



# KANOWNNA GOLD PROJECT ACQUISITION

EXPLORING FOR HIGH GRADE GOLD IN THE  
SHADOWS OF A +7MOZ AU DEPOSIT

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INVESTOR PRESENTATION FEBRUARY 2024

ASX: CMO | [COSMOMETALS.COM.AU](https://cosmometals.com.au)

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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).

The information that relates to Mt Venn Exploration Target and the Kanowna Gold Project was first reported by the Company in its announcement to the ASX on 16 February 2023 and 17 January 2024, respectively. The Company is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcement.

**Exploration Results:** The information in this presentation concerning exploration results on Great Boulder Resources (ASX:GBR) projects is contained in ASX announcements available on GBR’s website, [www.greatboulder.com.au](http://www.greatboulder.com.au). GBR confirms that it is not aware of any new information concerning exploration results that materially affects the information included in its ASX announcements

Authorised for release by the Managing Director James Merrillees.

# COSMO METALS ASSET OVERVIEW

## High Quality Gold & Base Metal Exploration Projects in Western Australia

### Gold

#### Kanowna, Kalgoorlie<sup>1</sup>

- ✓ Within 4km of the operating +7Moz Kanowna Belle gold mine
- ✓ Proven shallow, high-grade gold potential: 18m @ 5.3 g/t Au & 10m @ 4.7 g/t Au
- ✓ Extensive pipeline of untested, drill ready targets

### Lithium

#### Wurnda, East Laverton

- ✓ 480km<sup>2</sup> applications 40km north-west of Yamarna
- ✓ +60km strike of anomalous lithium & LCT pegmatite pathfinder elements
- ✓ Belt scale potential

### Copper / Nickel / Vanadium Yamarna, East Laverton

- ✓ Multiple Cu-Ni-Co sulphide Discoveries & large Cu endowment
- ✓ Recent Minjina Zn-Pb-Ag-Cu Discovery – High Priority, drill ready follow up targets
- ✓ Emerging belt scale vanadium play (up to 1.5% V<sub>2</sub>O<sub>5</sub> rock chips)

### Copper / Nickel / PGE Winchester, East Laverton

- ✓ Magmatic hosted polymetallic (Cu-Ni-Co-PGE) mineralisation
- ✓ Defined Cu-Ni-Co sulphide mineralisation (up to 1.8% Cu intersected)
- ✓ Mineralisation open along strike and at depth



1. Subject to completion of the acquisition by CMO

# PRO-FORMA CAPITAL STRUCTURE

*Tight capital structure & supportive shareholder base, compelling leverage*



## 126.4M Shares on Issue

- 65.7M Existing Shares on Issue
- 8.9M Placement Shares
- 16.7M Accelerated Institutional Entitlement Offer Shares
- 27.1M Underwritten Retail Entitlement Offer Shares
- 8M Kanowna Gold Project Acquisition Shares\*

## \$5.0M Market Cap

Assuming 4.0cps Capital Raising Price

## \$2.5M Enterprise Value

## ~\$2.5M Cash

- \$84k Cash Balance as at 31 Dec 23
- \$300k Placement (17 Jan 24)
- \$2.1M Placement + ANREO (19 Feb 24)

## ~71% Top 20 Ownership

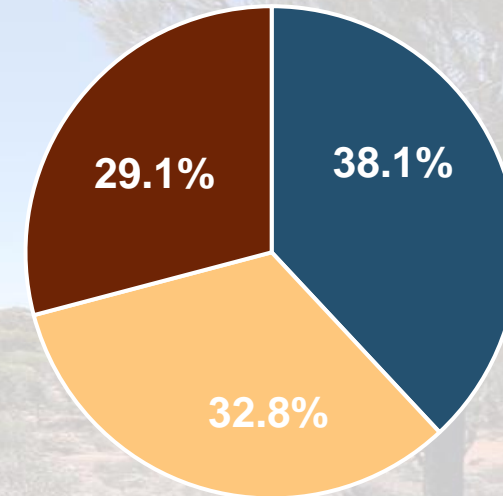
Pre-Raise, as at 31 January 2024

## 62.3M Options

Avg. Exercise Price 10cps  
Expiring from 31 Jan 25 to 31 Mar 27

## CMO ASX Code

## Current Major Shareholders



 **Great Boulder**  
RESOURCES LIMITED

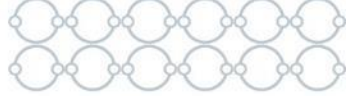
 **Top 20 Shareholders**

 **Other Shareholders**

\* Acquisition shares and attaching options subject to CMO shareholder approval

# BOARD & MANAGEMENT

*Experienced team with track record of discovery*



**Peter Bird**  
Non-Executive Chairman  
Geologist/ Capital Markets

Well known and highly respected mining industry executive with extensive experience covering senior technical, management, investor relations and human resources positions with major mining companies such as WMC, Newmont and Normandy Mining.

Mr Bird has extensive expertise in equity markets, investor relations and has served at Board and executive level with ASX and UK listed resource companies.



**Andrew Paterson**  
Non Executive Director  
Geologist

Geologist with more than 25 years' experience in mining and exploration in Australia and PNG starting with gold and nickel mining operations around the WA Goldfields before moving into a management role with Harmony Gold. Since then, Mr Paterson has managed diverse programs exploring for gold, nickel, iron ore and lithium for companies including Atlas Iron and Focus Minerals.

Mr Paterson is currently the Managing Director of advanced WA gold explorer Great Boulder Resources (ASX:GBR).



**James Merrillees**  
Managing Director  
Exploration/ Capital Markets

Geologist with more than 25 years' global experience in minerals exploration and development. He has held senior technical and corporate roles with ASX-listed and private explorers including the management of teams involved in greenfields discoveries of gold, base metals, uranium and bulk commodities globally.



**Melanie Ross**  
Company Secretary & CFO  
Corporate/ Accountant

+20 years' experience in corporate advisory and accounting focused on the resource industry. Previous roles at Hall Chadwick and Qantas Group. Currently Company Secretary/ CFO of Celsius Resources (ASX:CLA), Great Boulder Resources (ASX:GBR), Redbank Copper (ASX:RCP) and Lycaon Resources (ASX:LYN)

# KANOWNNA GOLD PROJECT HIGHLIGHTS

*Underexplored Project Neighbouring Several World Class Gold Mines*



## LOCATED ALONGSIDE KANOWNNA BELLE IN KALGOORLIE

Adjacent to an operating +7Moz gold mine with +5.4Moz gold produced



## HISTORICAL HIGH GRADE GOLD DRILL INTERCEPTS

44m @ 2.4g/t Au fr 24m incl. 18m @ 5.3 g/t Au  
50m @ 1.2 g/t Au fr 30m to EOH incl. 10m @ 4.7 g/t Au



## STRATEGIC, CONTIGUOUS TENURE

10 granted PL's; 2 pending PL's. Several targets including WKL & Dugite are very underexplored and have Kanownna Belle style potential



## PIPELINE OF DRILL READY TARGETS

Limited historical drilling deeper than 100m with untested structures interpreted to connect to Kanownna Belle



## SEVERAL OPERATING MILLS NEARBY

Outstanding mine & process infrastructure. 15 minutes from Kalgoorlie via sealed roads



## ATTRACTIVE RERATE POTENTIAL & LEVERAGE TO EXPLORATION SUCCESS

Low EV (~\$3M), Supportive shareholder base - Top 20 own ~70%, Funded to explore (+\$2M cash)

# KANOWNNA GOLD PROJECT

Shadow of +7Moz Au deposit

## 20 km<sup>2</sup> tenure in 12 contiguous Prospecting Licences

- 10 PLs granted in 2023, heritage agreements in place
- Two PLs pending (grant imminent)
- 100% owned\*

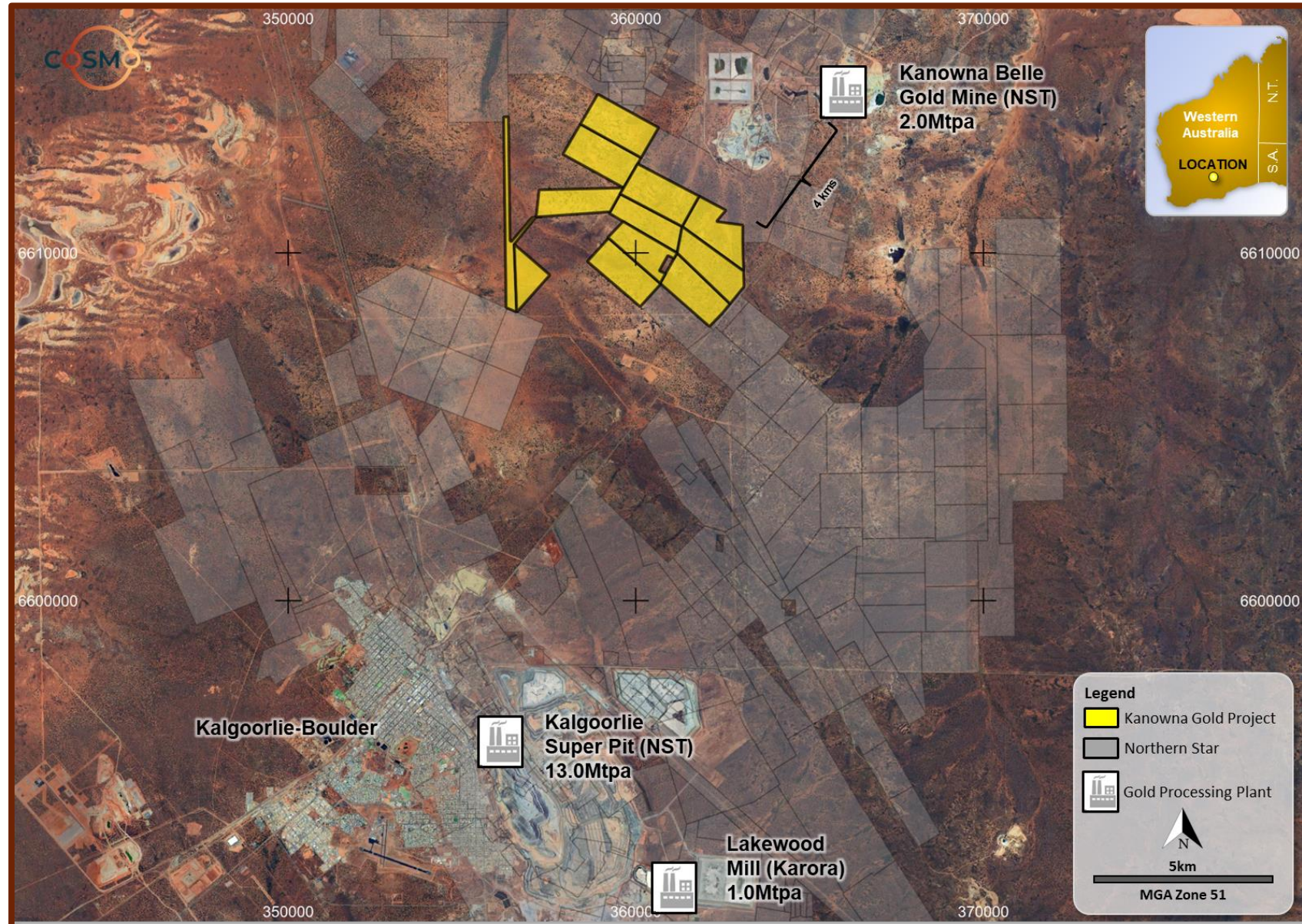
## Location

- Borders NST's Kanownna Belle Gold Mine (produced +5.4Moz Au since 1993)
- 15 minutes from Kalgoorlie with bitumen access
- Low overheads & expenditure commitments

## Leveraged & low-cost transaction

- \$200k upfront cash (\$100k paid)
- 8.0M CMO Shares
- \$200k cash payment in 6-months
- 0.5% N.S.R

\* Subject to completion of the acquisition by CMO



# KANOWNNA GOLD PROJECT

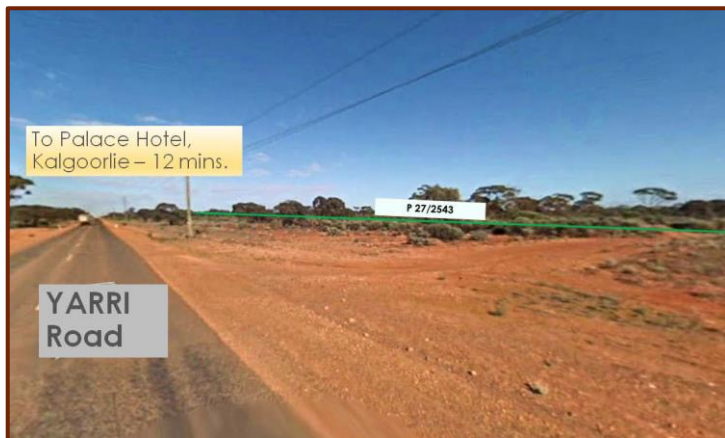
*Shadow of +7Moz Au deposit*

## Significant gold intercepts from historical drilling at Don Álvaro<sup>1</sup>:

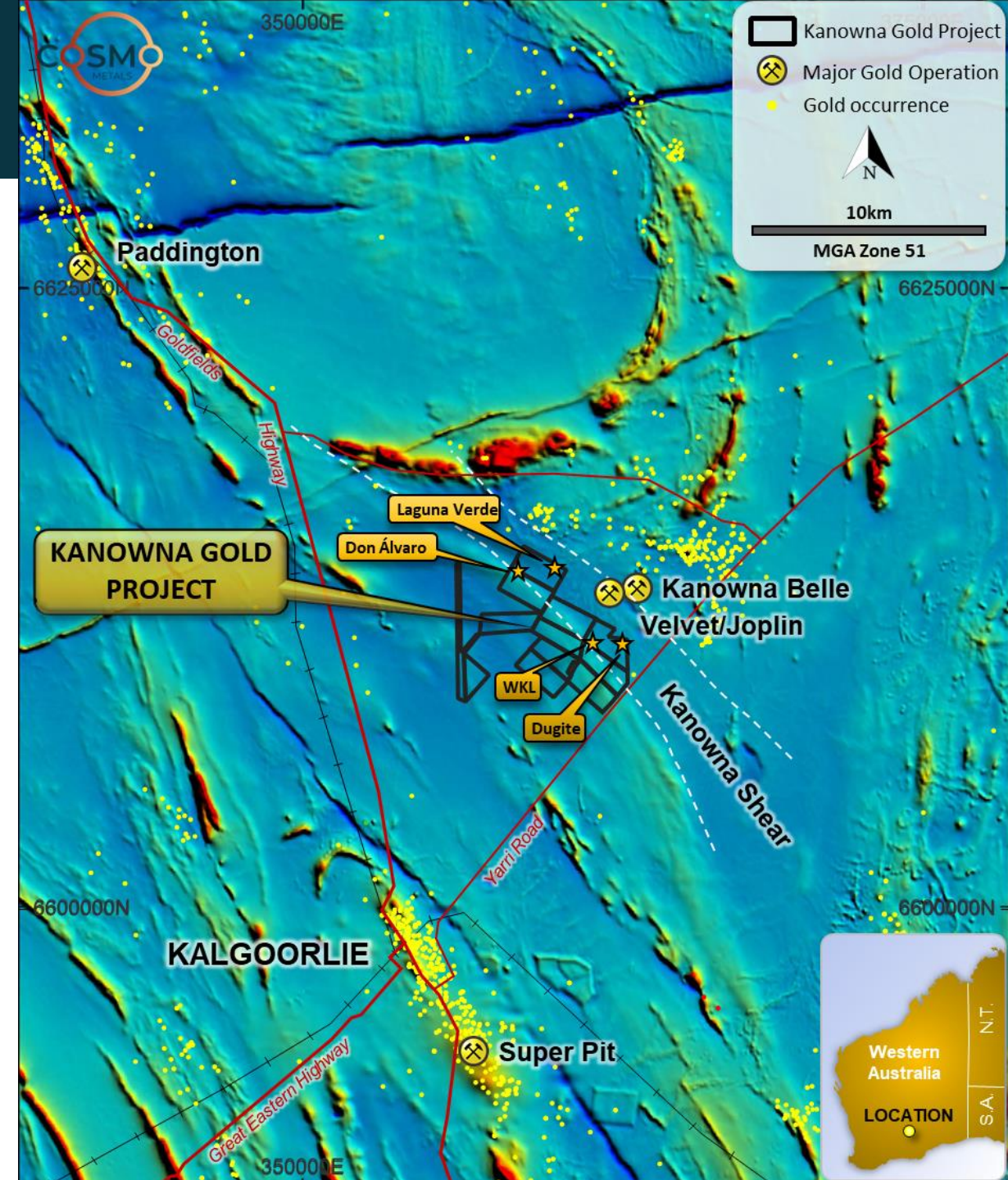
- 44m @ 2.4g/t Au from 24m incl. **18m @ 5.3 g/t Au**
- 50m @ 1.2 g/t Au from 30m to EOH incl. **10m @ 4.7 g/t Au**

## Platform for discovery from historical exploration with scale:

- Compelling saprolite & basement targets to follow up with RC drilling
- Limited effective drilling (only 12 drill holes >150m)
- Untested structures interpreted to connect to the Kanownna Belle system
- Kanownna Shear at the KGP tested by shallow vertical AC drilling on 200-400m line spacing targeting **northwest oriented** structures
- Prospective **northeast trending** lineaments at WKL, Dugite. Laguna Verde & Don Álvaro have not been tested



<sup>1</sup> Refer CMO ASX Announcement dated 17 January 2024





# DRILL READY

## Pipeline of prospects for follow up

### Don Álvaro<sup>1</sup>

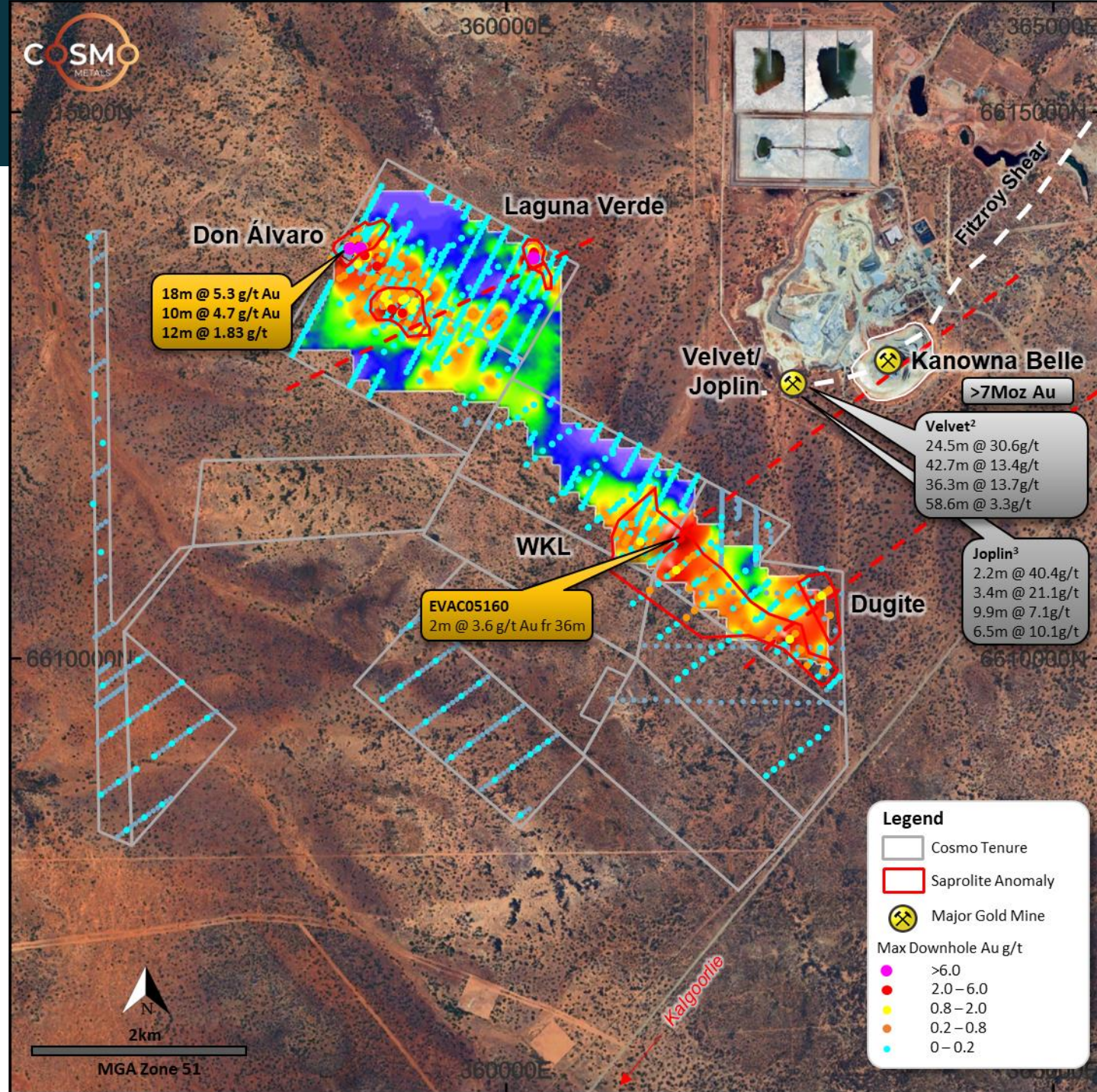
- High grade historical RC intercepts: **18m @ 5.3 g/t Au & 10m @ 4.7 g/t Au**
- Broad lower grade intervals including 60m @ 0.46 g/t Au from 40m to EOH (FVRC 049)
- Structural target with scale potential

### WKL/Dugite<sup>1</sup>

- Broad (1.2km x 500m) supergene Au anomaly with consistent Au at basement interface
- Maximum down hole historical intercept from last hole on a drill line **2m @ 3.6 g/t Au from 36m** (EVAC05160)

### Laguna Verde

- High grade gold results 1996-1998 (i.e. **3m @ 5.1g/t Au**), undrilled 1998-2018
- Historical AC drilling in 2019 noted Laguna Verde was open along strike and at depth but not followed up so **no RC drilling completed since 1998**



<sup>1</sup> Refer CMO ASX Announcement dated 17 January 2024

<sup>2</sup> Refer NST ASX Announcement 24 May 2016

<sup>3</sup> Refer NST ASX Announcement 21 November 2023

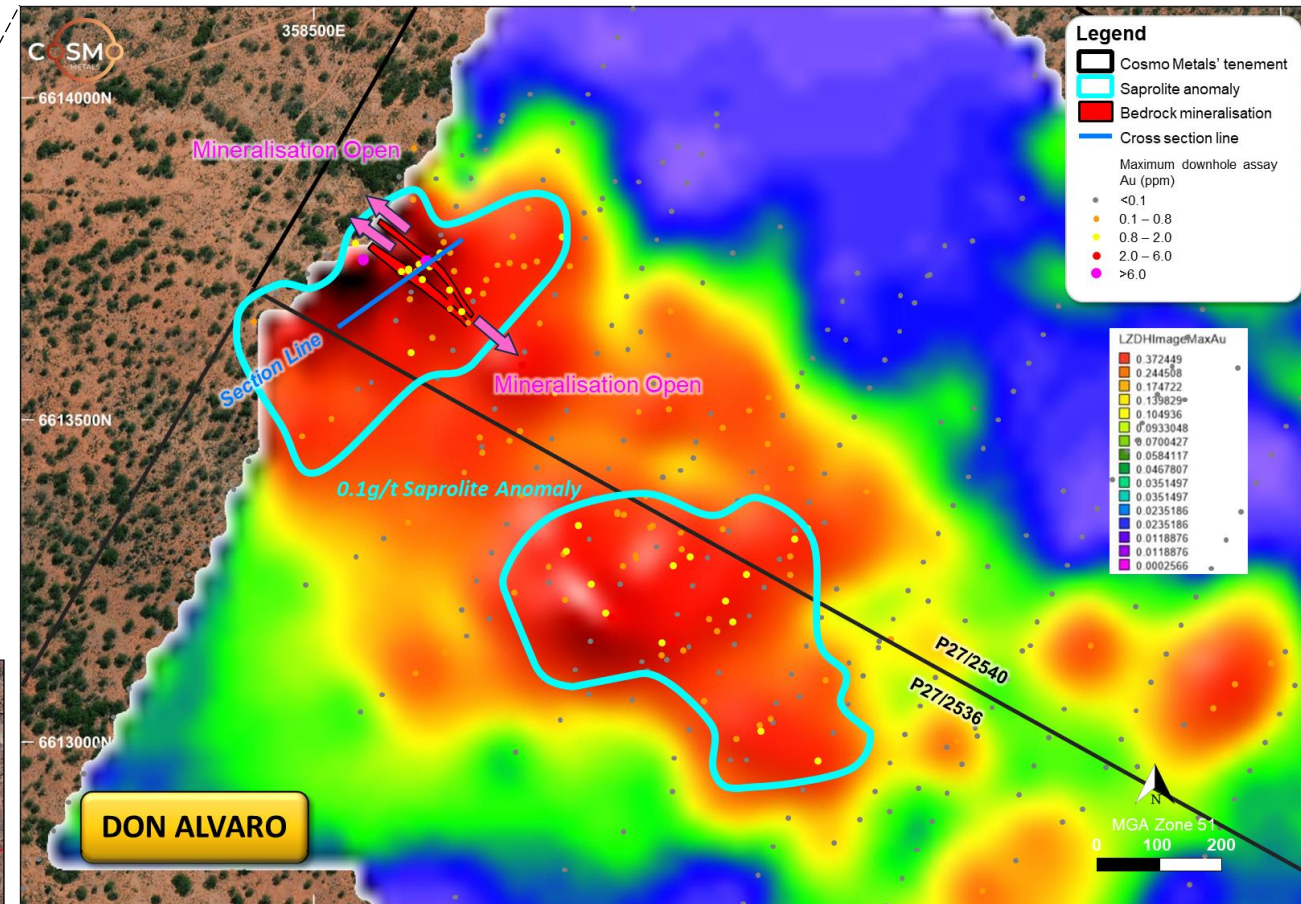
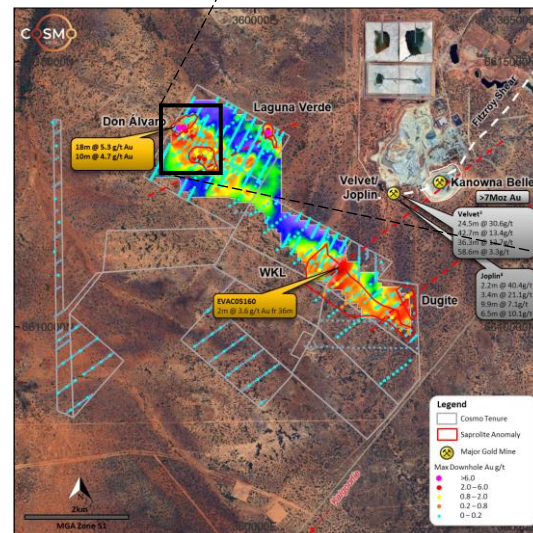
# DON ÁLVARO

## Extensions and new structural zone identified

- Headline RC intercepts
  - 44m @ 2.4g/t Au from 24m, including 18m @ 5.3 g/t Au from 18m (FVRC50)
  - 50m @ 1.2 g/t Au from 30m to EOH including 10m @ 4.7 g/t Au from 32m (FVRC052)
  - 12m @ 1.83 g/t Au from 135m (FVRC104)
- Broad lower grade intervals
  - 60m @ 0.46 g/t Au from 40m to EOH (FVRC 049)
- Historically drilled vertically or towards the northeast
- Structural target with grade & scale potential

### Next Steps

RC drilling to target higher grade extensions along strike and at depth



# WKL & DUGITE

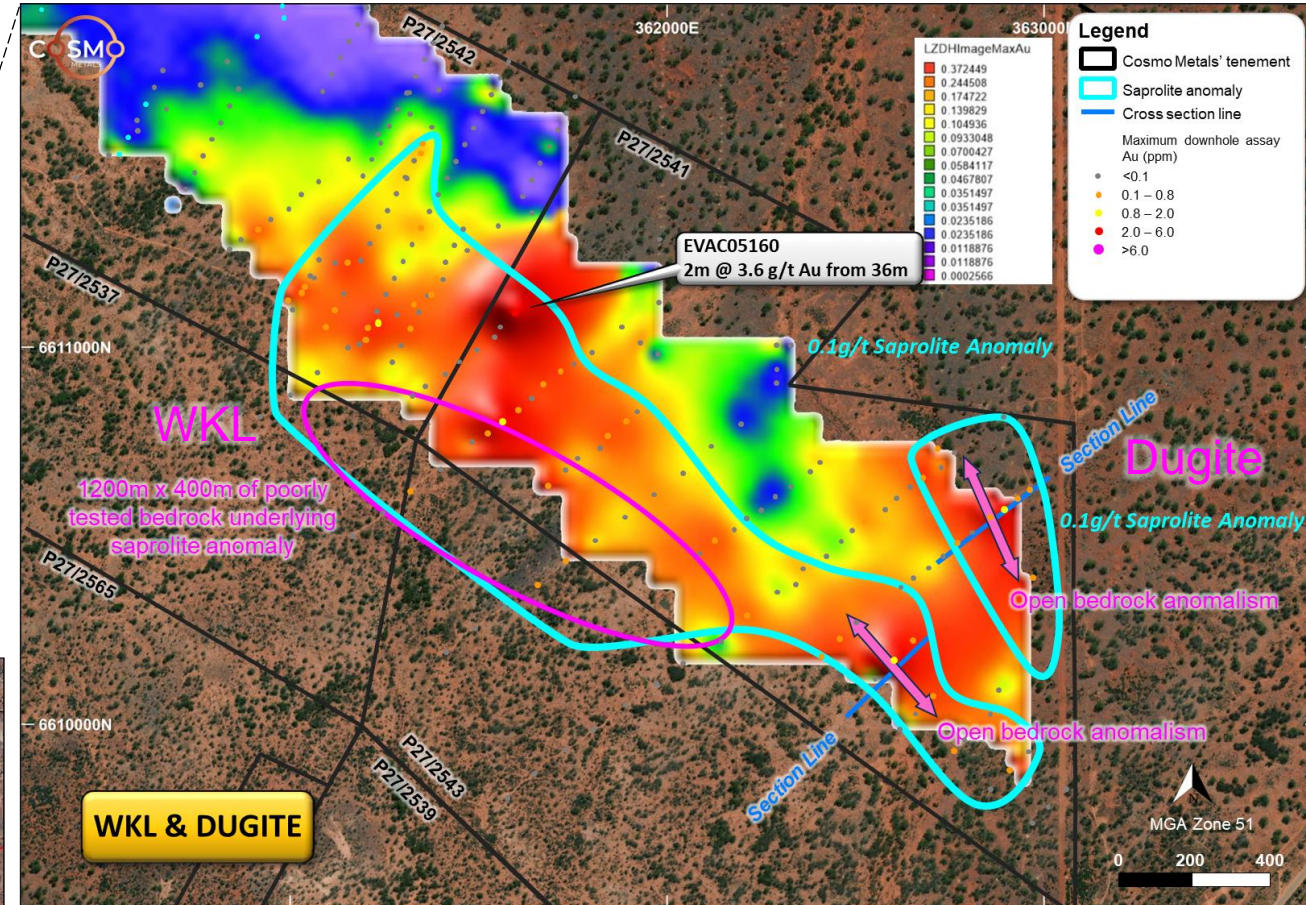
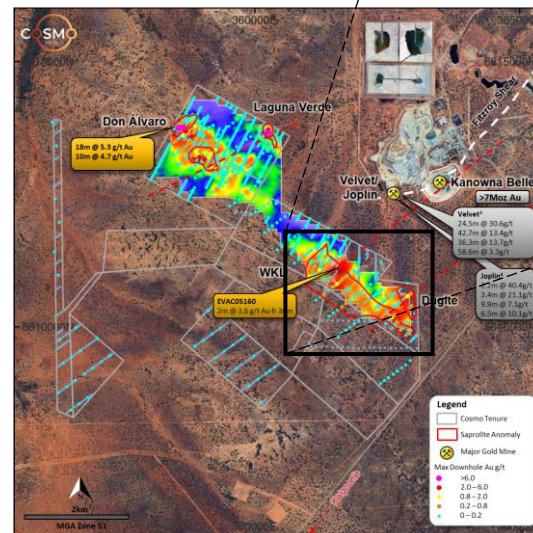
## Extensions and new structural zone identified

- Widespread, near surface gold mineralisation associated with NE trending lineaments which extend from the KGP towards the +7Moz Kanowna Belle deposit (not previously tested)
- AC drilling completed in 2019 on 200m line spacing to an average depth of 60m identified broad basement anomalism
  - Highest grade intercept of **2m @ 3.6 g/t Au from 36m** (EVAC05160)
- EVAC05160 was the last hole drilled on a fence of holes and was never followed up, remaining open along strike and at depth
- Remains untested at depth with no RC & diamond drilling completed to date

### Next Steps

RC (or diamond) drilling to target high priority defined & untested bedrock anomalies

Auger soils & infill AC drilling to define higher grade zones



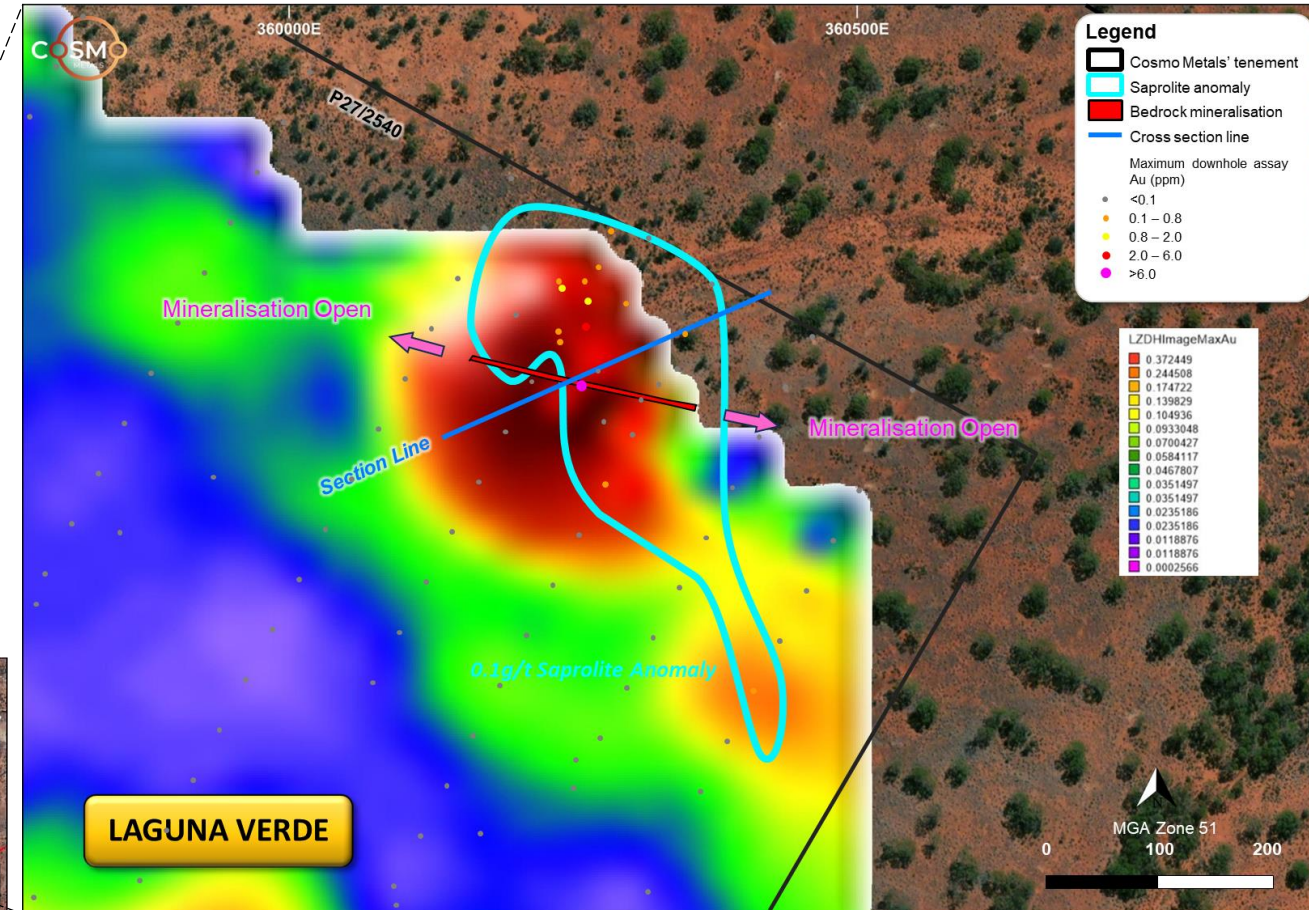
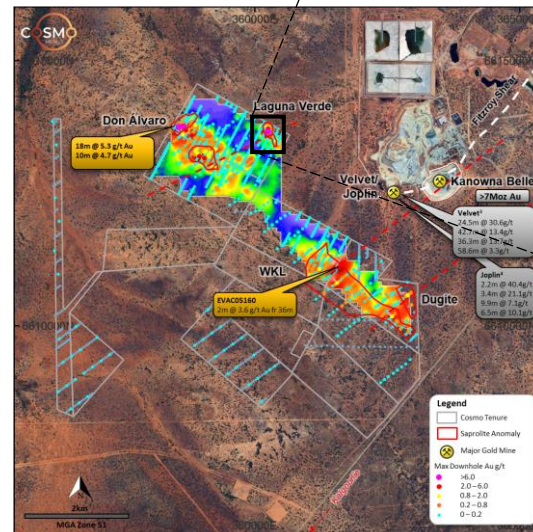
# LAGUNA VERDE

*Open along strike and at depth*

- ~1.6km east of Don Álvaro
- High grade gold results 1996-1998, undrilled 1998 - 2018
- Multiple significant historical intercepts with limited to no follow up
  - 8m @ 1.5g/t Au from 40m (FVRC15)
  - 8.5m @ 1.32g/t Au from 132m to EOH incl. 3m @ 5.1g/t Au from 135m (FVRC 48)
- Historical AC drilling in 2019 was open along strike & at depth but not followed up so **no RC drilling completed since 1998**
- No work since 2019

## Next Steps

RC drilling to target structural position & high-grade extensions along strike and at depth



# YAMARNA PROJECT

Energy metals focus with Minjina discovery tip of the iceberg



## Dominant Land Position in the Yamarna Province

- >1,000km<sup>2</sup> of prospective tenure in an emerging base metals, lithium and gold province
- 25km west of +7Moz Gruyere Gold Mine (GOR:GFI)

## Minjina Base Metals (Zn-Pb-Ag-Cu) Discovery<sup>1</sup>

- Analogous to world class VMS deposits e.g. Golden Grove, Teutonic Bore
- 7m @ 3.20% Zn, 0.82% Pb, 11.84 g/t Ag from 73m (MIRC003)
  - incl. 2m @ 5.0% Zn, 1.4% Pb, 18.83 g/t Ag from 76m
- 11m @ 1.03% Zn, 0.22% Pb, 0.15% Cu, 33.50 g/t Ag from 212m (MIRC013)
- High priority DHEM and structural targets for RC drill testing

## Narragene Base Metals & Vanadium

- Highest nickel grades in the Yamarna Province with no exploration for >15 years
- Drill-ready Cu-Ni target with VMS and Vanadium prospectivity identified

## Wurnda Lithium – Belt Scale Potential

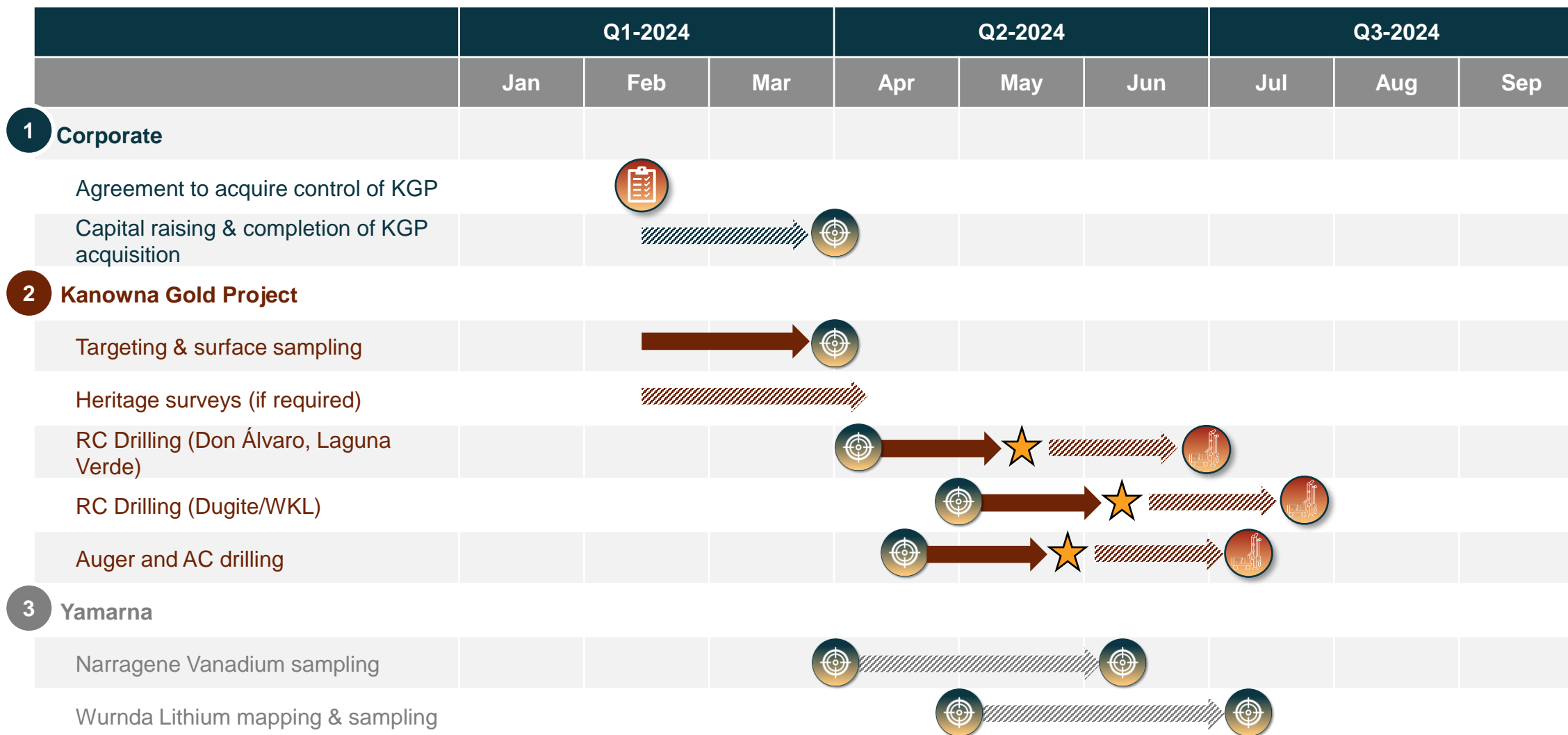
- 480km<sup>2</sup> applications 40km north-west of Mt Venn
- 60km long belt of anomalous lithium and associated LCT pegmatite pathfinder elements



<sup>1</sup> Refer CMO ASX Announcements dated 23 January, 16 February & 12 May 2023

# STRONG NEWSFLOW & VALUE CATALYSTS

*Unlocking value through discovery*



\* *Indicative timetable*



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