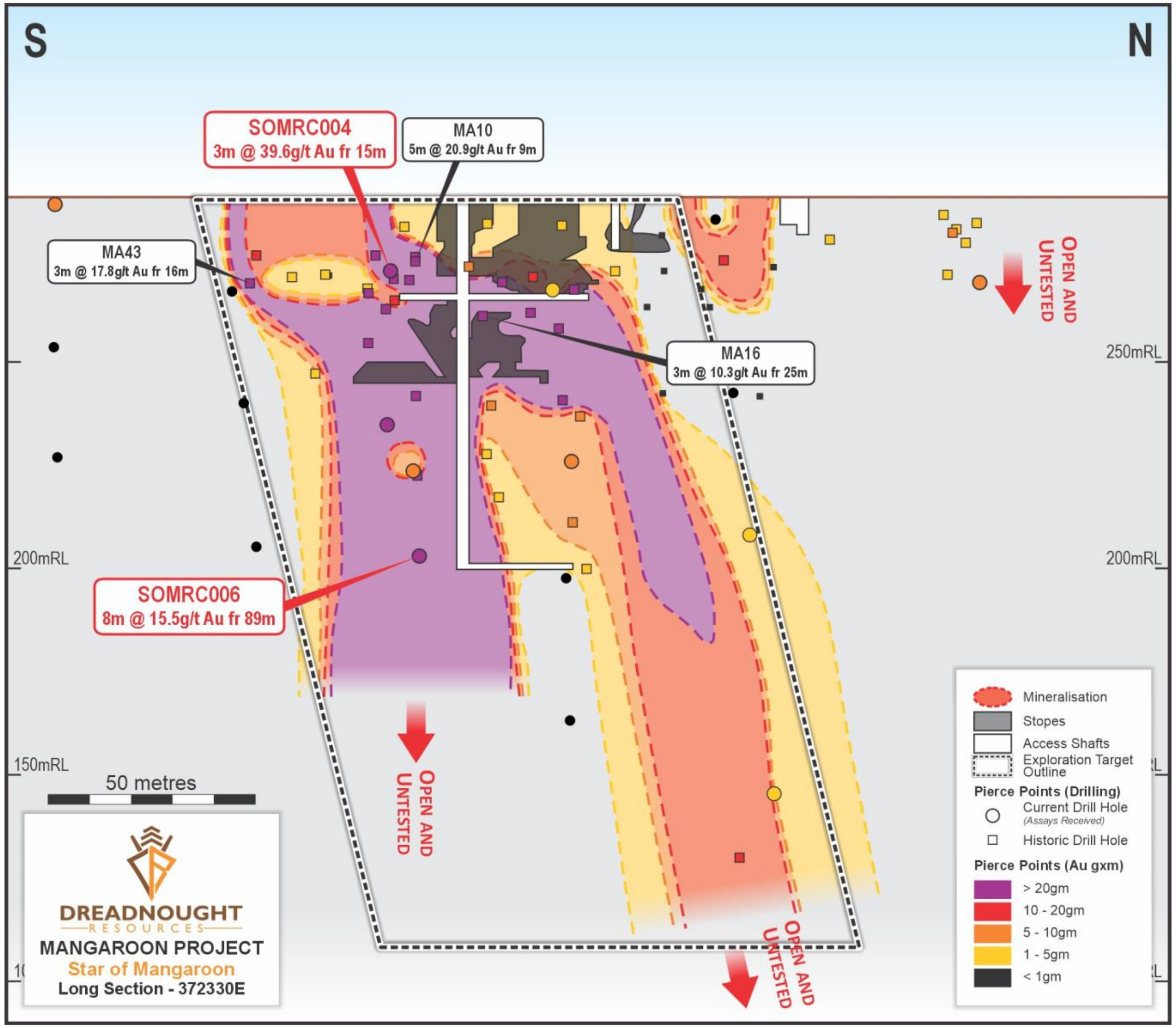


Transform into self-funded explorer

- Star of Mangaroon is a high grade, at surface, opportunity
- Camp scale potential with 5 historical mines and multiple gold workings along structural corridors.
- Paulsens mill within trucking distance
  - 300kms buy road, same as Vivien (5.7g/t) to Mt Magnet Mill
- Mining tenements already granted, heritage agreements in place, short approval time frame
  - Targeting late 2025 commencement
- Conceptual open pit model looks encouraging
- Outsource funding, development, haulage and processing
  - Common model in WA

Allows DRE to focus on discovering the next major high-grade discovery while being able to commercialise along the way.

Star of Mangaroon – High-Grade Open Pit Potential



Star of Mangaroon

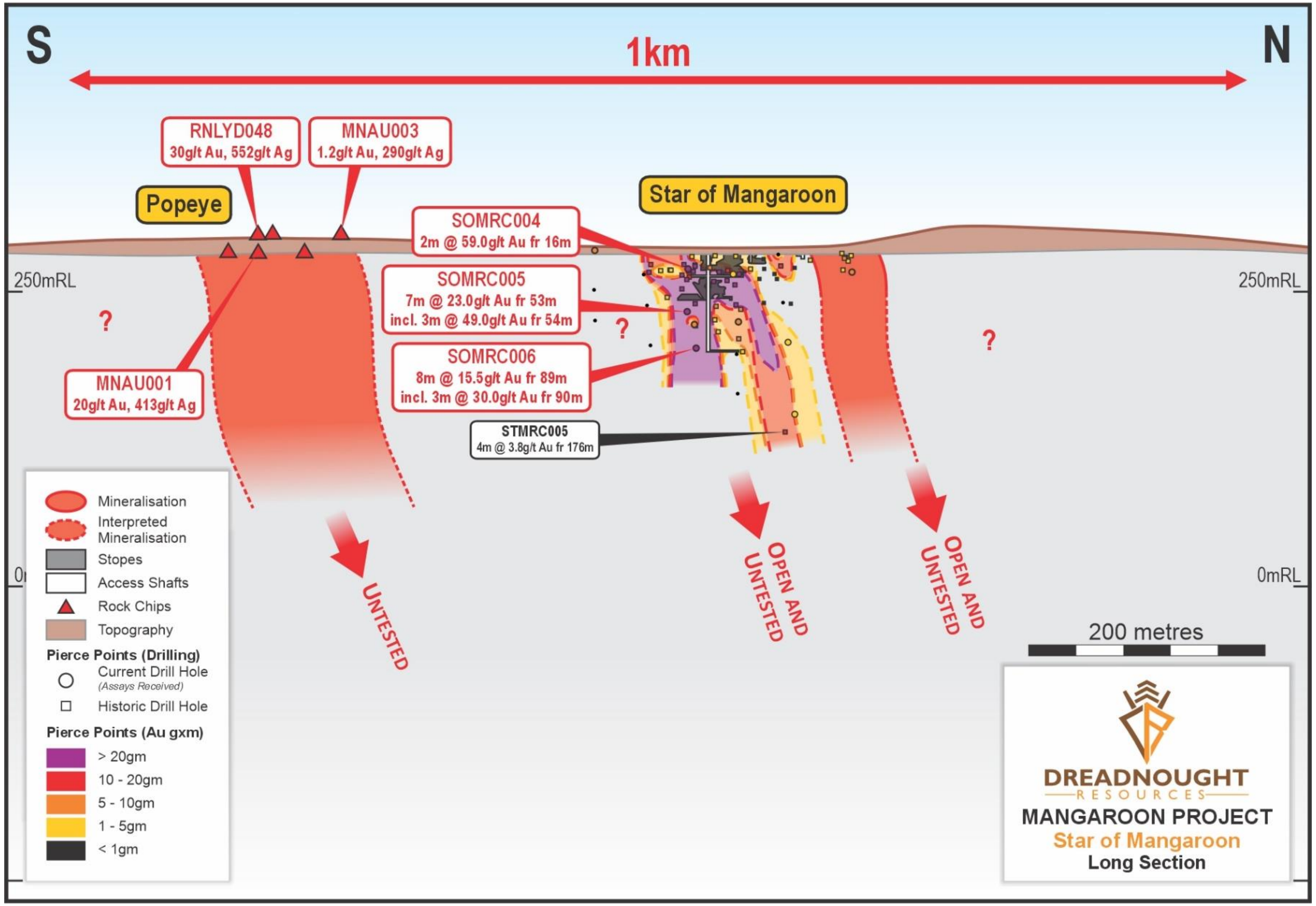
- Discovered and mined by Pastoralists in the 1960s
- Limited exploration in the 1980s/1990s
  - MA10: 4m @ 26.0g/t Au fr 9m
  - SMC07: 4m @ 18.7 g/t Au fr 8m
- Recent drilling by Dreadnought includes:
  - SOMRC004: 2m @ 59.0 g/t Au fr 16m
  - SOMRC005: 7m @ 23.0 g/t Au fr 53m
  - SOMRC006: 8m @ 15.5 g/t Au fr 89m
- Open at depth and along strike

Upcoming Catalysts

- Metallurgical test work: September
- Resource drilling: August
  - Assay Results: September/October
- Resource: October/November

ASX.DRE 11 December 2023 Thick, High-Grade Gold Including 7m @ 23.0g/t Au
ASX.DRE 22 January 2024 Star of Mangaroon Extended

Star of Mangaroon – Exploration Upside



Star of Mangaroon and Popeye

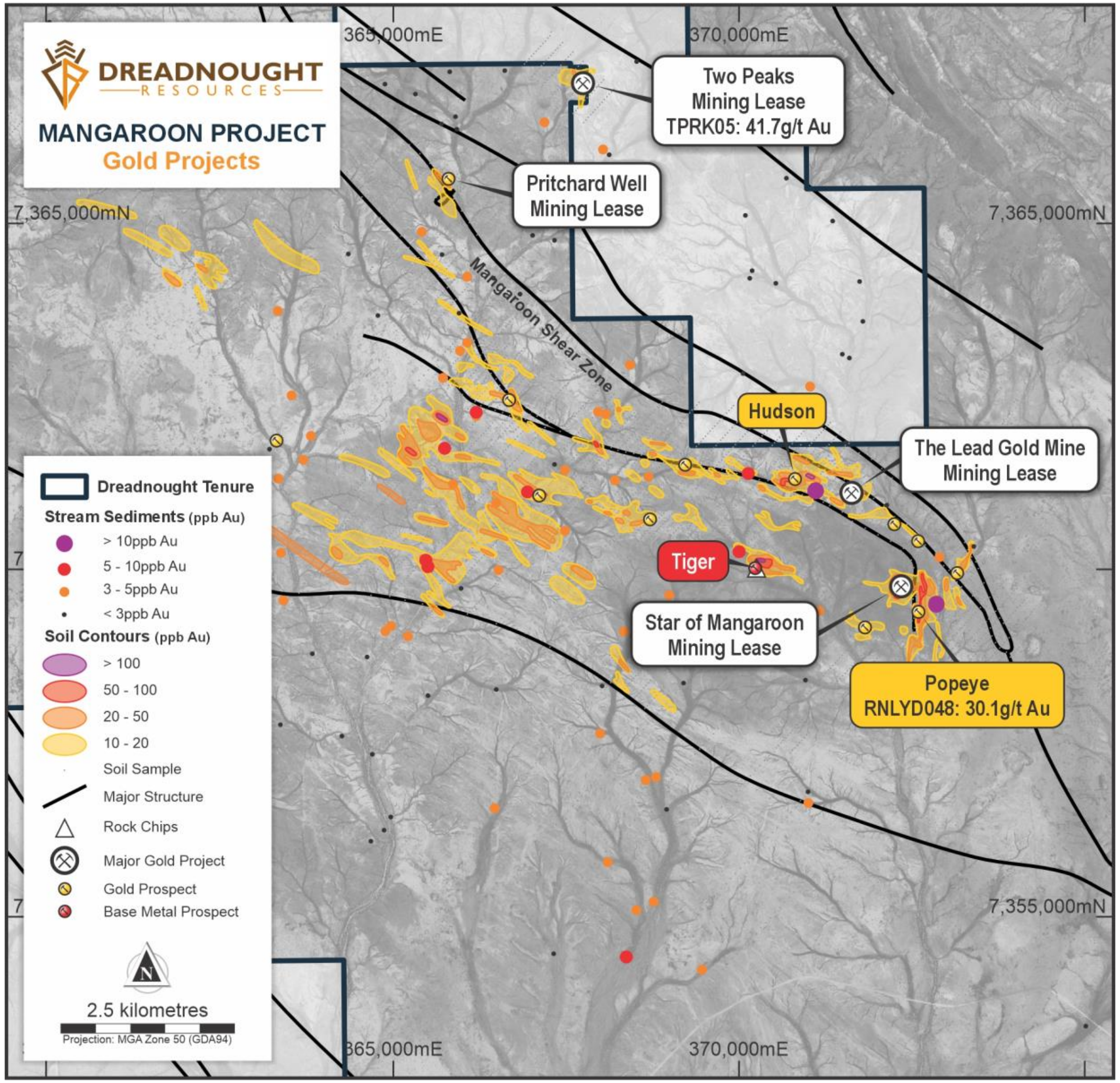
- No deep drilling, and no drilling along the mineralised trend including at the historically mined Popeye.
- Popeye shaft started as water supply for Star of Mangaroon, went straight down a mineralised vein with rock chips returning:
  - RNLYD048: 30g/t Au, 552g/t Ag
  - MMNAU001: 20g/t Au, 413g/t Ag

Upcoming Catalysts

- RC Drilling Popeye
  - Assay Results – September / October
- RC Drilling Star of Mangaroon extensions – September
  - *As part of Resource drilling*

ASX.DRE 11 December 2023 Thick, High-Grade Gold Including 7m @ 23.0g/t Au
ASX.DRE 22 January 2024 Star of Mangaroon Extended

Historical Workings – Pipeline of Opportunities



Build on Star of Mangaroon Commercialisation

- 5 Granted Mining Leases
  - Represent additional near term production opportunities
- More shafts and workings discovered every month as we explore boots on ground
  - Most with no or limited historical drilling
- Pipeline of walk-up drill targets
- Working closely with prospectors and pastoralists to consolidate the knowledge of the region to help leverage our exploration

Upcoming Catalysts

- RC drilling Two Peaks, Diamonds, Popeye – August
  - Assay Results – September/October
- RC drilling Pritchard Well, Hudson – October/November
- Mapping, Rock Chipping – Ongoing
  - Reviewing and ranking historical workings

ASX.DRE 12 February 2024 Star of Mangaroon Camp Scale Gold Prospect Continues to Expand
ASX.DRE 13 March 2024 Star of Mangaroon Camp Scale Gold Prospect Expands to ~15km x 10km

DREADNOUGHT RESOURCES

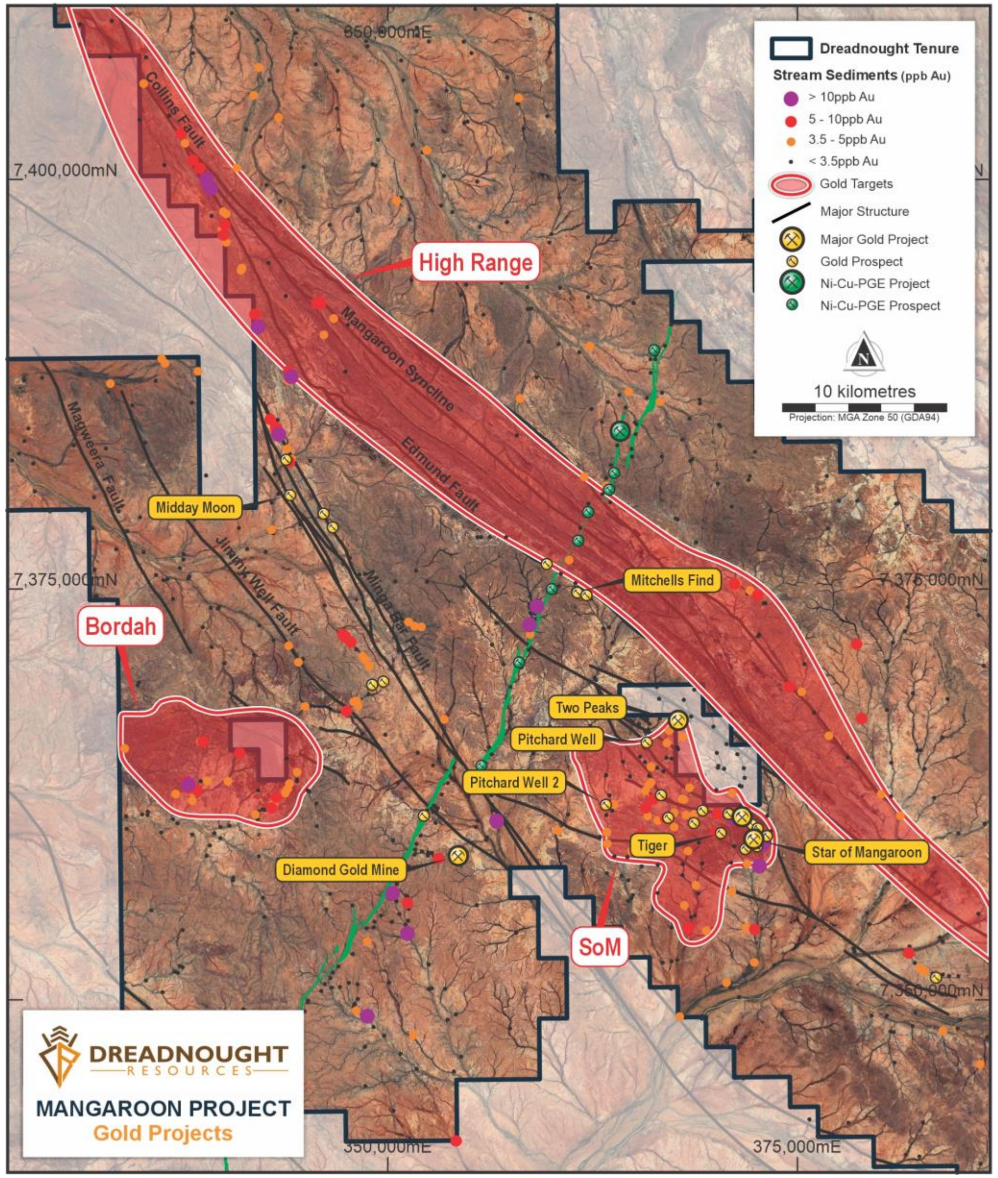
Gold Discovery

Fill the pipeline with targets in an unexplored region

***may be more than just gold**

ASX:**DRE**

First Modern Exploration – Pathway to Discovery



Star of Mangaroon Camp Scale Prospect

- Expanding 15km x 10km camp scale opportunity
- First modern exploration within this consolidated field has already yielded over a dozen new targets including Tiger, which is stronger and larger anomaly than the Star of Mangaroon

Bordah Camp Scale Prospect

- No previous exploration
- Similar lithostructural setting to Star of Mangaroon
- Stream sediment sampling producing significant anomalies in gold and gold pathfinders

High Range Camp Scale Prospect

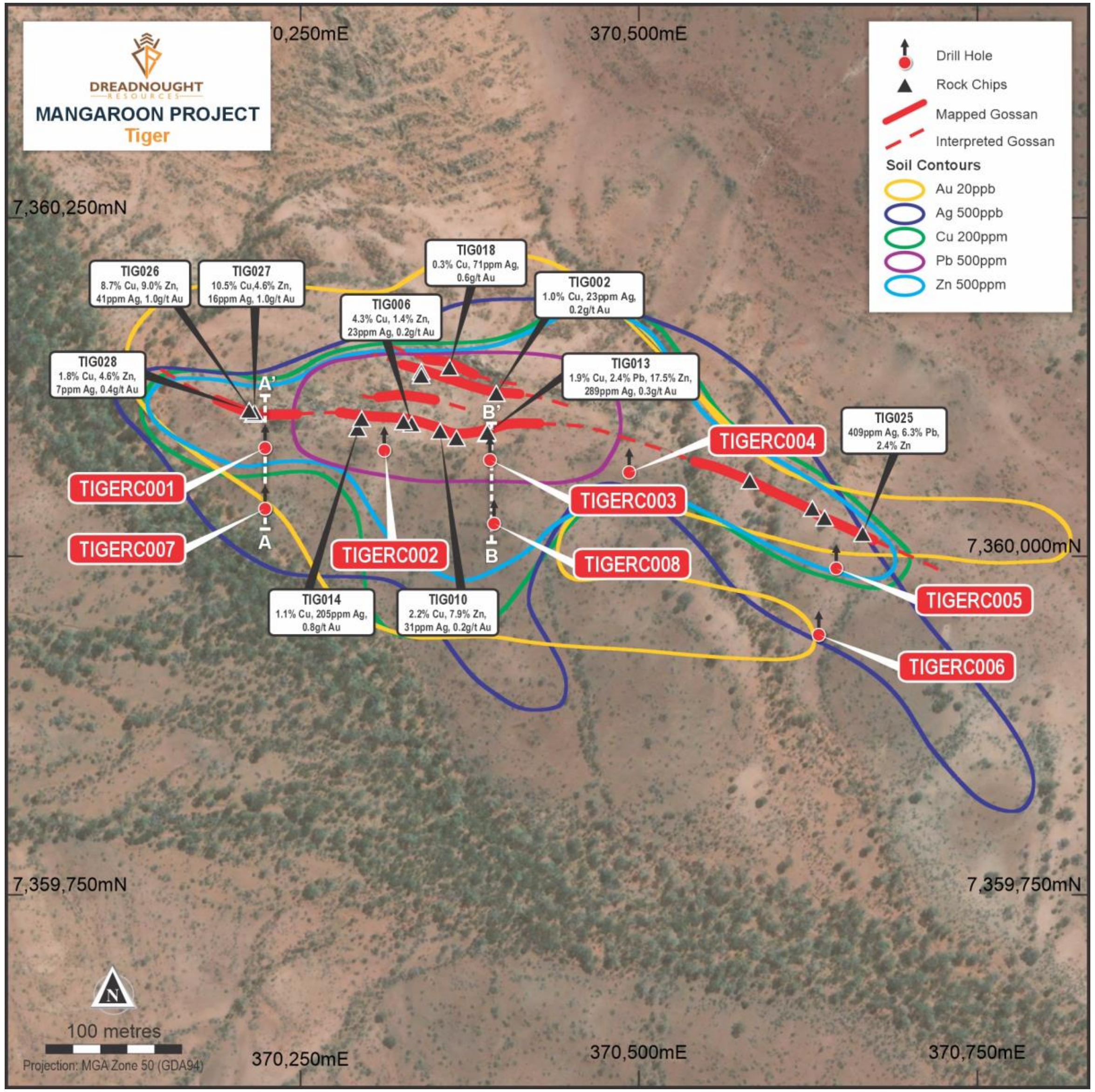
- Limited previous gold exploration
- Similar lithostructural setting to the original Cobra/Bangemall Gold Field
- Recently consolidated with strong early indications of gold potential

Upcoming Catalysts

- Target generation Stream sediment sampling – October/November
- Target definition Soil sampling and mapping – October/November

ASX.DRE 13 March 2024 Star of Mangaroon Camp Scale Gold Prospect Expands to ~15km x 10km
ASX.DRE 26 July 2024 Strategic & Prospective Consolidation

Tiger Cu-Au-Zn-Ag



Tiger Cu-Au-Zn-Ag VMS

- Identified during first ever surface sampling programs
- 500m strike and high tenor outcropping gossans
  - TIG026: 8.7% Cu, 9.0% Zn, 40.7g/t Ag and 1.0g/t Au
  - TIG027: 10.5% Cu, 4.6% Zn, 16.3g/t Ag and 1.0g/t Au
  - TIG028: 1.8% Cu, 4.6% Zn, 6.7g/t Ag and 0.4g/t Au
  - TIG025: 2.4% Zn, 6.3% Pb, 409.0g/t Ag and 0.1g/t Au
  - TIG013: 1.9% Cu, 17.5% Zn, 289.0g/t Ag and 0.3g/t Au
  - TIG013B:1.4% Cu, 27.1% Zn, 60.1g/t Ag and 0.3g/t Au
- Drilling recently struck significant visual sulphide mineralisation
  - Assays being rushed through the labs

Upcoming Catalysts

- RC drilling – August
  - DHEM/MMR: August / September
  - Assays: September
- Follow up drilling of any off-hole conductors
- Airborne EM Survey across region – underway

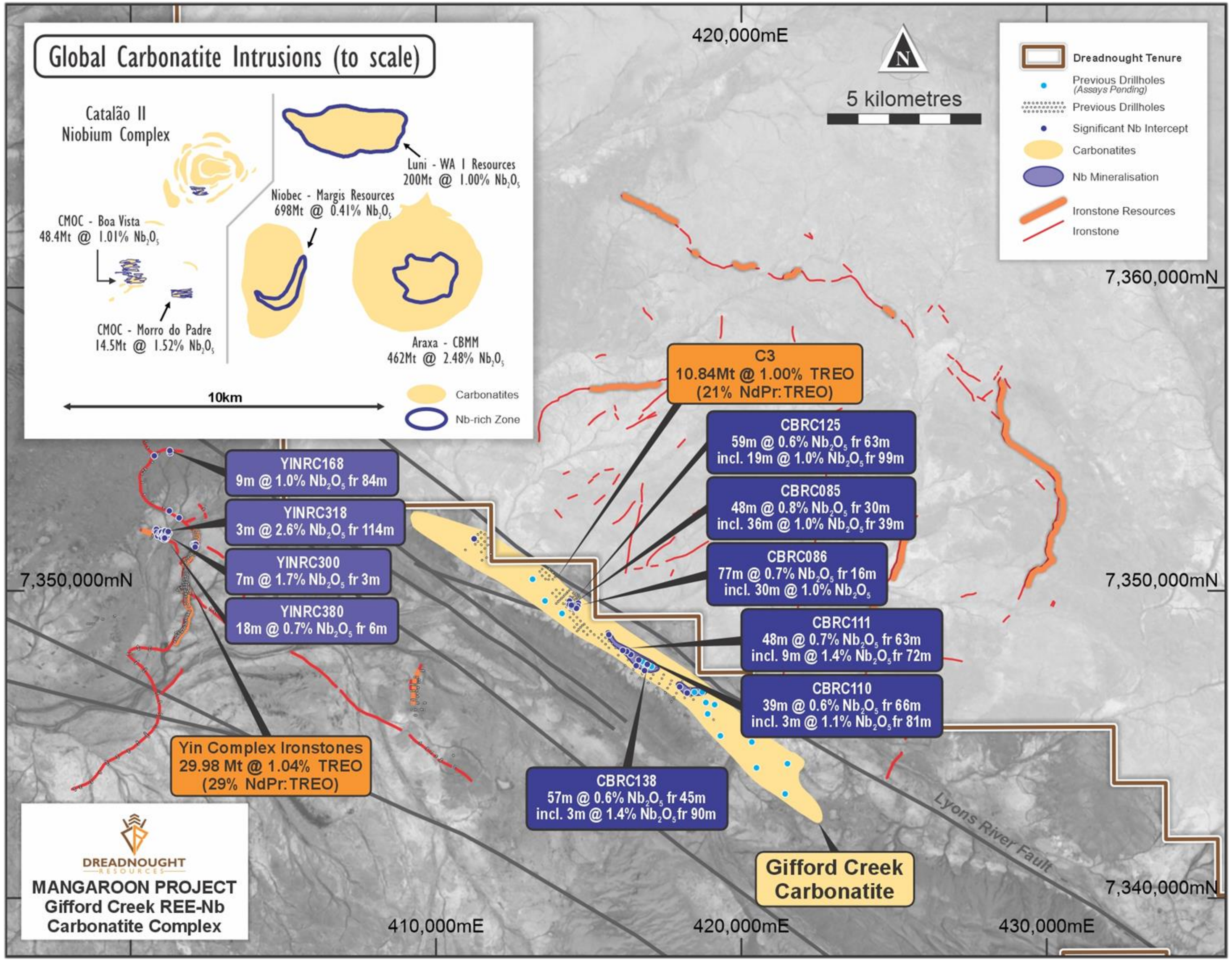
ASX.DRE 18 June 2024 Tiger Cu-Au-Zn-Ag Gossan Confirmed over 500m

Mangaroon Nb-REEs

Gifford Creek Carbonatites
Yin Ironstones
DRE: 100% Ownership

ASX:**DRE**

Gifford Creek Nb-REE Carbonatite



Significant Nb Potential at Gifford Creek

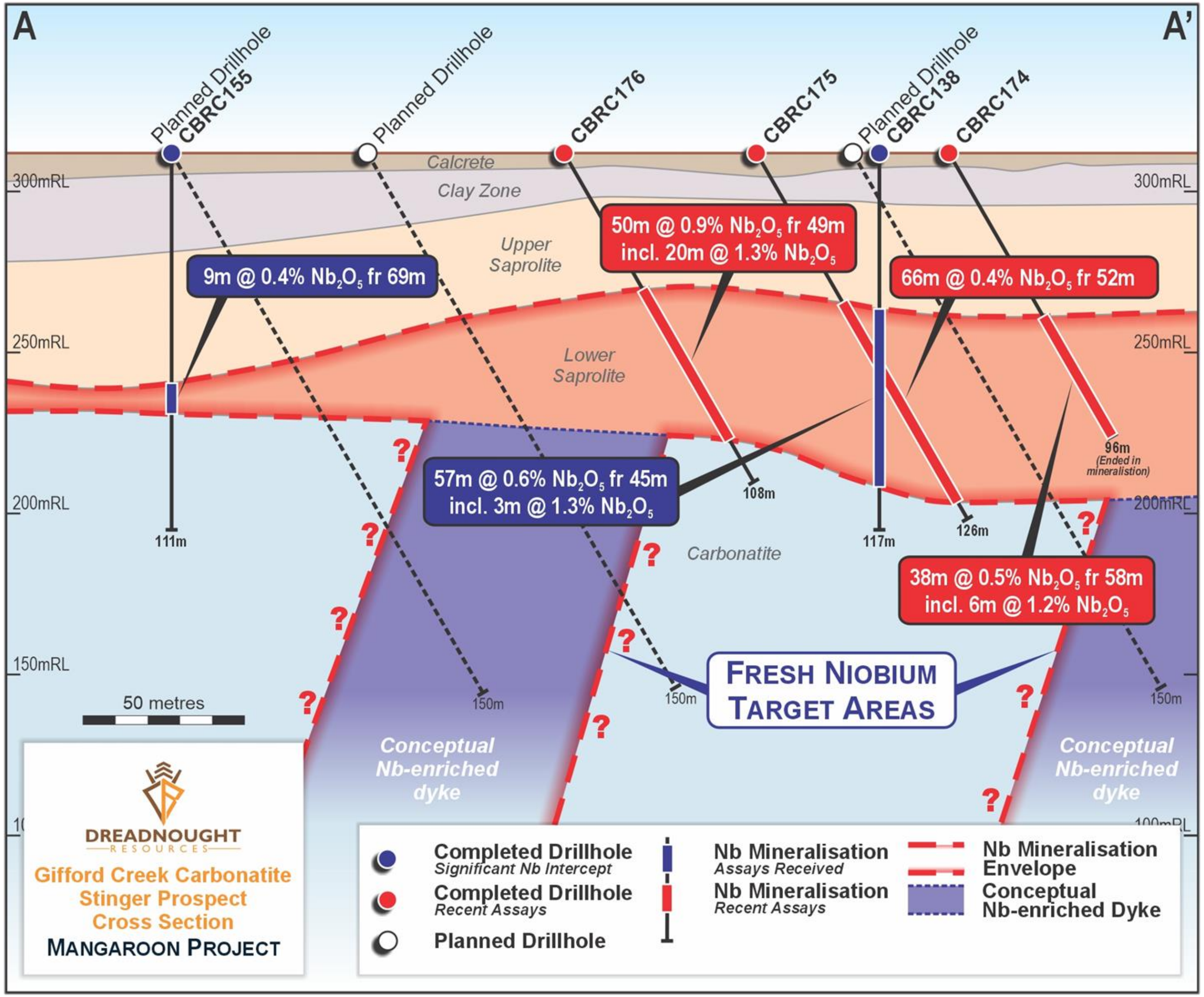
- Best Nb drill intercepts outside the Arunta, closer to existing and shared infrastructure.
- Multiple zones of mineralisation already identified.
- Coarse grained pyrochlore confirmed in first pass drilling – critical for metallurgical recoveries and commercialisation.

Nb-REE Drilling Program

- Targeting areas of residual saprolite enrichment and fresh mineralisation.
- Follow up drill holes in areas of known pyrochlore to extend mineralisation and collect material for metallurgical work.

ASX.DRE 19 August 2024 Thick High-Grade Niobium Intercepts from Gifford Creek Carbonatite

Gifford Creek Nb-REE Carbonatite



Saprolite Mineralisation

- Blanket of thick near surface secondary / residual mineralisation
- Tends to mushroom out from primary mineralisation
  - Target of wide spaced first pass drilling
- Follow up areas of first pass drilling
- Assess mineralogy and metallurgical properties

Fresh Nb Dyke Mineralisation

- Thick carbonatite dykes hosting primary niobium mineralisation

Upcoming Catalysts

- Assays from phase 1 drilling - September
- Follow up RC Drilling: underway
  - Assays: October/November
- Mineralogical and metallurgical studies

ASX.DRE 19 August 2024 Thick High-Grade Niobium Intercepts from Gifford Creek Carbonatite

DREADNOUGHT RESOURCES

Other Projects

Streamlining the Portfolio

ASX:DRE

Other Projects

Mangaroon REEs (100%)

- Minimise cost and maximise readiness for REE turnaround
- Resource of 29.98Mt @ 1.04% TREO cover ~10% of ironstones
- Higher NdPr to total rare earth oxides ratio than most REE deposits and >50% higher than the global average

Mangaroon Ni-Cu-PGE (100%)

- Confirmed high-tenor massive sulphide mineralisation within the Money Intrusion
- Advanced discussions for JV

Bresnahan (100%)

- Uranium targets identified by global uranium companies
- Outcropping unconformity HREE, and Au-Sb-Ag mineralisation
- Advanced discussions for partial JV

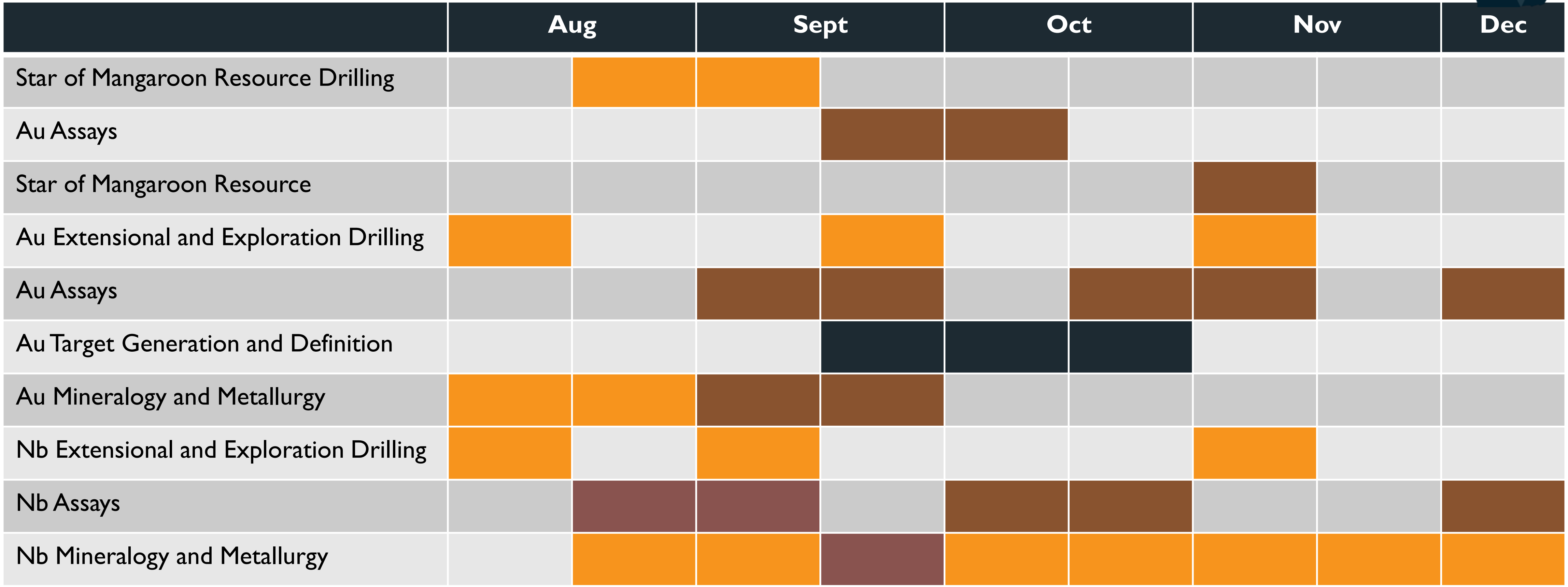
Tarraji-Yampi (80%/100%)

- Orion Cu-Au Massive Sulphide discovery in 2021
- Outcropping Cu-Au mineralisation
- Strategic review underway

Central Yilgarn (100%)

- Multiple confirms high-grade gold, iron ore and base metal targets
- Advanced discussions for partial JV

Work Plan Summary



Major Catalysts and News flow

- **Positive mineralogy and metallurgy results**
- **Resource drilling and Resource**
- **Gold and niobium assay results**
- **Au and Nb Discoveries**
- **Commercialisation outcomes**

Take Away Message

Strong news flow focused on gold and niobium throughout 2024

Track record of delivering discoveries

- Yin REE ironstone complex
- Gifford Creek REE-Nb carbonatites
- Orion Cu-Au massive sulphide
- Money Intrusion Ni-Cu-PGEs

Near term high-grade gold commercialisation strategy

- Transform to self-funded explorer

Poised to deliver additional discoveries in 2024

- Mangaroon Au (100%)
- Gifford Creek Carbonatite Nb (100%)

Experienced management team with a track record of success and strongly aligned with shareholders

- $6.8M invested to date
- ~15% Board and management ownership

Kerry's Top Three

1. **Our gold Commercialisation Strategy to transform us to a self-funded explorer**
2. **Leverage to critical metals with our advancing Nb discoveries and a REE Resource**
3. **We are shareholders ourselves, with >$6.8M cash invested to date**

DREADNOUGHT RESOURCES

Finding the Metals for Our Future

ASX:DRE **Dreadnought Resources Ltd**

+61 (08) 9473 8345
info@dreres.com.au
Unit 1, 4 Burgay Court, Osborne Park WA 6017

dreadnoughtresources.com.au

Sign up to our Investor Hub to receive the latest news, updates and announcements.

Board and Management with Skin in the Game

Paul Chapman
Non-Exec Chairman

- Chartered accountant with 30+ years experience in the resources sector
- Founding shareholder and/or director of Black Cat Syndicate, Reliance Mining, Encounter Resources, Rex Minerals, Silver Lake Resources, GCX Metals and Avanco Resources
- Non-Executive Chairman of Meeka Minerals, a Non-Executive Director of gold developer Black Cat Syndicate and gold/base metals explorer Sunshine Metals

Dean Tuck
Managing Director

- Experienced geologist and exploration manager having worked across a wide range of commodities in Australia, Brazil and SE Asia from project generation through to resource evaluation
- Previously held senior level positions ranging from private companies to BHP Billiton and ASX listed junior explorers
- Instrumental in several discoveries covering Cu-Ag-Au-Co massive sulphide, REE ironstones, REE-Nb-Phosphate carbonatites, orogenic gold, LCT pegmatites and iron ore

Phillip Crutchfield
Non-Exec Director

- Prominent and well-respected barrister specialising in commercial law
- Director of Encounter Resources and Hamelin Gold
- Chair of the Bell Shakespeare Theatre Company and the Victorian Bar Foundation
- Former Chair of highly successful financial services company Zip Co and former Director of Applyflow and Black Cat Syndicate
- Former partner of Mallesons Stephen Jaques (now King & Wood Mallesons)

Robert Gee
Non-Exec Director

- Experienced hydrometallurgist and technical manager with 30+ years experience in the resources and battery chemicals sectors
- Previously held senior positions in both the private and public sectors working in operations, technical development and consulting
- Worked for several small and large organisations including BHP Billiton and ANSTO

Jessamyn Lyons
Company Secretary

- Chartered secretary and Fellow of the Governance Institute of Australia
- Director of Nexia Perth, Company Secretary of Ragnar Metals and Echo IQ
- 15+ years experience working in the stockbroking and banking industries and has held various positions with Macquarie Bank, UBS Investment Bank (London), and Patersons Securities

Debbie Fullarton
CFO

- Held numerous senior finance roles across multiple continents, including Africa and Australia
- Proven track record of driving business growth, managing risk, and optimising financial performance
- Former CFO of a major mining company where she led the finance team through a period of significant growth and transformation

Matt Crowe
COO

- 13+ years at BHP, and several junior exploration companies, exploring for gold, lithium, nickel, copper and PGEs in the Wheatbelt, West Musgraves and Gascoyne
- Instrumental in several discoveries covering Cu-Ag-Au-Co massive sulphide, Ni-Cu-PGE massive sulphides, REE ironstones, REE-Nb-Phosphate carbonatites, LCT pegmatites and iron ore

The DREam Team

Experienced Team

BHP
WAIO (Iron Ore)
Ni West (Ni)

Rio Tinto
Winu (Cu-Au)

Gold Fields
Agnew (Au)

Capricorn Metals
Karliwinda (Au)

Cassini Resources
Nebo Babel (Ni-Cu-PGE)

Talisman Mining
Wonmunna (Iron Ore)
Springfield (Cu-Au)

Hammer Metals
Mt Isa (Cu-Au)

Arrow Minerals Malinda
(LCT Pegmatites)
Mallina (LCT Pegmatites)

Westgold Resources

De Beers

Track Record of Discovery

Gifford Creek Carbonatite
REE, Nb, Ti, P, Sc

Yin Ironstones Complex
REE, Nb

Orion VMS
Cu-Au-Co

Money Intrusion
Ni-Cu-PGE

Tiger VMS
Cu-Zn-Ag-Au

Malinda Pegmatites
Li-Ta

Mallina Pegmatites
Li-Ta

Mesa Gap
Iron Ore

South Jimblebar
Iron Ore

Wheelarra I South
Iron Ore

Wonmunna
Iron Ore

Three recipients of
AMEC's 2023
Prospector of the Year Award