



FY2023 Annual General Meeting

Friday, 27 October 2023

Meeting Agenda

- **Chair's Address**
- **Managing Director & CEO's Address**
- **General Q&A**
- **Procedural Matters**
- **Formal Business of the meeting**
- **Poll Voting**
- **Closing of Formal Business**

Chair's Address

James Walker
Non-Executive Chair





CEO Presentation

Blake Cannavo
Managing Director & CEO



Asset Overview

Australia Assets

Canada Assets



Eastern Goldfields, WA

- Music Well’s Rockchip samples with multiple grades **> 3g/t Au (with the best result being >100g/t Au including visible gold)** [Ref. ASX Announcement 29th Mar 2021]

- Arcoona’s Geophysical survey revealed **multiple new targets of buried greenstones** that have not been drill tested.

Nullarbor, WA

- Discovered **the first ever IOCG-style alteration in the region** (comparable to the alteration in Ernest Henry and Olympic Dam IOCG deposits).

Palmerville, QLD

- Previous field sampling on 4 priority Cu targets all with samples **over 10% Cu and up to 31% Cu**
- Previous drilling revealing **33m @ 0.49 % Cu**

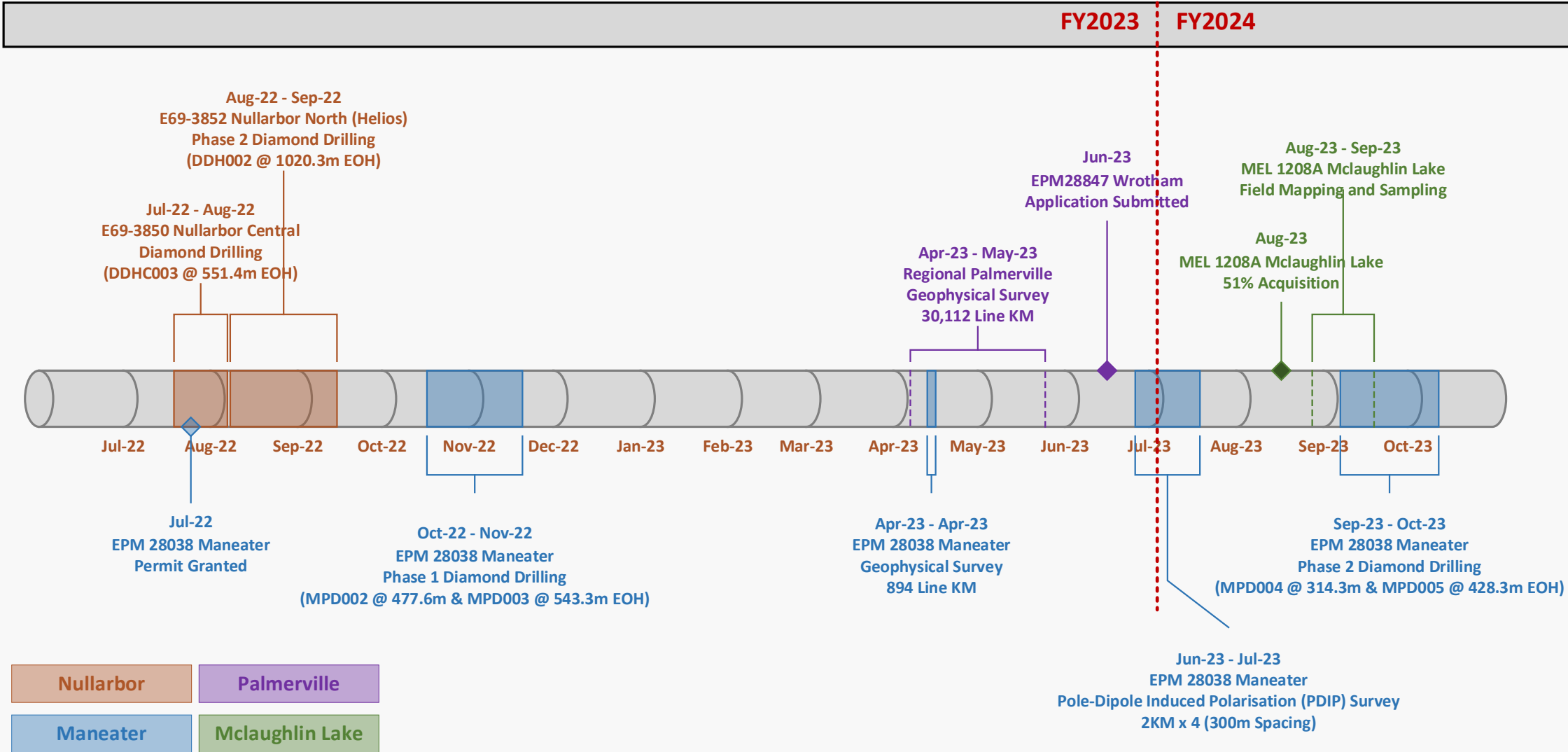
Manateer Breccia, QLD

- Phase 1 diamond drilling in breccia revealed **1m @ 2.28% Zn; 1m @ 2.14 g/t Au; Max 1m @ 17.9g/t Au; 446m @ 5.5 g/t Ag; >440m of massive, semi-massive and disseminated sulphides** intersected in both MPD002 & MPD003 [Ref. ASX Announcement 16th Feb 2023]
- Geophysical & PDIP survey revealed **significant anomalies**
- Phase 2 diamond drilling and assaying underway to test these anomalies.

Mclaughlin Lake, Manitoba Canada

- **400m long** outcropping pegmatite dyke with a width of up to 2.2m wide.
- Two of NMR’s spodumene-bearing pegmatite dykes samples returned high Li2O grades of **2.77% and 2.25%**. [Ref. ASX Announcement 9th Oct 2023]

Completed Campaign (Financial Year FY23-Q1 FY24)



Maneater Project – North Queensland

Maneater Breccia Project

Commodity: Gold, Silver, Zinc

- EPM 28038 Maneater – 19 Sub-Blocks

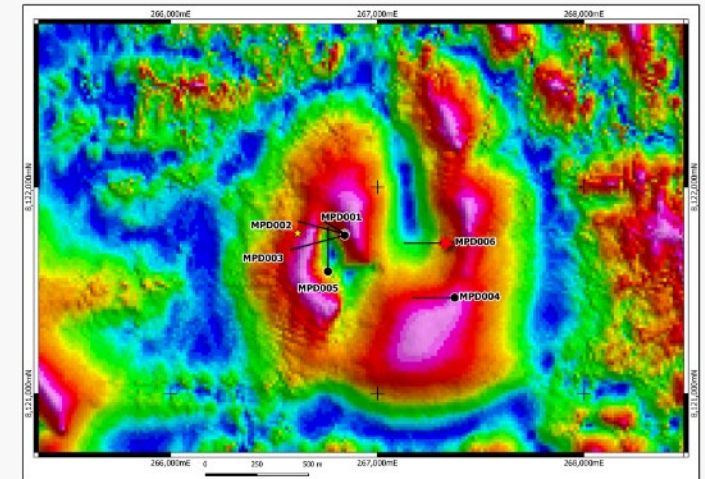


NMR's Completed

- Completed Programs
 - ✓ Phase 1 Diamond Drilling (MPD002 @ 477.6m, MPD003 @ 543.3m EOH) in Nov 2022
 - ✓ 894 line-KM Airborne Geophysical Survey in Apr 2023
 - ✓ Pole-Dipole Induced Polarisation (PDIP) Survey in Jul 2023
 - ✓ Phase 2 Diamond Drilling (MPD004 @ 314.3m, MPD005 @ 428.3m EOH) in Oct 2023
- Increasing gold with depth. MPD003 reached max gold assay of 1m @ 17.9g/t Au, well above previous drilling. [\[Ref. ASX Announcement 16th Feb 2023\]](#)
- Predicted "Increasing metal abundance with depth". Increasing copper (chalcopyrite) with depth. A composite of all results SUPPORTS the proposed "metal zoning" model for Maneater with anticipated gold at depth.
- >440m of massive, semi-massive and disseminated sulphides intersected in MPD003.
- MPD003 intersected 446m @ 5.5g/t Ag [\[Ref. ASX Announcement 16th Feb 2023\]](#)
- Intrusive porphyry present in all drill holes indicating porphyry at depth.

FY24 Lookahead

- Phase 2 Core Assaying
 - ✓ Completion of Phase 2 Drilling Assays for the remaining 75 samples from MPD005.
- 400m Diamond Drilling (Hole ID MPD006)
 - ✓ Further drilling of MPD006 is subject to Assay results from Phase 2 Drilling.
 - ✓ MPD006 is targeted on a chargeability high anomaly that is associated with a resistive low and a magnetic low and is located within the eastern anomaly.



Maneater Drill Holes with RTP Image
[\[Ref. ASX Announcement 23rd Oct 2023\]](#)

Mclaughlin Lake – Manitoba, Canada

High-Grade Lithium Project

Commodity: Lithium

- MEL 1208A Mclaughlin Lake – 19,321 Ha



NMR's Completed

- Phase 1A:** Ground based sampling where 29 samples of multiple pegmatite dykes collected for assaying in end Aug – Sep 2023. Two of the samples returned high Li₂O grades of **2.77% and 2.25%**. [Ref. ASX Announcement 09th Oct 2023]



FY24 Lookahead

- Phase 1B:** A 3000 line-km Geophysical Heli-magnetics and radiometric survey to commence early Q1 2024.
- Phase 2:** A 1000m Diamond Drilling Campaign to Commence late Q1 2024.

Palmerville Project – North Queensland

Palmerville Project

Commodity: Copper, Gold

- EPM 11980 Limestone Creek – 4 Sub-Blocks
- EPM 18325 Bald Hills – 15 Sub-Blocks
- EPM 19537 Mitchell River South – 33 Sub-Blocks
- EPM 26891 Palmerville North – 63 Sub-Blocks
- EPM 26893 Palmerville West – 100 Sub-Blocks
- EPM 26894 Palmerville East – 84 Sub-Blocks
- EPM 26895 Palmerville South – 63 Sub-Blocks
- EPM 27396 East Palmerville North – 100 Sub-Blocks
- EPM 27452 East Palmerville South – 65 Sub-Blocks
- EPM 28847 Wrotham – 18 Sub-Blocks (51sqkm) [1]

Note: [1] In Application

NMR's Completed

- **EPM 11980 Limestone Creek**
 - ✓ Completed 756m of RC drilling and 195m of Diamond drilling at Leanes prospect in Dec 2020 has **confirmed porphyry Intrusions**. [Ref. ASX Announcement 21st Jan 2021]
- **Regional Palmerville**
 - ✓ Completed 30,519 line-KM airborne magnetics survey in May 2023. Initial observation shows a clear **delineation of the Palmerville fault structure** in the northern section of the project area which controls the Fairlight and Glenroy deposits. [Ref. ASX Announcement 14th Jun 2023]
- **EPM 28847 Wrotham**
 - ✓ Strategic initiative to submit a new EPM application in Jun 2023.
 - ✓ Survey revealed **two new magnetic anomalies** on this tenement.
 - ✓ Close proximity of Wrotham to NMR's existing permit further underscores the significance of this move.

FY24 Lookahead

- **Stage 1a – 3D Inversion and Modeling – Nov 23**
 - ✓ 3D Inversion and Modeling of the Airborne Geophysical Survey data to assist target ranking and further ground geophysics survey.
- **Stage 1b – Field Works and Sampling**
 - ✓ Geological mapping and rock chip sampling across Palmerville prospects.
- **Stage 2 – Ground Geophysics Survey to refine Drill Target**
 - ✓ EPM27396 – East Palmerville North
 - ✓ EPM26894 – Palmerville East
 - ✓ EPM11980 – Limestone Creek
- **Stage 3 – Drilling and Assaying**
 - ✓ EPM27396 – Fairlight / Glenroy prospect Reverse Circulation (RC) Drilling (est. 1500m)
 - ✓ EPM26894 – Pinnacle Hill prospect Reverse Circulation (RC) Drilling (est. 500m)
 - ✓ EPM11980 – Leanes prospect Deep Hole Diamond Drilling (DD) (1000m)

Eastern Goldfields – Western Australia

Eastern Goldfields

Commodity: Gold, Lithium, Nickel, PGE, REE

- E37/1362 Music Well East – 58 Sub-Blocks
- E37/1363 Music Well West – 39 Sub-Blocks
- E31/1203 Arcoona – 61 Sub-Blocks
- E24/210 Mt Vettters – 35 Sub-Blocks



NMR's Completed

- **E37/1362 Music Well East**
 - ✓ Collected 78 Samples during the field reconnaissance in Mar 21. Multiple grades **> 3/t Au** with the best result being **>100g/t Au**. [Ref. [ASX Announcement 29th Mar 2021](#)]
 - ✓ Collected 128 samples during the rock chip sampling campaign in Jun 21. Avg grade for all 128 samples is **3.16g/t Au** with 13 sample above **2g/t Au** and best result being **129g/t Au**. [Ref. [ASX Announcement 28th Jun 2021](#)]
 - ✓ Completed 4 diamond drill holes of total 450m drilling in Aug 21. **Intercepted quartz veins at target depth 50m Down-Hole**. [Ref. [ASX Announcement 23rd Sep 2021](#)]
- **E37/1363 Music Well West**
 - ✓ Completed 6,464 Line KM Magnetics Survey in Dec 21 **highlighted a massive area of potential**.
- **E31/1203 Arcoona**
 - ✓ Completed 4,632 Line KM magnetics survey on Dec 21 **delineates greenstones extend beneath the cover at Arcoona**. [Ref. [ASX Announcement 12th Apr 2022](#)]
 - ✓ Completed 352 Ultrafine Soil Sampling in May 22 shows Soil geochemical sampling shows **gold occurrences above regions where greenstones are found on the tenement**. [Ref. [ASX Announcement 17th Apr 2023](#)]

FY24 Lookahead

- **E37/1362 Music Well East**
 - ✓ Trenching of southern target
- **E37/1363 Music Well West**
 - ✓ Surface geochemistry to delineate targets followed by aircore drilling
- **E31/1203 Arcoona**
 - ✓ RC drilling from interpreted soil sampling targets
- **E24/210 Mt Vettters**
 - ✓ Surface geochemistry to delineate targets followed by aircore/auger drilling

Note:

- The above is subject to secure exploration partners in order to facilitate the progression of these planned fieldworks.
- Active discussions is taking place with several interested parties.

Nullarbor Project – Western Australia

Nullarbor Project

Commodity: Gold, Copper, IOCG

- E69/3852 North Nullarbor – 41 Sub-Blocks
- E69/3850 Central Nullarbor – 26 Sub-Blocks
- E69/3849 South Nullarbor – 25 Sub-Blocks
- E69/4035 Mundra East – 196 Sub-Blocks [1]
- E69/4036 Mundra West – 151 Sub-Blocks [1]

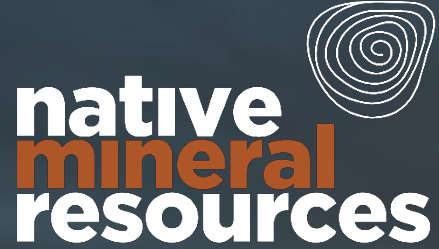
Note: [1] In Application

NMR's Completed

- NMR have completed three geophysics surveys and three drill holes:
 - ✓ E69/3850 Central Drone Magnetic Survey 693 Line-KM in Oct 2021
 - ✓ E69/3852 Helios Drone Magnetic Survey 831 Line-KM in Dec 2021
 - ✓ E69/3852 Helios Phase 1 Diamond Drilling (500m EOH DDH_001) in March 2022
 - ✓ E69/3852 Helios Gravity Survey in June 2023
 - ✓ E69/3850 Central drilling (551.4m EOH DDHC_003) in Aug 2022
 - ✓ E69/3852 Helios Phase 2 Drilling (1020.3m EOH DDH_002) in Sep 2022
- Assay results meet most of the geological and geochemical targeting criteria for **IOCG deposits**. [\[Ref. ASX Announcement 2nd Dec 2022\]](#)
- Comparable to the alteration associated with **Ernest Henry and Olympic Dam IOCG deposits**.

FY24 Lookahead

- Further extensive exploration campaigns are required to uncover the potential of these Nullarbor assets.
- In discussion of strategic decisions to optimise NMR's financial resources towards priority projects.



Thank you for your attendance



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Authorised to release to the ASX by Mr. Blake Cannavo, CEO.

Competent Person Statement

The information that relates to Exploration Targets and Exploration Results is based on, and fairly represents, information compiled by Mr Greg Curnow, a Competent Person, who is a Member of the AIG and AusIMM. Mr Curnow is the Chief Geologist of NMR. Mr Curnow has sufficient experience in both mining and exploration, which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity he is undertaking, 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 Curnow consents to the inclusion of the matters based on his information in the form and context in which it appears.

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