

# A PREMIER MINERAL EXPLORATION AND DEVELOPMENT COMPANY

STAND-ALONE DEVELOPMENT
OPPORTUNITY AND EXCEPTIONAL
DISCOVERY POTENTIAL AT ANTIPA'S
100% OWNED GOLD-COPPER PROJECTS

Ignite Investment Summit Hong Kong

ASX: AZY | March 2025



### **DISCLAIMER**

Refer to Antipa Minerals ASX release 24 October 2024 "Minyari Scoping Study Update Confirms Development Potential", for full Scoping Study details. Antipa Minerals confirms that it is not aware of any new information or data that materially affects the information included in that release. All material assumptions and technical parameters underpinning that release continue to apply and have not materially changed.

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Competent Persons Statement - Exploration Results: Please refer to the detailed statement at the end of this document.

Competent Persons Statement - Mineral Resource Estimations: for the Minyari Dome Project Deposits, Chicken Ranch Deposit and Tim's Dome deposit: Please refer to detailed statement at end of this document.

Australian Dollars: All figures in Australian Dollars unless stated otherwise.

**Release Authorised by:** Roger Mason - Managing Director and CEO.



### **ACKNOWLEDGEMENT OF COUNTRY**

ANTIPA MINERALS ACKNOWLEDGES
THE TRADITIONAL CUSTODIANS OF
COUNTRY THROUGHOUT AUSTRALIA
AND THEIR CONNECTIONS TO LAND,
SEA AND COMMUNITY

WE PAY OUR RESPECT TO THEIR ELDERS
PAST AND PRESENT, EXTENDING THAT
RESPECT TO ALL ABORIGINAL AND TORRES
STRAIT ISLANDER PEOPLES TODAY





### **ABOUT ANTIPA MINERALS**

#### **OUTSTANDING** LAND **PACKAGE**

Over 4,060km<sup>2</sup>

Proximal to the Telfer mine and Havieron and Winu development projects

**SIZEABLE EXISTING MINERAL RESOURCE** 

Large growth potential

2.42 Moz of gold, 84,000 t of copper, and 661 koz of silver<sup>1</sup>

**PROVEN DEVELOPMENT OPPORTUNITY** 

2024 Scoping Study<sup>2</sup>

NPV<sub>7%</sub> A\$834M pre-tax at A\$ 3,000 /oz gold

LARGE-SCALE **NEW DISCOVERY POTENTIAL** 

Blue sky potential

Greenfield and brownfield opportunities to grow Resource base

**EXCELLENT FINANCIAL FOUNDATION** 

A\$37M cash position<sup>3</sup>

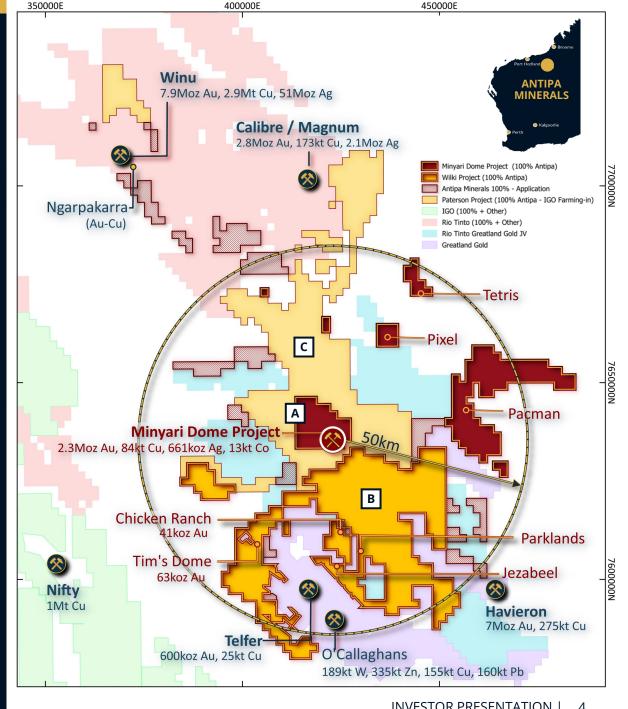
Bullet-proof balance sheet enables rapid project growth and advancement

**MAJOR DRILLING PROGRAMMES SET TO COMMENCE** 

Minyari Dome and Wilki

Unlocking new mineral systems at Antipa's 100% owned projects

- 1. Inclusive of Antipa's 100% owned Minyari Gold Project and 100% owned Wilki Project.
- 2. Refer to ASX announcement dated 24 October 2024, "Minyari Dome Scoping Study Update Confirms Development Potential"
- 3. As at 31 December 2024.





### **SIGNIFICANT MILESTONES DELIVERED IN Q4 CY2024**

#### LIBERATED LATENT VALUE



#### **CITADEL JV EXIT**

A\$17 million cash sale to Rio Tinto<sup>1</sup>

Monetised a non-core, minority interest



#### **BULLET-PROOF BALANCE SHEET**

A\$16 million placement<sup>2</sup>

Minyari funded through technical study phases

### **BOOSTED PROJECT ECONOMICS**



#### **RESOURCE GROWTH**

Now a 2.3 Moz gold Resource<sup>3</sup>

+573 koz gold for a 33% increase



#### **SCOPING STUDY UPDATE**

Stand-alone, +10 years at 130 koz pa gold

Exceptional economics with further upside potential

#### **FURTHER EXPLORATION SUCCESS**



# MULTIPLE GREENFIELD AND BROWNFIELD DISCOVERIES

New mineral systems unlocked



GEO-01 Main Zone



Fiama Minella



Minyari Southeast

 $\mathbf{V}$ 

Minyari South

PLUS +++ ANTIPA CONFIRMED AS RETAINING 100% OF WILKI PROJECT AND HIGH PRIORITY PARKLANDS TARGET<sup>5</sup>

<sup>1.</sup> For further details of the Company's sale of its Citadel Joint Venture Interest to Rio Tinto, refer Antipa Minerals ASX release dated 25 October 2024, "A\$17 Million Citadel Joint Venture Interest Sale Completes".

<sup>2.</sup> For further details of the Company's placement, refer Antipa Minerals ASX release dated 19 December 2024, "Successful Completion of A\$16M Equity Placement".

<sup>3.</sup> For full details of Antipa's 100% owned Minyari Dome Project Mineral Resources Estimate, please refer to ASX release dated 17 September 2024, "Minyari Dome Project Grows by 573,000 oz gold".

 $<sup>4. \,</sup> Refer \, Minyari \, Dome \, Project \, Scoping \, Study \, Update, \, 24 \, October \, 2024 \, (completed \, to \, \pm 35\% \, level \, of \, accuracy).$ 

<sup>5.</sup> Refer to ASX release dated 4 March 2025, "Antipa to Retain 100% Ownership of Wilki Project".







### MINYARI DOME GOLD PROJECT

100% Antipa

### **SIGNIFICANT SEPTEMBER 2024 MINERAL RESOURCE UPDATE**

2.9 Moz GOLD EQUIVALENT RESOURCE1

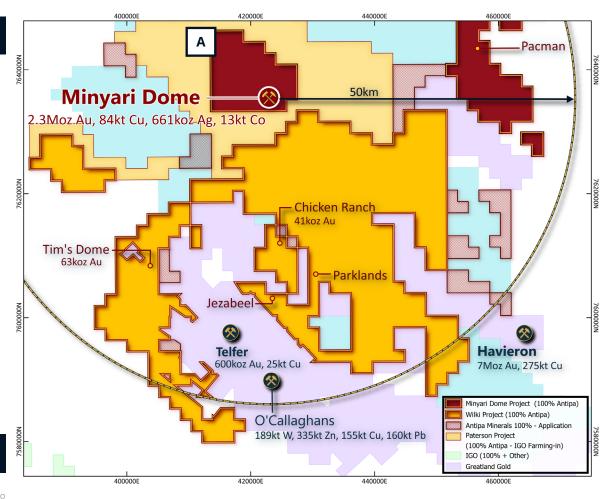


2.3 Moz CONTAINED GOLD-ONLY

INDICATED 1.7 Moz GOLD AT 1.6 g/t GOLD

### **INCREASES AND ENHANCES RESOURCE SCALE**

- 1. Antipa's 100% owned Minyari Dome Project MRE only.
- 2. Havieron refer to Greatland Gold plc AIM release dated 21 December 2023, "Havieron Mineral Resource Estimate Update". Winu refer to Rio Tinto Ltd ASX release dated 22 February 2023, "Changes to Ore Reserves and Mineral Resources". Telfer and O'Callaghans refer to Newmont Corporation ASX release dated 23 February 2024, "PR as issued - 2023 Reserves and Resources". Nifty refer to Cyprium Metals Ltd ASX release dated 14 March 2024, "Updated Nifty MRE Reaches 1M Tonnes Contained Copper". Calibre refer to Antipa release dated 26 August 2024, "Calibre Gold Resource Increases 19% to 2.5 Moz - Citadel JV". Magnum refer to Antipa release dated 23 February 2015, "Calibre and Magnum Deposit Mineral Resource



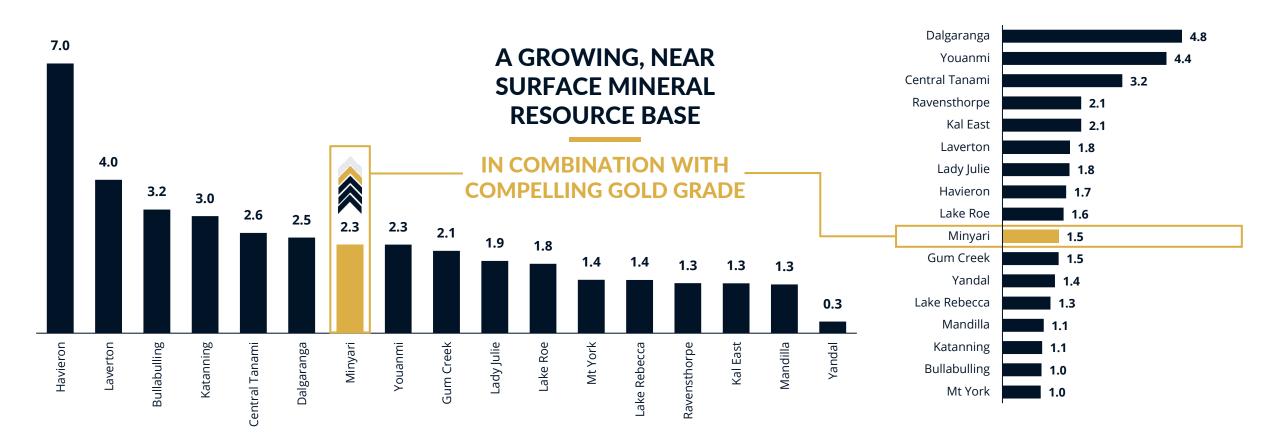
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### MINYARI DOME GOLD PROJECT

One of Australia's top gold development projects

**GOLD-ONLY CONTAINED RESOURCE OUNCES (Moz Gold)**<sup>1,2</sup>

**RESOURCE GRADE (g/t Gold)** 



<sup>1.</sup> Excludes Antipa's Mineral Resources Estimate non-gold metals: 84kt of copper, 661koz of silver and 13kt of cobalt; equal to a gold equivalent 600koz. See Appendix for gold equivalent (Aueq) calculation parameters and full references.

2. For full details of Antipa's 100% owned Minyari Dome Project Mineral Resources Estimate, please refer to ASX announcement dated 17 September 2024, "Minyari Dome Project Grows by 573,000 oz gold".



### **MINYARI DOME GOLD PROJECT**

Exceptional development potential confirmed

### **MINE SCHEDULE**

30.2 Mt at 1.5 g/t Au

Initial open pit and underground mine

### MINING **PHYSICALS**

3 Mtpa throughput

For 10+years initial processing life

### INITIAL **GOLD OUTPUT**

1.3 Moz

Average of 130 koz pa for the first 10 yrs

NPV<sub>7%</sub>

A\$834M

Pre-tax at A\$3,000/ozgold **IRR** 

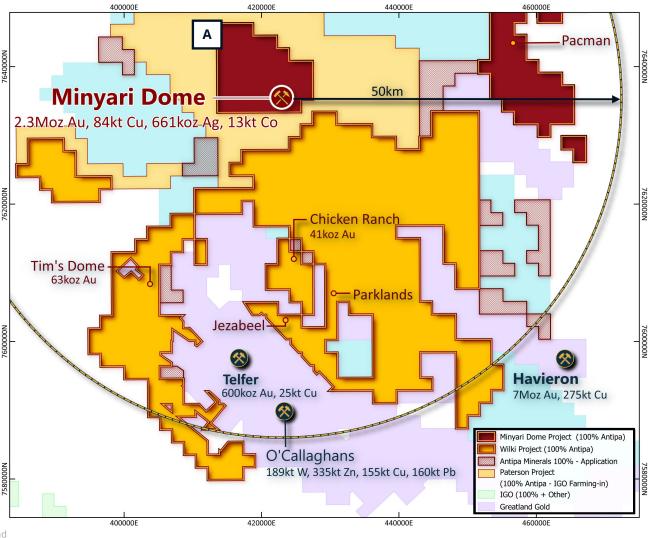
52%

Pre-tax at A\$3,000/ozgold

### **CAPITAL COST**

A\$306M

Induding A\$ 90 M pre-production mining



- 1. Refer Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy.
- 2. Havieron refer to Greatland Gold plc AIM release dated 21 December 2023, "Havieron Mineral Resource Estimate Update". Telfer and O'Callaghans refer to Newmont Corporation ASX release dated 23 February 2024, "PR as issued - 2023 Reserves and Resources".



### MINYARI DOME PROJECT SCOPING STUDY: OCTOBER 20241



**TECHNICALLY REAFFIRMED AND** ROBUST, WITH **SUBSTANTIALLY ENHANCED ECONOMICS** 

> **STAND-ALONE DEVELOPMENT OPPORTUNITY**



**STRATEGICALLY SIGNIFICANT LOCATION IN A** WORLD-CLASS **GOLD-COPPER DISTRICT** 

**CAPTURING STRONG INVESTOR INTEREST** 



SIMPLE, NON-REFRACTORY **METALLURGY SUPPORTS A** STANDARD CIL **PLANT DESIGN** 

WITH ESTIMATED **GOLD RECOVERIES OF 90%** 



**EXISTING ROAD** AND PORT, PLUS **ESTABLISHED PROCESSING** INFRASTRUCTURE

**LOGISTICS BENEFITS** AND DEVELOPMENT **FLEXIBILITY** 



**PROJECT ECONOMICS HIGHLY LEVERAGED** TO FURTHER **EXPLORATION SUCCESS** 

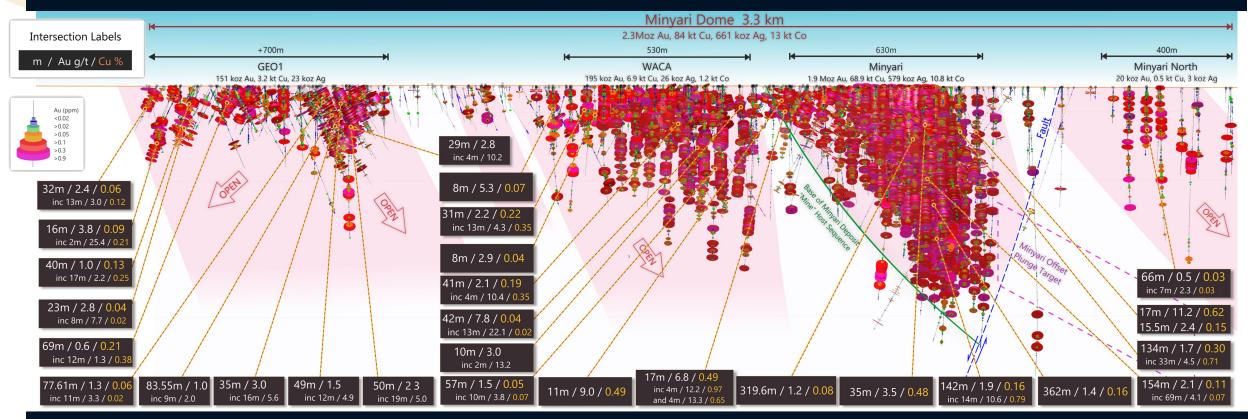
**ADDITIONAL VALUE** DRIVERS YET TO BE **UNLOCKED** 



### **CY2025 DRILLING PROGRAMMES**

Multiple gold-copper targets across Minyari Dome – Including Resource extension targets

### **MINYARI DOME LONG SECTION: LOOKING WEST**



#### PRIORITY RESOURCE EXTENSION TARGETS:

- **GEO-01 Area:** Open at depth at multiple deposits:
  - 37 drill holes for 8,640 metres

- Minyari South: Open down plunge:
  - 13 drill holes for 2,130 metres

- **Minyari SE + East:** Open mineralisation + target:
  - 18 drill holes for 3,800 metres

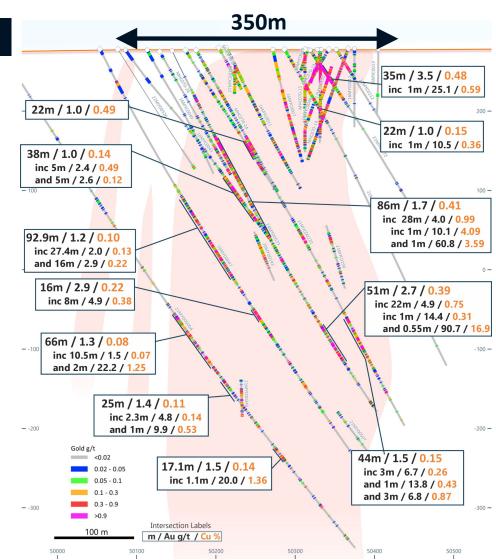


### MINYARI DEPOSIT CY2024 RESOURCE DEFINITION

Highlights the exceptional size and quality of the orebody

### MRE: 1.9 MOZ GOLD, 69 KT COPPER, 579 KOZ SILVER AND 11 KT COBALT

- Outstanding CY2024 Phase 2 high-grade gold + copper intersections:
  - 86m at 1.7 g/t gold and 0.41% copper from 121m down hole in 24MYD0533, including:
    - **28m at 4.0 g/t gold and 1.0% copper** from 124m
  - 51m at 2.7 g/t gold and 0.39% copper from 396m down hole in 24MYD0533, including:
    - 22m at 4.9 g/t gold and 0.75% copper from 418m
  - 75.6m at 1.6 g/t gold and 0.10% copper from 0m down hole to end of hole in 24MYD0534, including:
    - 14m at 6.8 g/t gold and 0.40% copper from 15m
- Previous high-grade gold + copper intersections:
  - 35m at 3.5 g/t gold and 0.48% copper from 20m down hole in 21MYC0272
  - 154m at 2.1 g/t gold and 0.11% copper from 9m down hole in 16MYC0045
  - 142m at 1.9 g/t gold and 0.16% copper from 294m down hole in 21MYCD0200
  - **362m at 1.4 g/t gold and 0.16% copper** from 230m down hole in 21MYCD0216
  - 320m at 1.2 g/t gold and 0.10% copper from 219m down hole in 21MYCD0340
- Orebody starts from surface with zero to a max of 15 metres of sand cover
- Targets identified for Minyari mineralisation extensions and repeats
- Further Mineral Resource growth expected in CY2025

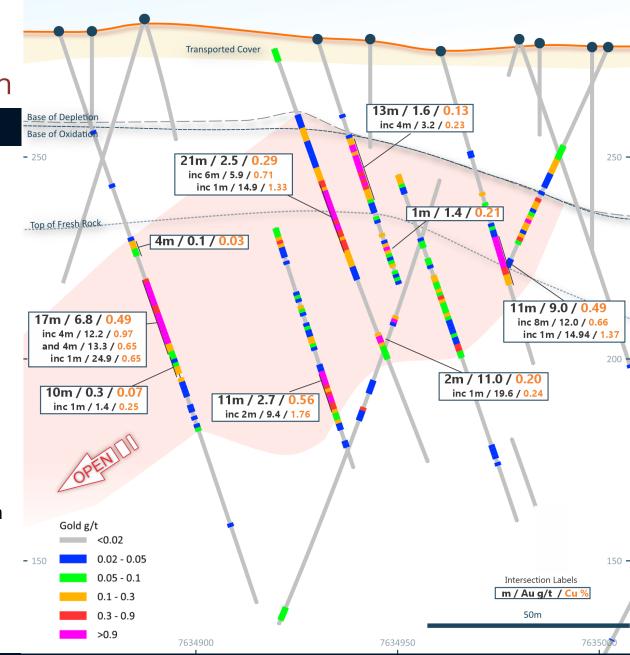


# **MINYARI SOUTH**

One of eight targets poised for material growth

### MRE: 22 KOZ OF GOLD, 900T OF COPPER AND 5 KOZ SILVER

- Significant near-surface high-grade gold mineralisation extension:
  - 17m at 6.8 g/t gold and 0.50% copper from 65m down hole in 24MYC0653, including:
    - 4m at 12.2 g/t gold and 1.00% copper from 68m
    - 4m at 13.3 g/t gold and 0.65% copper from 76m
  - 11m at 9.0 g/t gold and 0.49% copper from 54m down hole in 21MYC0266, including:
    - 8m at 12.0 g/t gold and 0.66% copper from 54m
  - 21m at 2.5 g/t gold and 0.29% copper from 44m down hole in 18MYC0146, including:
    - 6m at 5.9 g/t gold and 0.71% copper from 49m
  - 11m at 2.7 g/t gold and 0.56% copper from 98m down hole in 21MYC0267, including:
    - 2m at 9.4 g/t gold and 1.76% copper from 99m
- Mineralisation starts just 25m below the surface and remains open in several directions
- Material Mineral Resource growth expected H1 CY2025



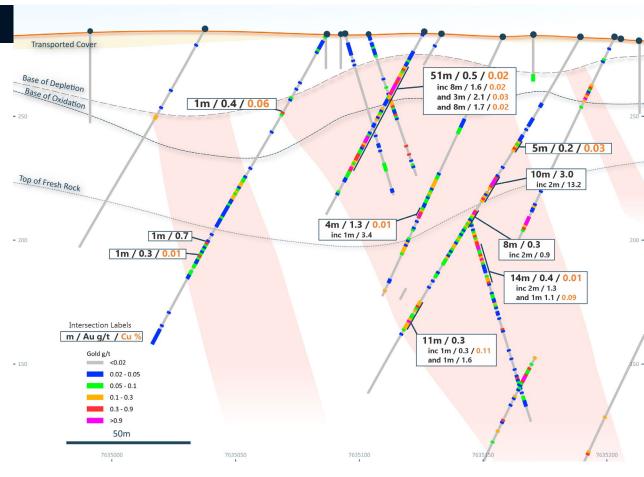


### **MINYARI SOUTHEAST**

Gold resource poised for further growth

### **MAIDEN MRE: 25 KOZ OF GOLD - GROWTH EXPECTED**

- Significant near-surface high-grade gold mineralisation extension:
  - 10m at 3.0 g/t gold from 67m down hole in 24MYC0644, including:
    - 2m at 13.2 g/t gold from 67m down hole
  - 20m at 1.0 g/t gold and 0.07% copper from 5m down hole in 24MYC0641, including:
    - 2m at 7.1 g/t gold and 0.22% copper from 19m down hole
  - **15m at 1.1 g/t gold** from 37m down hole in 24MYC0641, including:
    - 4m at 2.6 g/t gold and 0.07% copper from 41m down hole
  - 51m at 0.5 g/t gold from 16m down hole in 24MYC0492, including:
    - 8m at 1.6 g/t gold from 21m
- Mineralisation starts just 10m below the surface and remains open down dip





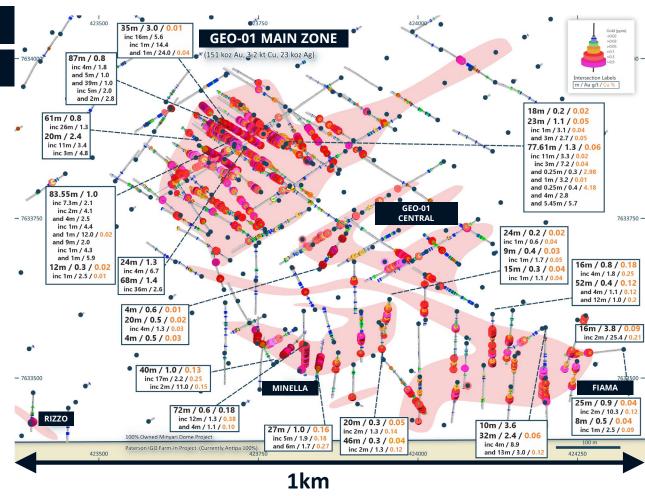
### **GEO-01 DISCOVERY: OVERVIEW**

Maiden gold Resource and initial open pit ounces delivered

### **GEO-01 AND SURROUNDS**

### **MAIDEN MRE: 151 KOZ OF GOLD - GROWTH EXPECTED**

- Large 700m by 500m gold ± copper footprint
- Main zone of ENE trending thick high-grade gold mineralisation defines northern limit:
  - CY2024 drilling extended Main Zone's strike to 500m and across strike width to between 10 to 190m
  - Thick, high-grade gold mineralisation remains open down plunge and along a prospective contact on its northern edge which remains largely untested
- Gold ± copper mineralisation remains open in several directions and at multiple deposits
- Large areas to be follow-up mineralisation strike and depth extensions during CY2025
- Material Resource growth opportunities expected to be unlocked



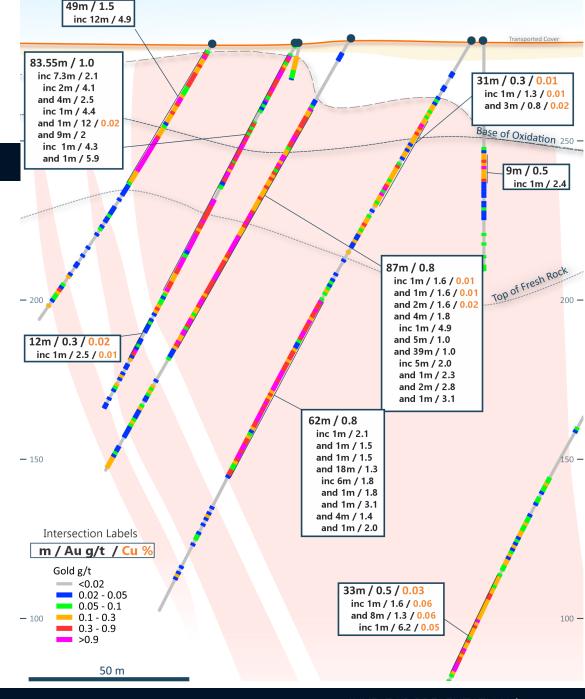


### **GEO-01 DISCOVERY: MAIN ZONE**

Gold resource poised for material growth

### **MAIDEN MRE: 151 KOZ OF GOLD - GROWTH EXPECTED**

- Significant near-surface high-grade gold mineralisation intersected :
  - **35m at 3.0 g/t gold** from 20m down hole in 24MYC0610, including:
    - 16m at 5.6 g/t gold from 33m
  - **50m at 2.3 g/t gold** from 72m down hole in 23MYC0383, including:
    - 19m at 5.0 g/t gold from 89m
  - 20m at 2.4 g/t gold from 114m down hole in 24MYC0442, including:
    - 11m at 3.4 g/t gold from 122m
  - **83.6m at 1.0 g/t gold** from 4m down hole in 24MYD0535
  - **68m at 1.4 g/t gold** from 68m down hole in 23MYC0383, including:
    - 36m at 2.6 g/t gold from 72m
  - **77.6m at 1.3 g/t gold** from 87m down hole in 24MYD0536, including:
    - 11m at 3.3 g/t gold from 93m
- Multiple zones of high-grade mineralisation under just 3 to 16 metres of sand cover and open down plunge
- Located just 1.3km from 1.9 Moz Minyari gold resource





### **GEO-01 DISCOVERY: FIAMA AND MINELLA**

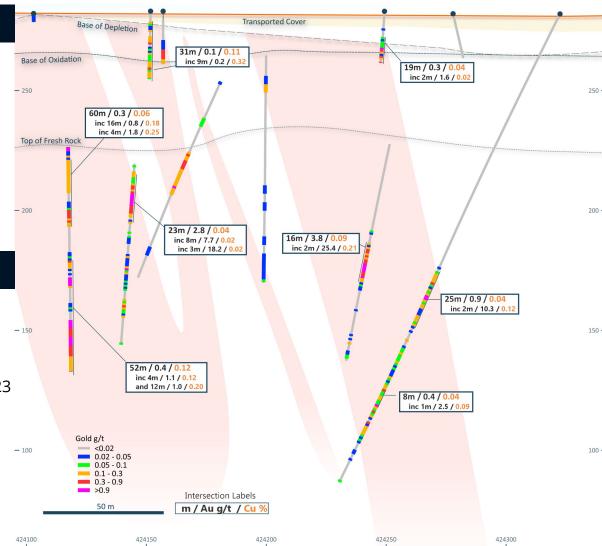
### Maiden resource and growth opportunities

#### **FIAMA PROSECT:**

- 32m at 2.4 g/t gold from 140m down hole in 24MYC0470, including:
  - 4m at 8.9 g/t gold from 140m
- 16m at 3.8 g/t gold and 0.09% copper from 113m down hole in 24MYC0632, including:
  - 2m at 25.4 g/t gold and 0.21% copper from 120m
- 25m at 0.9 g/t gold from 119m down hole in 24MYC0667, including:
  - 2m at 10.3 g/t gold and 0.12% copper from 130m

### **MINELLA PROSECT:**

- 40m at 1.0 g/t gold and 0.13% copper from 26m down hole in 24MYC0622, including:
  - 17m at 2.2 g/t gold and 0.25% copper from 140m
- 27m at 1.0 g/t gold and 0.16% copper from 51m down hole in 24MYC0623
- Multiple zones of high-grade mineralisation under just 3 to 16 metres of cover - Mineralisation open in several directions at both prospects
- Fiama maiden resource and Minella resource growth expected





### HIGH-IMPACT EXPLORATION ACTIVITIES TO CONTINUE IN CY2025

Multiple gold-copper targets across Minyari Dome

### TARGETING FURTHER MRE GROWTH AND MAJOR NEW DISCOVERIES<sup>1</sup>

- Phase 1 drill programme in advanced stages of planning (10,000 to 15,000 metres):
  - Scheduled to commence in April
- Expansion of 2.3 Moz gold, plus copper, silver, and cobalt MRE expected to deliver additional strong value enhancement to the development opportunity
- Updated MRE incorporating the CY2024 Phase 2 drill results due Q1 CY2025
- Advancing technical work streams to de-risk and refine the development opportunity

#### MULTIPLE BROWNFIELD AND GREENFIELD TARGETS

#### MRE GROWTH TARGETS:

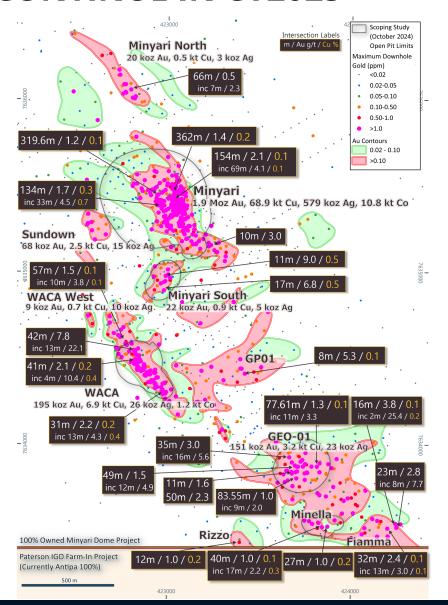
- GEO-01 Main Zone
- Minella
- GEO-01 Central
- Minyari South
- Minyari Southeast
- WACA
- Sundown
- Minyari North

#### **MAIDEN MRE TARGETS:**

- Fiama
- GP01
- Judes

#### **DISCOVERY TARGETS:**

- Minyari deposit fault repeat
- Rizzo
- Geophysical targets
- Geochemical targets:
  - Air core: and
  - Surface geochemistry
- Target generation drilling



<sup>1.</sup> Exploration programmes and development studies are subject to changes which may be made consequent upon results, field conditions and ongoing review







### **WILKI PROJECT**

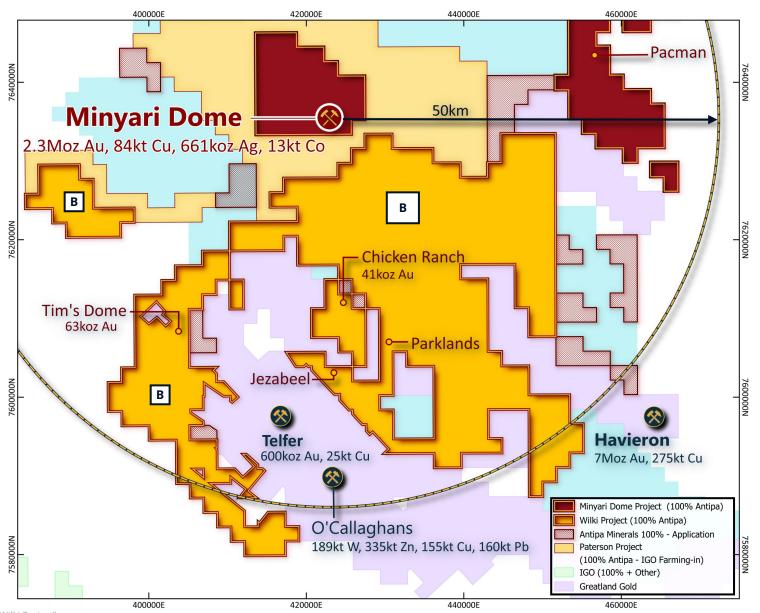
Returned to 100% Antipa ownership and management in March 2025<sup>1</sup>



**WILKI PROJECT** (100% ANTIPA)

Targeting greenfield gold discoveries close to Minyari and Telfer's 22 Mtpa goldcopper-silver processing facility

- Parklands exciting gold target drill testing to commence early Q2 CY2025<sup>2</sup>
- Jezabeel highly prospective surface geochemical anomaly to be advanced for drill testing H2 CY2025<sup>2</sup>
- Data modelling plus further surface geochemical sampling and air core drilling expected to produce additional drill targets



<sup>1.</sup> For further details, refer Antipa Minerals ASX release dated 4 March 2025, "Antipa to Retain 100% ownership of Wilki Project". 2. Exploration programmes and development studies are subject to changes which may be made consequent upon results, field conditions and ongoing review



### **EXCITING PARKLANDS AND JEZABEEL GREENFIELD TARGETS**

### Two very large-scale surface geochemical gold anomalies very close to Telfer

**Parklands:** Surface geochemical gold anomaly:

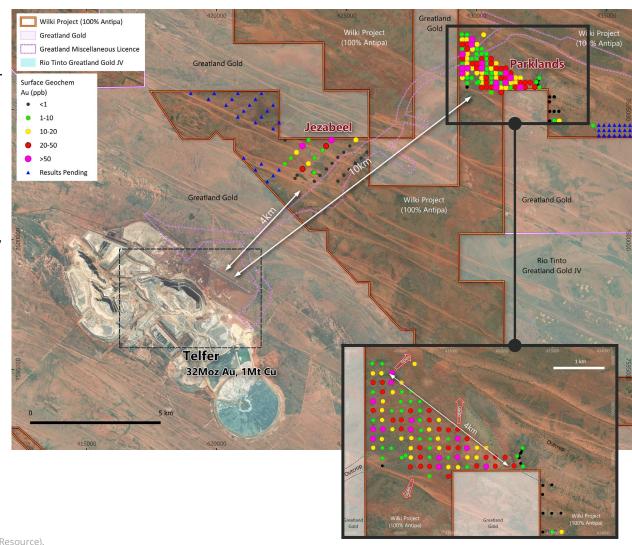
- Telfer sized, very large 3km long by up to 1.5km wide
- Located just 10km northeast of Greatland Gold's Telfer gold-copper-silver 22 Mtpa processing facility
- Extensive Parklands-Chicken Ranch NW-SE gold trend

**Jezabeel:** Surface geochemical and RAB / air core gold anomaly:

- Located just 4km northeast of Telfer
- Very large 3km long by up to 1.3km wide:
  - Peak surface geochemical lag result 0.21 g/t gold, with the anomaly open in several directions
  - Limited historic RAB / air core drilling, previous intersections up to 4m at 0.13 g/t gold
- Favourable gold mineralisation anticlinal trap site situated on NE trending structure intersecting Telfer and Parklands
- NW trend hosts the Thomson's Dome and Thomson's Dome East gold deposits
- Shallow cover of less than 30m

**NP40:** Surface geochemical anomalous trend

Broader NP40 NW-SE trend connecting Havieron, GEO-01 and Minyari



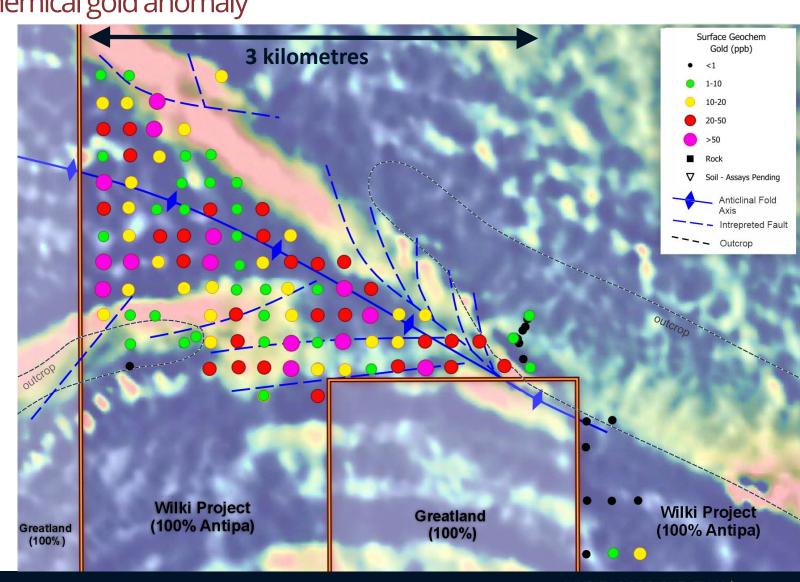
Telfer gold and copper metal values are pre-mining totals based on historical production data (i.e. these values are not current JORC Mineral Resource)



### PARKLANDS GREENFIELD TARGET DETAIL

### A very large-scale surface geochemical gold anomaly

- Located 10km northeast of Greatland's Telfer gold-copper-silver 22 Mtpa processing facility<sup>1</sup>
- Coherent gold and mineral system pathfinder surface geochemical anomaly:
  - Very large 3km long by up to 1.5km wide
  - Peak surface geochemical lag result 1.52 g/t gold with multiple results > 0.1 g/t gold
  - Anomalous copper, arsenic, sulphur, cobalt, cobalt, tungsten, molybdenum, tellurium, etc
- Anomaly open to the SE, NW ± north
- Favourable mineralisation anticlinal fold nose trap site, with fluid conduit plumbing:
  - Situated on a northeast trending structure, which intersects Telfer and Fallows
  - Thrust faulting concentrated in fold nose
  - Extensive destruction of the magnetic response possibly due to hydrothermal alteration
- Northwest trending host rock package hosts several gold deposits nearby – including Chicken Ranch, Turkey Farm and Triangle
- Shallow cover of less than 20m.
- Exploration programmes and development studies are subject to changes which may be made consequent upon results, field conditions and ongoing review

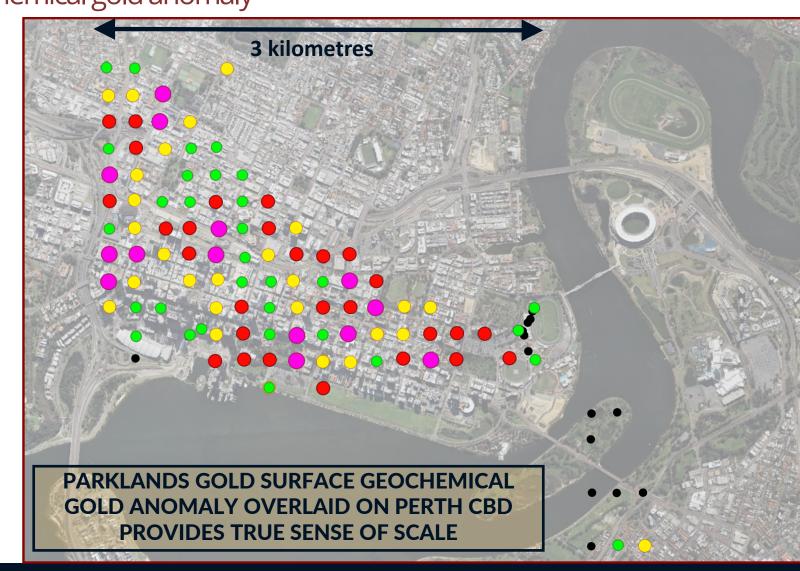




### PARKLANDS GREENFIELD TARGET DETAIL

### A very large-scale surface geochemical gold anomaly

- Located 10km northeast of Greatland's Telfer gold-copper-silver 22 Mtpa processing facility<sup>1</sup>
- Coherent gold and mineral system pathfinder surface geochemical anomaly:
  - Very large 3km long by up to 1.5km wide
  - Peak surface geochemical lag result 1.52 g/t gold with multiple results > 0.1 g/t gold
  - Anomalous copper, arsenic, sulphur, cobalt, cobalt, tungsten, molybdenum, tellurium, etc
- Anomaly open to the SE, NW ± north
- Favourable mineralisation anticlinal fold nose trap site, with fluid conduit plumbing:
  - Situated on a northeast trending structure, which intersects Telfer and Fallows
  - Thrust faulting concentrated in fold nose
  - Extensive destruction of the magnetic response possibly due to hydrothermal alteration
- Northwest trending host rock package hosts several gold deposits nearby – including Chicken Ranch, Turkey Farm and Triangle
- Shallow cover of less than 20m.
- Exploration programmes and development studies are subject to changes which may be made





### WILKI PROJECT CY2025 EXPLORATION PROGRAMME<sup>1</sup>

### In the advanced stages of planning

- Early preparation complete: Large-scale Parklands Heritage Survey undertaken
- Parklands Target: Immediate and primary focus
- Tim's Dome ± Chichen Ranch: Resource growth focused - Diamond core drilling planned for June-July
- Programme scheduled to comprise: Up to 16,000 metres of drilling, including<sup>1</sup>:
  - 100 to 140 air core drill holes (6,000 to 8,000 metres);
  - 20 to 30 RC drill holes (4,000 to 6,000 metres); and
  - 2 to 4 diamond core drill holes (1,000 to 2,000 metres)
- Further surface geochemical sampling
- Commencement of drill programme expected early **Q2 CY2025**





C PATERSON PROJECT (100%): IGO FARMING IN



### **PATERSON PROJECT FARM-IN**

Project overview and farm-in details



### PATERSON FARM-IN (100% ANTIPA: IGO)

Exploring for sediment-hosted copper deposits with potential gold and/or cobalt credits

- Multiple exciting greenfield gold ± copper targets primed for follow-up or initial drill testing
- Data modelling and analysis expected to produce additional drill targets
- FY2025 programme budget fully funded and operated by IGO
- Minimum annual budget \$1.2M

#### **A\$30M IGO FARM-IN FOR UP TO 70% INTEREST**

#### (AZY 100%, IGO 0%)

- ~1,520km² Antipa / IGO Farm-in Project (agreed 9 July 2020) comes within 23km of Greatland Gold's Telfer and 8km of Rio Tinto -Sumitomo's Winu copper-gold-silver development project
- Initial A\$4M minimum exploration programme within 2.5 years managed by Antipa completed ahead of schedule in December 2021
- IGO may earn a 70% interest in the Paterson Project by spending a further A\$26M within 6.5 years of commencement, to be managed at IGO's option:
  - Total expenditure of A\$30M within 6.5 years of commencement of the Farm-in, i.e. by January 2027
- Upon joint venture formation, IGO shall free-carry Antipa to completion of a Feasibility Study
- Managed and operated by IGO from March 2022
- Total expenditure to date approximately A\$15M
- IGO holds 2.7% interest in Antipa



### **MULTIPLE TARGETS SURROUNDING MINYARI**

### Including Winu and Havieron analogue targets

#### PRIORITY GREENFIELD TARGETS

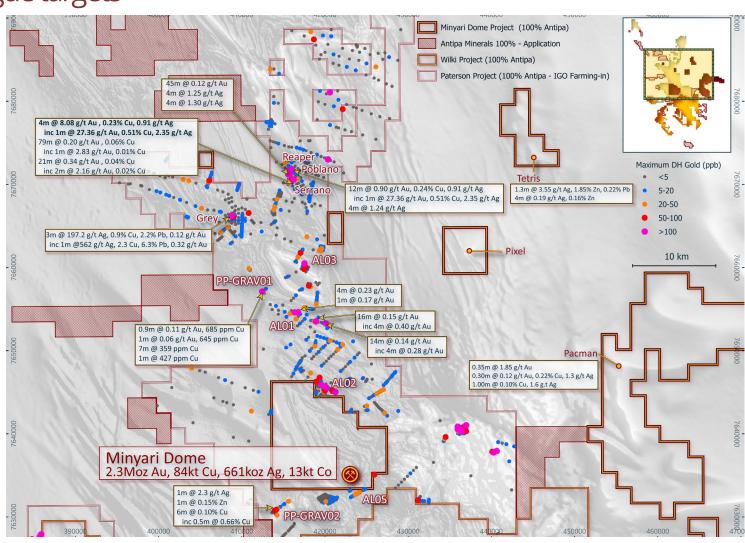
- Two co-incident magnetic-gravity high Havieron analogue targets 11 to 25km from Minyari:
  - PP-GRAV02 and PP-GRAV01
- Collie 2km long EM target 10km along strike from Winu
- Multiple air core and soil targets 2 to 40km from Minyari
- Reaper-Poblano-Serrano gold-copper corridor 35km from Minyari

#### H1 FY2025 EXPLORATION RESULTS PENDING

- Diamond core drilling at Collie comprised 3 holes 686m
- Air core drilling at AL05a, AL06 and AL18 targets comprised 32 holes for 1,903m
- Ultrafine soil sampling 127 samples on tenement E45/5459
- Ongoing comprehensive large-scale hydrochemistry sampling
- FY2025 programme budgets fully funded and operated by IGO

#### **H2 FY2025 EXPLORATION ACTIVITIES**

Exploration programme in advanced stages of planning



<sup>1.</sup> Exploration programmes and development studies are subject to changes which may be made consequent upon results, field conditions and ongoing review

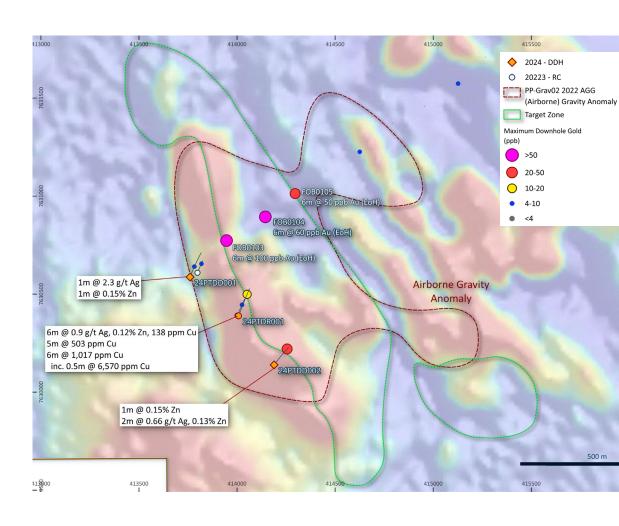


### **MULTIPLE TARGETS SURROUNDING MINYARI**

### Including Winu and Havieron analogue targets

#### LARGE GOLD-COPPER TARGET PP-GRAV02

- Located 10km WSW of Minyari adjacent to NE-trending Crofton Granite intruding a major fault:
  - Potential hydrothermal heat and metal source
- CY2024 diamond core drilling intersected up to 0.66% copper and 0.07% cobalt, plus low-grade nickel, zinc and silver mineralisation:
  - Zinc-silver signature indicative of a distal reduced intrusionrelated mineral system
- Traverse of +200m spaced shallow historic RAB holes defines a +400m wide zone of low-grade gold mineralisation across a faultdisrupted mafic intrusive-metasediment contact region, including 4m at 0.10 g/t gold
- PP-GRAV02 dolerite and metasediment contact remains untested:
  - Setting analogous to Calibre, Magnum, Minyari and GEO-01:
    - Combined resources 5.1 Moz Au, 257 kt Cu and 2.8 Moz Ag
  - 1991 RAB results supports this contact related gold target
- Shallow cover ranging between 30 to 50m
- Follow-up drilling required



<sup>1.</sup> Exploration programmes and development studies are subject to changes which may be made consequent upon results, field conditions and ongoing review

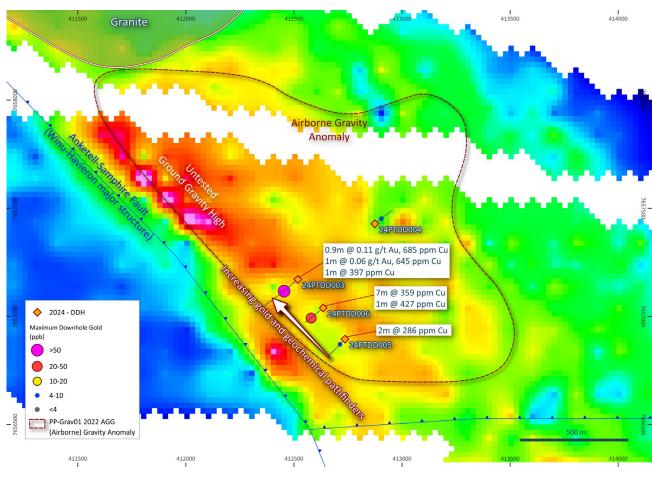


### **MULTIPLE TARGETS SURROUNDING MINYARI**

### Including Winu and Havieron analogue targets

#### LARGE GOLD-COPPER TARGET PP-GRAV01

- Located 25km north of Minyari adjacent to Anketell-Samphire Thrust (which connects Winu, Minyari and Havieron) and a reduced sub-circular granite:
  - Potential hydrothermal heat and metal source
- CY2024 diamond core drilling highlighted copper, gold and pathfinders increasing toward the untested gravity high:
  - 0.9m at 0.07% copper, 0.11 g/t gold from 171.6m in 24PTDD003
  - Elevated pathfinder anomalism (Ag, Bi, Pb, Te) providing a compelling mineral system proximity signature
  - Intense hydrothermally altered and brecciated Telfer and Winu host rocks
- Nearby aeromagnetic and aerial electromagnetic (**AEM**) conductivity anomalies also remain untested
- Southern region of PP-GRAV01 intersects AL01 5km long air core gold and pathfinder anomaly
- Very shallow cover ranging between just 5 to 14m
- Additional CY2024 heritage surveys completed for CY2025 follow-up drilling of various untested geophysical anomalies



<sup>1.</sup> Exploration programmes and development studies are subject to changes which may be made consequent upon results, field conditions and ongoing review

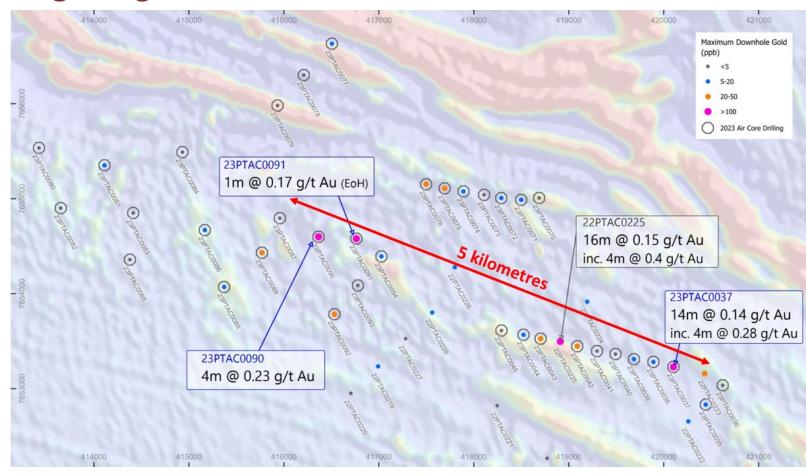


### **AL01 – A VERY LARGE-SCALE AIR CORE GOLD TARGET**

### Including Winu and Havieron analogue targets

#### **VERY LARGE AIR CORE GOLD TARGET AL01**

- Located 17km north of Minyari
- 2023 air core drilling extended AL01 anomaly to a 5km long target
- Meta-sediment hosted gold and pathfinder anomaly: Extensive mineral system pathfinder anomalism, including Cu, Co, Bi, Te, Mo, Pb and Zn
- Broad spaced AL01 air core drill holes: 400m to 1.4km apart, with some 200m spaced
- Cover ranging from 1 to 65m
- Magnetics folded meta-sediments: Extensive destruction of the magnetic response possibly due to hydrothermal alteration
- Follow up RC ± diamond drilling required



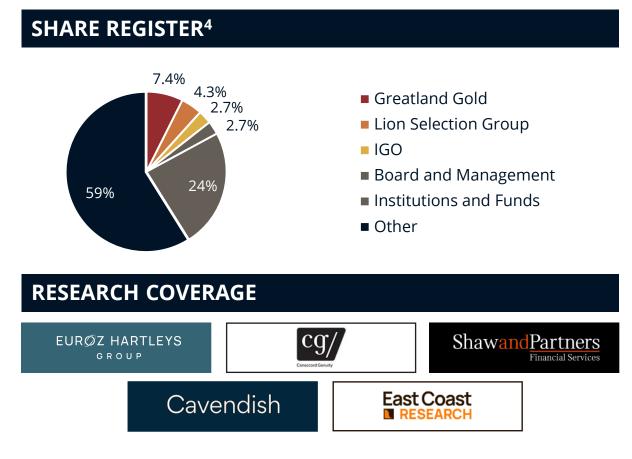


# CORPORATE



### **EXCELLENT FINANCIAL FOUNDATION AND CLEAN CAPITAL STRUCTURE**

CAPITAL STRUCTURE   ASX: AZY	
Share price <sup>1</sup>	A\$0.44
Shares on issue <sup>1</sup>	567 M
Market capitalisation <sup>1</sup>	A\$250 M
Cash <sup>2</sup>	A\$37 M
Debt	Nil
EV	A\$213 M
Options <sup>3</sup>	76 M



<sup>1.</sup> At 20 March 2025.

<sup>2.</sup> Cash at 31 December 2024.

<sup>3.</sup> At 20 March 2025, 65,444,771 unlisted options with a weighted average exercise price of A\$0.34 and various expiry dates.

<sup>4.</sup> At 20 March 2025. Shareholdings may be held directly or through nominees.



### HIGHLY EXPERIENCED AND MOTIVATED EXECUTIVE TEAM













#### **Mark Rodda**

Executive Chairperson

- Lawyer and Corporate Consultant
- 30 years legal, commercial and corporate management experience
- Former Chairman of Coalspur Mines, and former General Counsel of LionOre Mining International

#### **Roger Mason**

Managing Director and CEO

- Geologist
- 38 years exploration, project development, production and project acquisition experience
- Director of Caprice
- Former General Manager Geology for LionOre Australia and Norilsk Nickel Australia
- Former resources sector consultant

### **Stephen Power**

Non-Executive Director

- Corporate Lawyer
- More than 35 years legal, commercial and corporate management experience
- Former advisor to LionOre Mining International

#### **Peter Buck**

Non-Executive Director

- Geologist
- More than 40 years international exploration, acquisition and production experience
- Former Director of IGO. PMI Gold, Gallery Gold, LionOre Australia and **Breakaway Resources**

#### **Gary Johnson**

Non-Executive Director

- Metallurgist
- More than 40 years plant design, project development and operations experience
- Chairman of Lepidico, and Director of Strategic Metallurgy
- Former Director of LionOre's Tati Nickel

#### Luke Watson

**CFO** and Company Secretary

- Chartered Accountant
- 25 years resources sector senior corporate and finance experience
- Former CFO and Company Secretary of Mantra Resources



# COMMITTED TO SOCIAL AND ENVIRONMENTAL RESPONSIBILITY









**LOCAL COMMUNITY PARTNERSHIPS** 

**ENGAGING LOCAL PEOPLE AND BUSINESSES FOR WIDE-RANGING SOCIAL** BENEFIT

**REGIONAL ECONOMIC DEVELOPMENT** 

**EXPLORATION INVESTMENT FOR LONG-TERM REGIONAL ECONOMIC PROSPERITY** 

**CULTURAL HERITAGE PROTECTION** 

**COLLABORATING** WITH TRADITIONAL **OWNERS TO PROTECT CULTURAL LANDSCAPES AND HERITAGE** 

**SOCIALLY INCLUSIVE** WORKPLACE

**COMMITTED TO WORKPLACE DIVERSITY AND EQUAL OPPORTUNITY EMPLOYMENT** 

MEANINGFUL VALUE CREATION FOR ALL STAKEHOLDERS



### SET TO PLAY A MAJOR PART IN THE REGIONS RAPID RESURGENCE

#### A TRULY OUTSTANDING GOLD MINING LOCATION

#### TIER-ONE GROUND PACKAGE PROXIMAL TO THE TELFER MINE AND HAVIERON AND WINU DEVELOPMENT PROJECTS

- Corporate and development activity in the Paterson region has heated up
- Prospective frontier for the discovery of multi-cycle, tier-one gold-copper deposits
- Approximately 20 Moz of gold and 3.4 Mt of copper discovered in the last 8 years
- Western Australia is widely considered to be a low-risk, mining-friendly jurisdiction

#### **GROWTH POTENTIAL FROM MULTIPLE TARGET AREAS**

#### **EXPLORATION PRESENTING SIZEABLE** POTENTIAL FOR FURTHER RESOURCE **EXPANSION AND DISCOVERY**

- Existing 3 Moz attributable group gold equivalent Mineral Resource
- Aggressive CY2025 drilling programmes targeting resource growth and major discoveries including at Parklands
- Additional, substantial exploration leverage across the Paterson IGO Farm-in
- Multi-layered value pathways for growing shareholder value

#### **EXCELLENT FINANCIAL FOUNDATION**

#### **A\$37M CASH TO FULLY FUND RESOURCE GROWTH, DISCOVERY AND DEVELOPMENT STRATEGY**

- Bullet-proof balance sheet enables rapid project growth and advancement
- Proven development opportunity at Minyari with exceptional economics and further upside potential
- Minyari Dome Project funded through technical study phases
- Fully funded aggressive growth and discovery drill programmes
- Steady flow of exploration news as drilling results become available

### **CONTACT DETAILS**

#### MANAGING DIRECTOR AND CEO

Mr Roger Mason E: roger.mason@antipaminerals.com.au

#### **CORPORATE OFFICE**

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PO Box 795 West Perth WA 6872

T: +61 8 9481 1103 E: admin@antipaminerals.com.au

#### **EXECUTIVE CHAIRPERSON**

Mr Mark Rodda E: mark.rodda@antipaminerals.com.au

#### **MEDIA RELATIONS**

Mr Michael Vaughan **Fivemark Partners** E: michael.vaughan@fivemark.com.au T: +61 422 602 720



**ANTIPAMINERALS.COM.AU** 







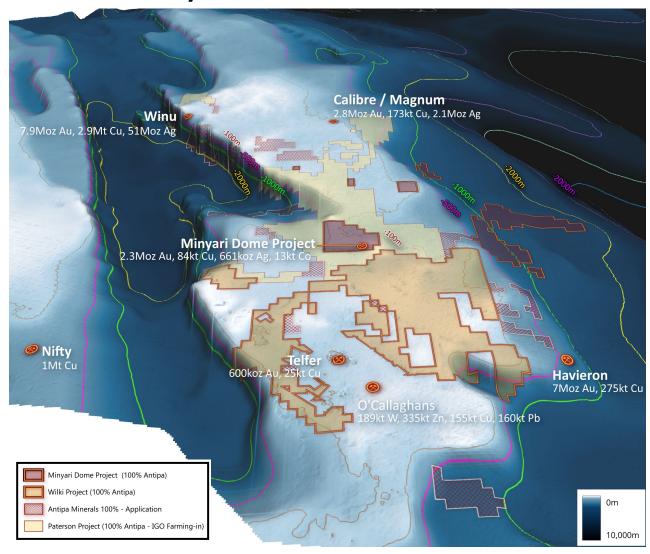
## SHALLOW YOUNG COVER ACROSS A LARGE 4,060km<sup>2</sup> PORTFOLIO

## **APPROXIMATELY 40%**

of Antipa tenements are under less than 20 metres of cover

## **APPROXIMATELY 75%**

of Antipa tenements are under less than 80 metres of cover



<sup>1.</sup> Havieron refer to Greatland Gold plc AIM release dated 21 December 2023, "Havieron Mineral Resource Estimate Update". Winu refer to Rio Tinto Ltd ASX release dated 22 February 2023, "Changes to Ore Reserves and Mineral Resources". Telfer and O'Callaghans refer to Newmont Corporation ASX release dated 23 February 2024, "PR as issued - 2023 Reserves and Resources". Nifty refer to Cyprium Metals Ltd ASX release dated 14 March 2024, "Updated Nifty MRE Reaches 1M Tonnes Contained Copper". Calibre refer to Antipa release dated 26 August 2024, "Calibre Gold Resource Increases 19% to 2.5 Moz - Citadel JV". Magnum refer to Antipa release dated 23 February 2015, "Calibre and Magnum Deposit Mineral Resource JORC 2012 Updates".

# MINYARI DOME PROJECT MINERAL RESOURCE ESTIMATE

Deposit Classification		Tonnes	Au g/t	Au ounces	Ag g/t	Ag ounces	Cu %	Cu tonnes	Co %	Co tonnes
Minyari	Indicated	27,100,000	1.75	1,505,000	0.58	507,000	0.22	59,800	0.04	9,720
Minyari	Inferred	6,200,000	1.78	347,000	0.36	72,000	0.15	9,000	0.02	1,000
Total Minyari		33,300,000	1.73	1,852,000	0.54	579,000	0.21	68,900	0.03	10,800
WACA	Indicated	1,710,000	0.96	53,000	0.17	9,000	0.11	1,900	0.02	300
WACA	Inferred	3,454,000	1.27	143,000	0.16	17,000	0.14	5,000	0.02	900
Total WACA		5,164,000	1.18	195,000	0.16	26,000	0.13	6,900	0.02	1,200
WACA West	Inferred	403,000	0.73	9,400	0.77	10,010	0.19	750	0.03	101
Total WACA West		403,000	0.73	9,400	0.77	10,010	0.19	750	0.03	101
Minyari South	Inferred	151,000	4.52	22,000	1.04	5,000	0.59	900	0.05	100
Total Minyari South		151,000	4.52	22,000	1.04	5,000	0.59	900	0.05	100
Sundown	Indicated	442,000	1.31	19,000	0.55	8,000	0.27	1,200	0.03	100
Sundown	Inferred	828,000	1.84	49,000	0.27	7,000	0.16	1,300	0.06	500
Total Sundown		1,270,000	1.65	68,000	0.37	15,000	0.19	2,500	0.05	600
GEO-01	Inferred	2,992,000	0.76	73,000	0.1	10,000	0.04	1,200	0.003	100
GEO-01	Inferred	3,748,000	0.65	78,000	0.11	13,000	0.05	2,000	0.003	100
Total GEO-01		6,740,000	0.70	151,000	0.10	23,000	0.05	3,200	0.00	200
Minyari North	Inferred	587,000	1.07	20,000	0.15	3,000	0.09	500	0.01	60
Total Minyari North		587,000	1.07	20,000	0.15	3,000	0.09	500	0.01	60
Total Indicated		32,200,000	1.59	1,650,000	0.52	534,000	0.20	64,000	0.03	10,000
Total Inferred		15,400,000	1.35	670,000	0.26	127,000	0.13	19,500	0.02	3,000
Total Minyari Dome Project		47,600,000	1.51	2,320,000	0.43	661,000	0.18	84,000	0.03	13,000

<sup>1.</sup> For full details of the 100% owned Minyari Dome Project Mineral Resources Estimate, please refer to ASX announcement dated 17 September 2024, "100% Owned Minyari Dome Project Grows by 573,000 Oz of Gold". 2. Refer to gold equivalent (Aueq) calculation parameters on following slide.

## WILKI PROJECT MINERAL RESOURCE ESTIMATE

## Wilki Farm-In Project (Antipa 100%)

Deposit	Cut-off	Category	Tonnes (Mt)	Au grade (g/t)	Cu grade (%)	Ag grade (g/t)	Co (ppm)	Au (oz)	Cu (t)	Ag (oz)	Co (t)
Chicken Ranch	0.5 Au	Inferred	0.8	1.6				40,300			
Tim's Dome	0.5 Au	Inferred	1.8	1.1				63,200			
Total Wilki Project			2.4	1.3				103,500			

#### **Competent Persons Statement - Exploration Results**

The information in this document that relates to Exploration Results is based on and fairly represents information compiled by Mr Roger Mason, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Mason is a full-time employee of the Company, Mr Mason is the Managing Director of Antipa Minerals Limited, is a substantial shareholder of the Company and is an option holder of the Company. Mr Mason has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being 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'. 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 announcements, all of which are available to view on www.antipaminerals.com.au. Mr Mason, whose details are set out above, was the Competent Person in respect of the Exploration Results in these original market announcements.

#### Competent Persons Statement - Mineral Resource Estimations for the Minyari Dome Project Deposits, Chicken Ranch Area Deposits and Tim's Dome Deposit

The information in this document that relates to the estimation and reporting of the Minvari Dome Project deposits Mineral Resources is extracted from the report entitled "100% Owned Minvari Dome Project Grows by 573,000 Oz of Gold" created on 17 September 2024 with Competent Persons Ian Glacken, Jane Levett and Victoria Lawns, the Tim's Dome and Chicken Ranch deposits Mineral Resource information is extracted from the report entitled "Chicken Ranch and Tims Dome Maiden Mineral Resources" created on 13 May 2019 with Competent Person Shaun Searle, all of which are available to view on www.antipaminerals.com.au and www.asx.com.au. The Company confirms that it is not aware of any new information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant original market announcements 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 announcements.

#### Scoping Study for the Minyari Dome Project

The information in this document that relates to the Scoping Study for the Minyari Dome Project is extracted from the report entitled "Minyari Scoping Study Update Confirms Development Potential" reported on 24 October 2024, which is available to view on www.antipaminerals.com.au and www.asx.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the study in the relevant original market announcement 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.

## Gold Metal Equivalent Information: Minyari Dome Project Mineral Resource Gold Equivalent Reporting

A gold equivalent grade (Aueq) has been calculated from individual gold, copper, silver and cobalt grades. This equivalent grade has been calculated and declared in accordance with Clause 50 of the JORC Code (2012) that it is the Company's opinion that all metals included in this metal equivalent calculation have reasonable potential to be recovered and sold, using the following parameters:

- The metal prices used for the calculation are as follows:
  - US\$ 2,030 per oz gold
  - US\$ 4.06 per lb copper
  - US\$ 24.50 per oz silver
  - US\$ 49,701 per tonne cobalt
- An exchange rate (A\$:US\$) of 0.7000 was assumed.
- Metallurgical recoveries for by-product metals, based upon Antipa test-work in 2017 and 2018, are assumed as follows:
  - Gold = 88.0% Copper = 85.0%, Silver = 85%, Cobalt = 68%
- The gold equivalent formula, based upon the above commodity prices, exchange rate and recoveries, is thus: Aueq = (Au g/t) + (Ag g/t \* 0.012) + (Cu % \* 1.32) + (Co % \* 5.88)

# TOP AUSTRALIAN GOLD PROJECTS

TOP AUSTRALIAN GOLD PROJECTS: REFERENCE INFORMATION										
Project	Company	Contained Au (Moz)	Resource Grade (g/t Au)	Measured Resources (Mt)	Indicated Resources (Mt)	Inferred Resources (Mt)	Stage	Study Level (completed)	Source	
Havieron	Greatland Gold	7.0	1.7	0.0	51.0	81.0	Exploration	Pre-Feasibility study	Greatland Gold presentation dated 7 August 2024  **Matable** https://stg.greatlandgold.com/wp-content/uploads/2024/08/Greatland-Corporate-Presentation-Diggers-Aug-2024.pdf	
Laverton	Focus	4.0	1.8	0.4	49.3	24.5	Exploration	Pre-Feasibility study	Focus Minerals ASX announcement dated 8 March 2024  **Available** https://www.focusminerals.com.au/wp-content/uploads/2024/03/20240308-Laverton-Mineral-Resource-Updates.pdf	
Bullabulling	Zijin	3.2	1.0	0.0	68.5	23.1	Exploration	Pre-Feasibility study	Norton Gold Field website reference dated 30 November 2017  wasabae: https://nortongoldfields.com.au/bullabulling/ Bullabulling goldfield (Australian Ore Deposits) by G.A Partington, T.P Davis and T.W.B Pilcher, dated 2018  wasabae: https://kenex.com.au/wp-content/uploads/2022/03/AOD-Monography-2018-Bullabulling.pdf	
Katanning	Ausgold	3.0	1.1	38.1	31.8	18.9	Exploration	Pre-Feasibility study	Ausgold website reference dated 4 September 2023  **walable* https://ausgoldlimited.com/projects/katanning-gold-project/#jors-mineral-resource-katanning	
Central Tanami	NST / Tanami Gold	2.6	3.2	4.0	13.0	8.4	Exploration	Scoping Study	Tanami Gold website reference dated 30 June 2023  *watable https://www.tanami.com.au/resources.html	
Dalgaranga	Spartan Resources	2.5	4.8	0.0	8.7	7.44	Exploration	MRE only – no completed study	Spartan Resources ASX announcement dated 23 July 2024  **Montable** https://clients3.weblink.com.au/pdf/SPR/02830294.pdf	
Minyari	Antipa	2.3	1.5	0.0	32.2	15.4	Exploration	Scoping Study	Antipa Minerals ASX announcement dated 17 September 2024  **Molade** https://antipaminerals.com.au/upload/documents/investors/asx-announcements/240917014026_24-09-17-AntipaMediaRelease-MDPMinyariGEO-01MRE.pd  **Molade** https://antipaminerals.com.au/upload/documents/investors/asx-announcements/240917014026_24-09-17-AntipaMediaRelease-MDPMinyariGEO-01MRE.pd	
Youanmi	ROX Resources	2.3	4.4	0.0	10.7	5.5	Exploration	Pre-Feasibility study	Rox Resources ASX announcement dated 24 July 2024  Available: https://api.investi.com.au/api/announcements/rol/16c9e645-92d.pdf	
Gum Creek	Horizon Gold	2.1	1.5	0.0	28.2	16.3	Exploration	Scoping Study	Horizon Gold Scoping Study Presentation 2024  **watable* https://horizongold.com.au/wp-content/uploads/2024/04/HRN-Scoping_Study_Presentation_March2024_Final.pdf	
Lady Julie	Magnetic Resources	1.9	1.8	0.0	19.7	12.9	Exploration	Pre-Feasibility study	Magnetic Resources presentation dated October 2024  Available: https://wcsecure.weblink.com.au/pdf/MAU/02863997.pdf	
Lake Roe	Ramelius	1.8	1.6	0.0	23.0	11.0	Exploration	MRE only – no completed study	Ramelius Resources ASX announced dated 2 September 2024  **walable* https://www.rameliusresources.com.au/wp-content/uploads/bsk-pdf-manager/2024/09/2024-Resources-and-Reserves-Statement.pdf	
Mt York	Kairos Minerals	1.4	1.0	0.0	20.3	22.8	Exploration	MRE only – no completed study	Kairos Minerals ASX announcement dated 5 September 2024  **watable* https://www.kairosminerals.com.au/site/pdf/781dc00d-ce84-485c-8984-8526a487fadg/Completion-of-PLS-Sale-Agreement-and-First-10M-Payment.pdf	
Lake Rebecca	Ramelius	1.4	1.3	0.0	27.0	6.5	Exploration	MRE only – no completed study	Ramelius Resources ASX announced dated 2 September 2024  **watable** https://www.rameliusresources.com.au/wp-content/uploads/bsk-pdf-manager/2024/09/2024-Resources-and-Reserves-Statement.pdf	
Ravensthorpe	Medallion Metals	1.3	2.1	0.0	12.1	7.4	Exploration	Pre-Feasibility study	Medallion Metals presentation dated 12 August 2024  **walable* https://wcsecure.weblink.com.au/pdf/MM8/02837673.pdf	
Kal East	Black Cat Syndicate	1.3	2.1	0.0	9.6	9.2	Exploration	Pre-Feasibility study	Black Cat Syndicate presentation dated July 2024  **Molable** https://bc8.com.au/wp-content/uploads/2024/07/2024-07-19-ASX_BCSI_Noosa-Mining-Conference-Presentation.pdf	
Mandilla	Astral Resources	1.3	1.1	0.0	21.0	17.0	Exploration	Scoping Study	Astral Resources ASX announcement dated 20 July 2023  **watable* https://www.investl.com.au/api/announcements/aar/f5695c88-763.pdf	
Yandal	Strickland Metals	0.3	1.4	0.0	0.0	5.7	Exploration	MRE only – no completed study	Strickland Metals presentation dated October 2024  National Metals presentation dated October 2024  National Metals presentation dated October 2024  National Metals presentation Red Cloud Mining Showcase.pdf	



MINYARI DOME SCOPING STUDY DETAIL



# **SCOPING STUDY HIGHLIGHTS**<sup>1</sup>

## MINE SCHEDULE

30.2 Mt at 1.5 g/t Au Initial open pit and underground mine

## **MINING PHYSICALS**

3 Mtpa throughput For 10+ years initial processing life

## STANDARD CIL PLANT

90% gold recovery Simple non-refractory metallurgy

## **INITIAL GOLD OUTPUT**

1.3 Moz Initial open pit and underground mine

## **FORECAST AISC**

A\$1,721/oz gold US\$1,205/ozgold

## **CAPITAL COST**

A\$306M Induding pre-production mining of A\$90M

# NPV<sub>7%</sub>

A\$834M Pre-tax at A\$3,000 /oz gold

### IRR

52% Pre-tax at A\$3,000 /oz gold

## **PAYBACK**

2 years Pre-tax from first production

<sup>1.</sup> Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy.



## PROCESSING OVERVIEW: OPTIMAL CASE

### MINYARI DOME STAND ALONE DEVELOPMENT OPPORTUNITY<sup>1</sup>







**UNDERGROUND** ORE

12.8 Mt











**SILVER** 415 koz

## **OPTIMAL CASE**

- Two standard processing facility options evaluated:
  - a gravity and CIL plant for a Gold-Focused case producing doré gold; and
  - a flotation and gravity facility for the Polymetallic Development scenario, producing separate copper-gold and cobalt concentrates alongside some doré gold
- Each processing facility type was assessed at throughput rates of 1 Mtpa, 2 Mtpa and 3 Mtpa
- The 3 Mtpa CIL Gold-Focused processing option currently identified as optimal



90%



1. Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy



## **PROJECT SUMMARY: BASE CASE**

#### **PROJECT PARAMETERS: BASE CASE** (± 35%)<sup>1</sup> **Tonnes** Mt 30.2 Gold grade g/t 1.5 Contained ounces of gold 1.5 Moz Plant throughput Mtpa 3.0 Processing life (including pre-production) 10+ years Strip ratio open pit 4.5:1 waste:ore 130 Average annual gold production (first 10 years) koz p.a. Total development capital (including pre-production mining) A\$M 306 77.70 Average Life-of-Mine (LOM) operating cost A\$/t milled 3.000 Gold price A\$/oz All in Sustaining Cost (AISC) LOM average US\$/oz 1.205 Net cash flow (undiscounted, pre-tax) A\$M 1,348 834 NPV<sub>7%</sub> (pre-tax) A\$M % 52 IRR (pre-tax) Payback period (pre-tax) vears 2.0 972 Net cash flow (undiscounted, post-tax) A\$M NPV<sub>7%</sub> (post-tax) A\$M 598 % 46 IRR (post-tax)

### **KEY POTENTIAL UPSIDE DRIVERS**

- Mine schedule and operating life extension to be enabled by:
  - Mineral Resource extensions at multiple deposits
  - Delineation and incorporation of satellite maiden resources
  - New discoveries across the broader Minyari Dome Project area
- Additional enhancement potential, including from copper and cobalt byproduct contributions

### **NEXT STEPS**

- Aggressive CY2025 resource extension drilling programmes at Minyari Dome commencing April 2025
- Multiple further growth and discovery focused drilling programmes are in planning for CY2025
- Continued advancement in parallel of various technical work streams designed to further de-risk and refine the development opportunity

<sup>1.</sup> Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy

# **COST ANALYSIS**

## CAPITAL COST ESTIMATE (DEVELOPMENT+ SUSTAINING)<sup>1</sup>

Area	A\$M
Processing Plant (3 Mtpa CIL)	96.2
Contingency	9.6
Infrastructure - Process	36.0
EPCM	14.5
Process Plant Other (incl. Spares)	3.5
Reagents	2.6
Tailings Storage Facility (TSF)	16.6
Infrastructure – General/Other (incl. Camp)	29.3
Open Pit CAPEX	23.6
Underground CAPEX	45.1
Total	276.9
Pre-production Open Pit Mining	90.5

- Prepared by independent consultants Snowden Optiro and Strategic Metallurgy, covering mining, processing and administration
- Estimates were derived using a desktop approach (± 35%)

### OPERATING COST ESTIMATE<sup>1</sup>

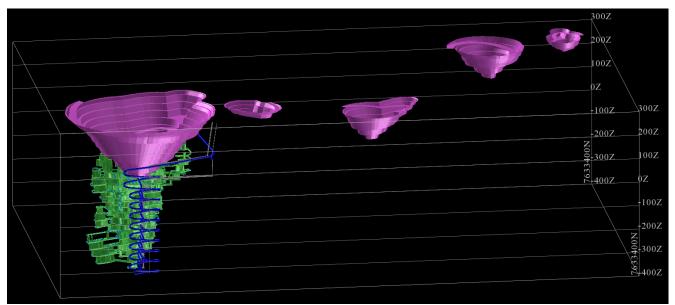
Area	A\$
Mining – Open pit	26.50/t ore
Mining – Underground	80.00/t ore
Infrastructure - Process	20.58/t ore
G&A	1.49/t ore

- Snowden Optiro independently estimated operating costs based on a contractor mining strategy developed considering the appropriate equipment sizing for both open pit and underground operations, tailored to each deposit and the necessary mining rates (± 35%)
- Haulage costs to the ROM and waste rock dump were included in the overall operating cost assumptions
- Strategic Metallurgy conducted an independent assessment of the processing operating cost estimate for a 3 Mtpa throughput rate, which also included relevant administrative costs

<sup>1.</sup> Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy

# **MINING APPROACH**

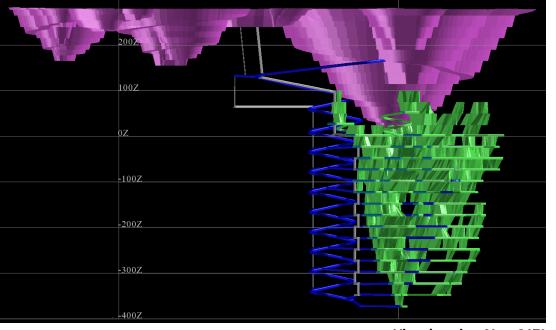
## **CONCEPTUAL CONFIGURATION – OPEN PIT and UNDERGROUND MINE DESIGN<sup>1</sup>**



View bearing -16° to 098°

#### Mining Method / Approach:

- Contractor mining
- Five open pits and one underground mine
- Minyari deposit accounts for 95% of the gold production
- Economic gold cut-off grades:
  - Open pit = 0.30 g/t gold
  - Underground = 1.20 g/t gold

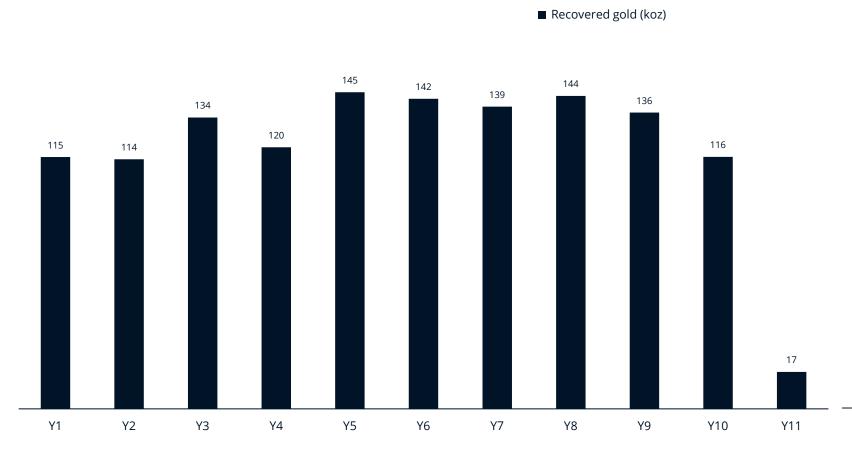


View bearing 0° to 317°

<sup>1.</sup> Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy.

# **PRODUCTION PROFILE**

## PRODUCTION PROFILE PROJECTION<sup>1</sup>



## PRODUCTION DETAIL<sup>1</sup>

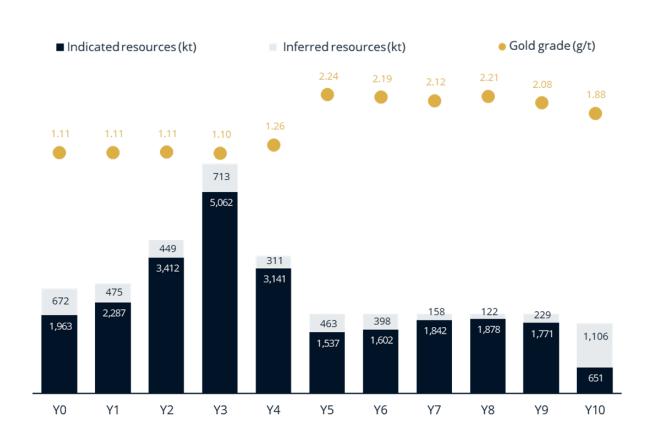
- 1.32 Moz total gold produced:
  - forecast annual output of up to 145,000 ounces of gold in Year 5
  - average of 130,000 ounces of gold per annum over the first ten years
  - 120,000 ounces of gold per annum over the entire +10 year evaluation period
- 415 koz total silver produced

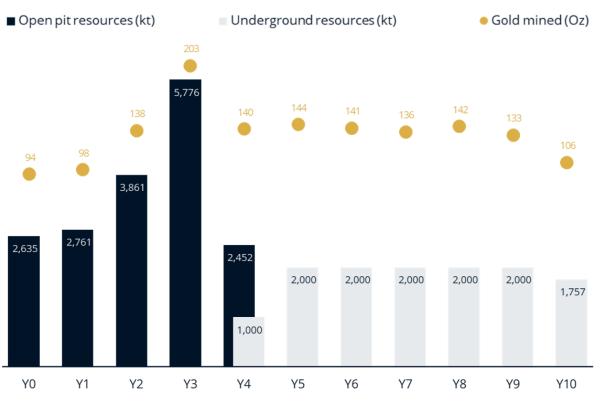
1. Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy

# **MINING SCHEDULE**

## MINING SCHEDULE: BY RESOURCE CLASSIFICATION<sup>1</sup>

## MINING SCHEDULE: OPEN PIT AND UNDERGROUND<sup>1</sup>

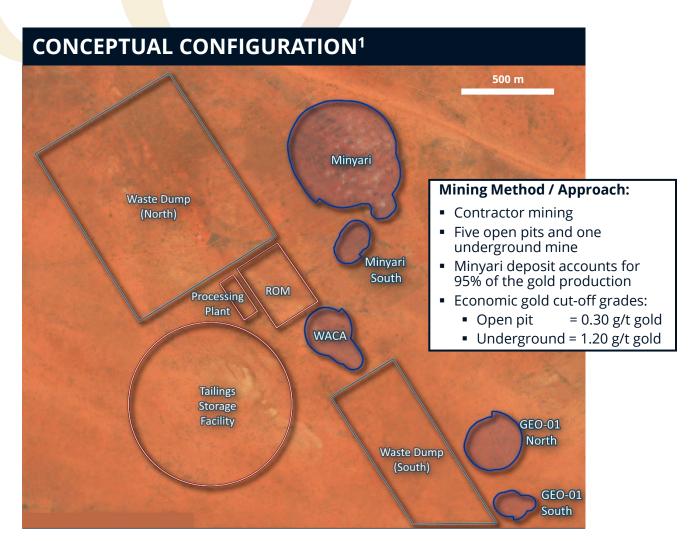


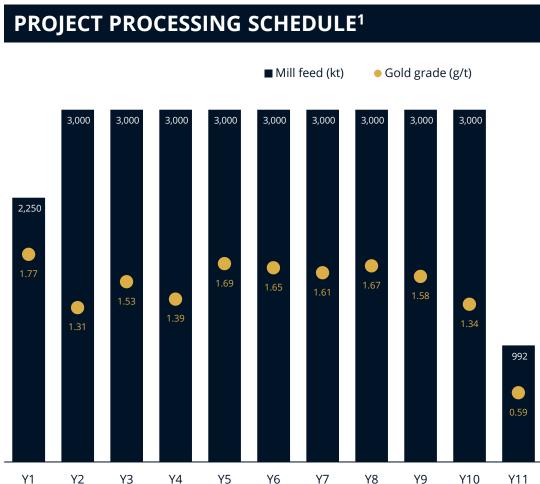


<sup>1.</sup> Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy.



# **CONFIGURATION AND PROCESSING SCHEDULE**





<sup>1.</sup> Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy.

# **FREE CASH FLOW**

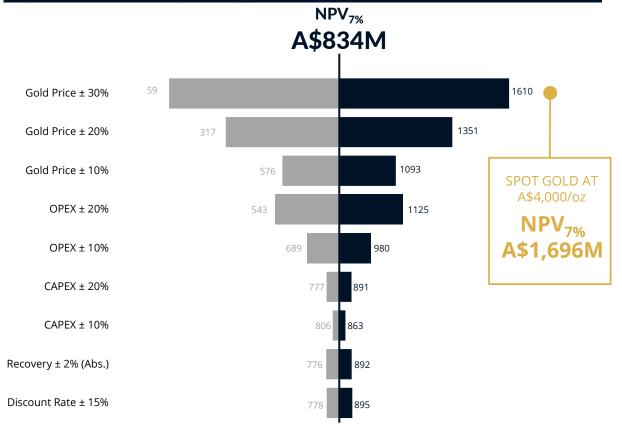
## PROJECTED ANNUAL FREE CASH FLOWS (POST-TAX, A\$M) AT VARIOUS GOLD PRICE ASSUMPTIONS<sup>1</sup>



<sup>1.</sup> Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy.

# **SENSITIVITY ANALYSIS**

## NPV SENSITIVITY ANALYSIS (PRE-TAX, A\$3,000/oz AU)<sup>1</sup>



## PROJECT PROVIDES TREMENDOUS GOLD PRICE UPSIDE<sup>1</sup>

	UoM	Base	Spot
Gold price assumption	A\$/oz	3,000	4,000 <sup>2</sup>
NPV <sub>7%</sub> (pre-tax)	A\$M	834	1,696
IRR (pre-tax)	%	52	91
Payback period (pre-tax)	years	2.0	1.25
LoM free cash flow (pre-tax)	A\$M	1,348	2,621
NPV <sub>7%</sub> (post-tax)	A\$M	598	1,205
IRR (post-tax)	%	46	79
Payback period (post-tax)	years	2.0	1.25
LoM free cash flow (post-tax)	A\$M	972	1,864

- Demonstrates economic resilience to variations in capital costs
- Sensitive to changes in operating costs and revenue factors, including commodity prices

<sup>1.</sup> Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy.

<sup>2.</sup> Less than spot gold price 11 November 2024, which exceeded A\$4,000.





THANK YOU

