



**DREADNOUGHT**  
RESOURCES

# Finding the Metals for Our Future

ANNUAL GENERAL MEETING  
23 NOVEMBER 2023

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ASX:DRE



# Disclaimer

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

## **Illaara Gold-VMS-Iron Ore 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
15 February 2022	Eight Conductors to be Drilled at Nelson and Trafalgar Cu-Pb-Zn-Ag Prospects – Illaara Project
9 May 2022	Drilling Complete at Illaara Project

## **Kimberley Ni-Cu-Au 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
29 April 2022	EIS Drilling Grants for Mangaroon REE and Orion Cu-Ag-Au-Co
22 June 2022	Orion Auger Program – Taraji-Yampi Project
20 June 2023	Highly Conductive Anomalies Enhance Orion Look-Alikes– Taraji-Yampi Project

## **Mangaroon Ni-Cu-PGE, REE & Au Project**

07 April 2021	Option/JV Agreement Signed with Global Base Metal Miner
29 November 2021	Five Carbonatite Intrusions Identified at Mangaroon Project
14 February 2022	Conductors Defined along the Money Intrusion – Mangaroon FQM JV
29 April 2022	EIS Drilling Grants for Mangaroon REE and Orion Cu-Ag-Au-Co
17 October 2022	Mineralised carbonatite discovered at C3 and C4
24 October 2022	Broad high-grade assays at Yin REE Discovery
10 November 2022	Exploration Update Mangaroon Ni-Cu-PGE
28 December 2022	Initial High-Grade, Independent Resource Over 3kms at Yin
27 January 2023	Mineralised REE Ironstones increased by 13kms to 43kms
13 February 2023	Rare Earth Ironstone Exploration Target Defined
3 April 2023	Carbonatites deliver thick near surface REE Results
29 May 2023	Metallurgical Testwork 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

## **Bresnahan REE-Au Project**

8 February 2023	Bresnahan Emerging As a Light & Heavy Rare Earth Province
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## **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 form 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).



# Company Snapshot

## Capital Structure

ASX Code	DRE
Share Price (18/09/2023)	\$0.033
Shares on Issue	3,457M
Market Cap	\$114.1M
Cash (31/09/2023)	~\$2.9M+\$5.5M
Unlisted Securities (various strike prices)	66.1M
Liquidity (90-day average)	~\$0.3M / day
Board and Management Cash Investment	~\$6,200,000

## Board & Management

Paul Chapman	Non-Executive Chairman
Dean Tuck	Managing Director
Philip Crutchfield	Non-Executive Director
Robert Gee	Non-Executive Director
Debbie Fullarton	Chief Financial Officer
Matt Crowe	COO & Exploration Manager
Jessamyn Lyons	Company Secretary







# Project Overview

## Mangaroon REE, Au & LCT (100%)

- ~5,300km<sup>2</sup> in the Gascoyne
- Initial JORC Resource delivered over <10% of known REE ironstones
- Carbonatites exploration still early days

## Mangaroon Ni-Cu-PGE (FQM earning up to 70%)

- ~1,100km<sup>2</sup> in the Gascoyne
- FQM to spend \$15M for 51% and 70% upon decision to mine
- High tenor Ni-Cu massive sulphides confirmed in drilling

## Tarraj-Yampi Cu-Ag-Au-Co (100%, E04/2315 80%)

- ~2,400km<sup>2</sup> in the West Kimberley
- Outcropping mineralisation, unexplored since 1978
- Orion Cu-Ag-Au-Co massive sulphide discovery

## Bresnahan HREEs (100%)

- ~3,700km<sup>2</sup> covering the Bresnahan Basin in the Gascoyne
- Prospective for unconformity HREEs (Northern Minerals - \$300M)

## Central Yilgarn Ni-Au-LCT-Iron Ore (100%)

- ~1,600km<sup>2</sup> covering ~150km strike over four greenstone belts in the Yilgarn
- Significant gold, nickel and LCT pegmatite potential





# Year in Review

## 2023 Plan

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Kimberley												
Mangaroon REEs												
Mangaroon Ni-Cu-PGE												
Mangaroon Au												
Bresnahan												
Central Yilgarn												

## 2023 Actual

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Kimberley												
Mangaroon REEs												
Mangaroon Ni-Cu-PGE												
Mangaroon Au - LCT												
Bresnahan												
Central Yilgarn												

- Target generation
- Target definition
- Target testing

HREEs confirmed

Metzke's Au resource

Orion look-a-like auger

Mangaroon Au consolidation

Orion look-a-like conductors

Yin resource upgrade

C3 resource

Massive Ni-Cu sulphides

SoM gold targets generated

17km carbonatite extension

HREE and uranium targets

LCT pegmatite targets

Yin M&I resource



# Achievements in 2023

## Mangaroon REE & Au (100%)

- 3 Resources delivered, one more coming in November
- Sabre, Y8, Y2 and C3 Discoveries made
- Increased the scale of the Gifford Creek Carbonatite Complex from ~6km to ~17kms
- Metallurgical studies and geophysical breakthroughs
- Consolidated the Star of Mangaroon Gold Project – a high grade gold opportunity

## Mangaroon Ni-Cu-PGE (FQM earning up to 70%)

- Discovery of high tenor Massive Sulphides in the keel position of the Money Intrusion

## Tarraji-Yampi Cu-Ag-Au-Co (100%, E04/2315 80%)

- 13 Orion look-a-likes defined and partially drilled

## Bresnahan HREEs (100%)

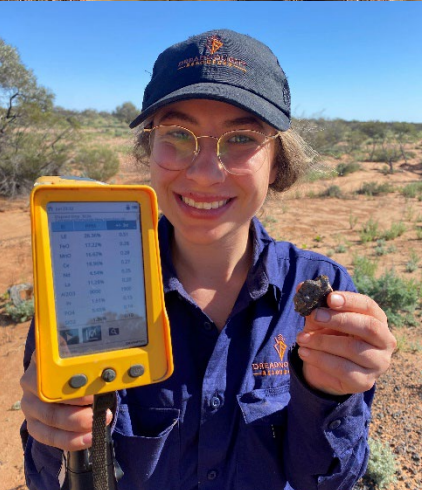
- Confirmed HREEs at Bresnahan.
- Continued to consolidate a dominate land holding in a proven Uranium province with HREE and gold potential

## Central Yilgarn Ni-Au-LCT-Iron Ore (100%)

- Metzke's gold Resource delivered
- Gold, Lithium and Nickel review and targeting well underway











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# What can we expect for the remainder of 2023?

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# Work Programs to the end of the year

## Mangaroon REE, Au & LCT (100%)

- Updated Yin Ironstone Resource
- Results of gravity survey over the Gifford Creek Carbonatite
- Results of gold drilling
- Gold target generation and definition around the Star of Mangaroon
- Mapping and surface sampling of pegmatite swarms

## Mangaroon Ni-Cu-PGE (FQM earning up to 70%)

- Results of additional drill testing at the Money Intrusion

## Tarraji-Yampi Cu-Ag-Au-Co (100%, E04/2315 80%)

- Results from recent work, and review in light of recent IGO/BUX Ni Discovery

## Bresnahan HREEs (100%)

- Target generate and definition programs for HREEs, Au-Ag-Sb and Uranium

## Central Yilgarn Ni-Au-LCT-Iron Ore (100%)

- Mapping and surface sampling of a dozen pegmatite swarms





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# What can we expect for 2024?

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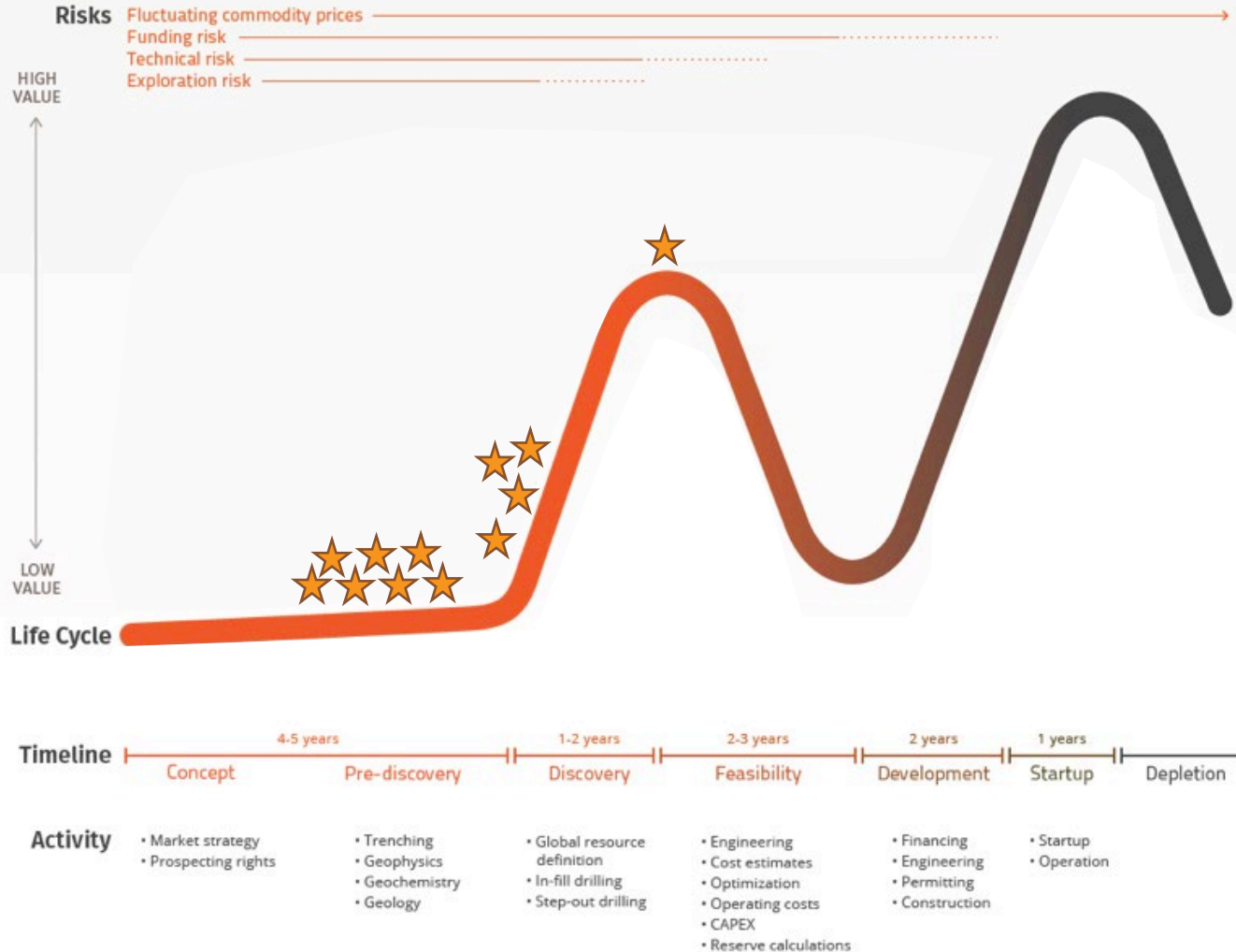
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# Where is DRE on the Lasso Curve?

## The Lifecycle of a Mineral Discovery



### Feasibility

- Yin REE Ironstones

### Discovery

- C3 (REE-Nb-P-Ti-Sc)
- Orion (Cu-Au-Ag-Co)
- Grants (Cu-Au-Co)
- Star of Mangaroon (Au)

### Pre-discovery

- Money Intrusion (Ni-Cu-PGE)
- Central Yilgarn (Au)
- Star of Mangaroon Camp (Au)
- Central Yilgarn Pegmatites (Li)
- Mangaroon Pegmatites (Li)
- Bresnahan (HREEs)
- Bresnahan (U)



# Plans for 2024

## Mangaroon REE, Au & LCT (100%)

- Target testing of gravity lows within the Gifford Creek Carbonatite
- Continued projected-risking and pursue commercialisation opportunities
- Target definition and testing of high-grade gold targets
- Target definition within LCT pegmatite swarms

## Mangaroon Ni-Cu-PGE (FQM earning up to 70%)

- RC and Diamond rigs turning from start of the year
- Extensive IP and EM surveys

## Tarraj-Yampi Cu-Ag-Au-Co (100%, E04/2315 80%)

- Finish the Cu-Ag-Au-Co drill program
- Generate and define Ni-Cu-PGE targets

## Bresnahan HREEs, Au-Ag-Sb (100%)

- Target generation and definition for HREEs, gold and uranium
- Look for a partner to advance the uranium opportunity

## Central Yilgarn Ni-Au-LCT-Iron Ore (100%)

- Target definition and testing of gold, lithium and nickel
- Continue to assess commercialisation opportunities for Metzke's Gold







# Take Away Message

## Strong news flow throughout 2023

- Average >1 ASX announcement / week

## Track record of delivering discoveries

- Yin REE ironstone
- C3 and C5 REE-Nb carbonatites
- Sabre/Y8 REE ironstones
- Orion Cu-Ag-Au-Co massive sulphide
- Metzke's and Longmore's gold

## Poised to deliver additional discoveries in 2023/2024

- Mangaroon Au (100%)
- Mangaroon Ni-Cu-PGE (FQM Earn-in/ JV)
- Kimberley Cu-Ag-Au-Co, Ni-Cu-PGE
- Bresnahan HREEs, Au-Ag-Sb, U
- Central Yilgarn Ni, Au, Li

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

- \$6.2M invested to date
- ~15% Board and management ownership





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