ANTIPAMINERALS

A PREMIER MINERAL EXPLORATION AND DEVELOPMENT COMPANY

EXCEPTIONAL STAND-ALONE DEVELOPMENT POTENTIAL AT ANTIPA'S 100% OWNED MINYARI DOME GOLD-COPPER PROJECT

Noosa Mining Conference

ASX: AZY | November 2024



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.

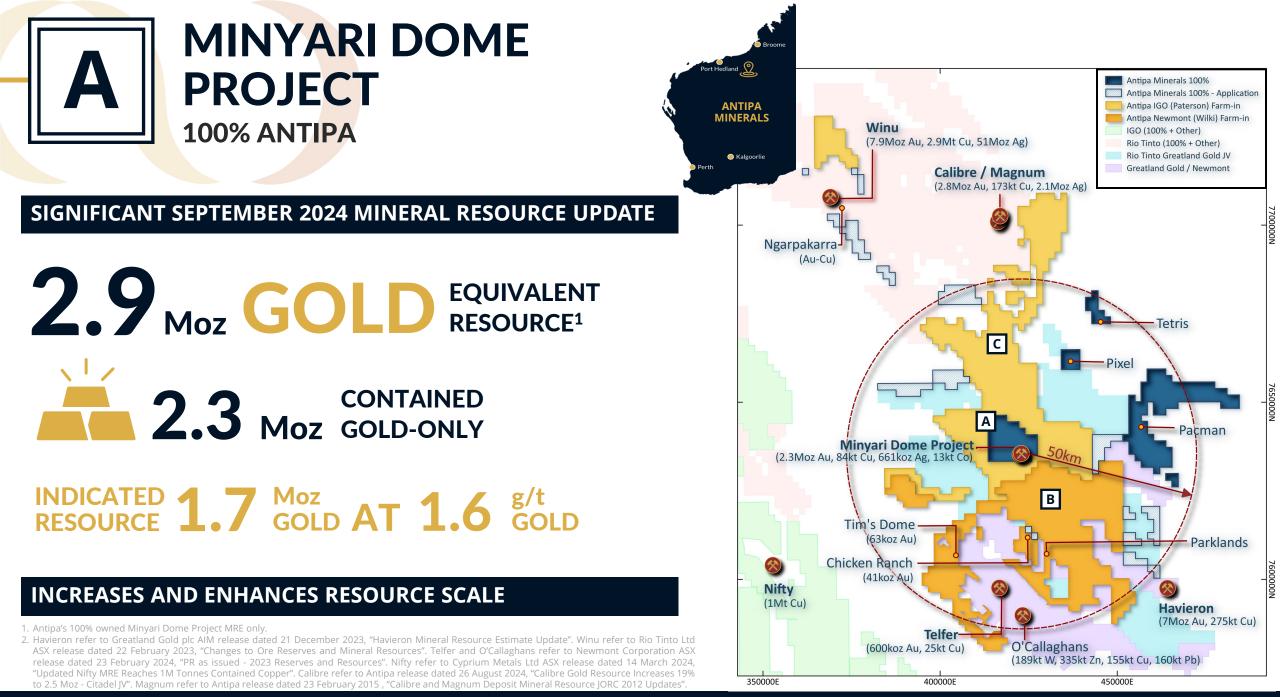


ACKNOWLEDGEMENT OF COUNTRY

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





ANTIPAMINERALS ()

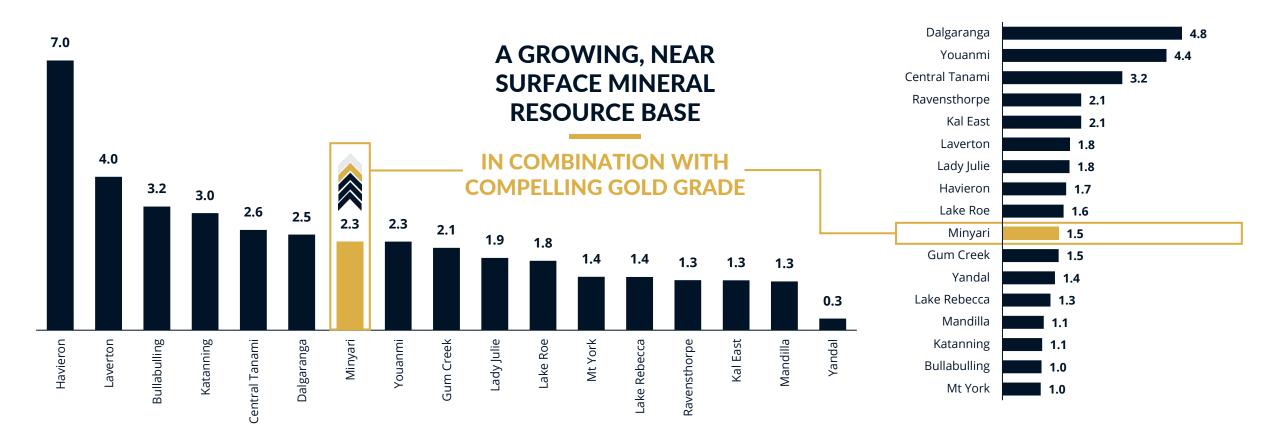
INVESTOR PRESENTATION | 4



ONE OF AUSTRALIA'S TOP GOLD DEVELOPMENT PROJECTS

GOLD-ONLY CONTAINED RESOURCE OUNCES (Moz Gold)^{1,2}

RESOURCE GRADE (g/t Gold)

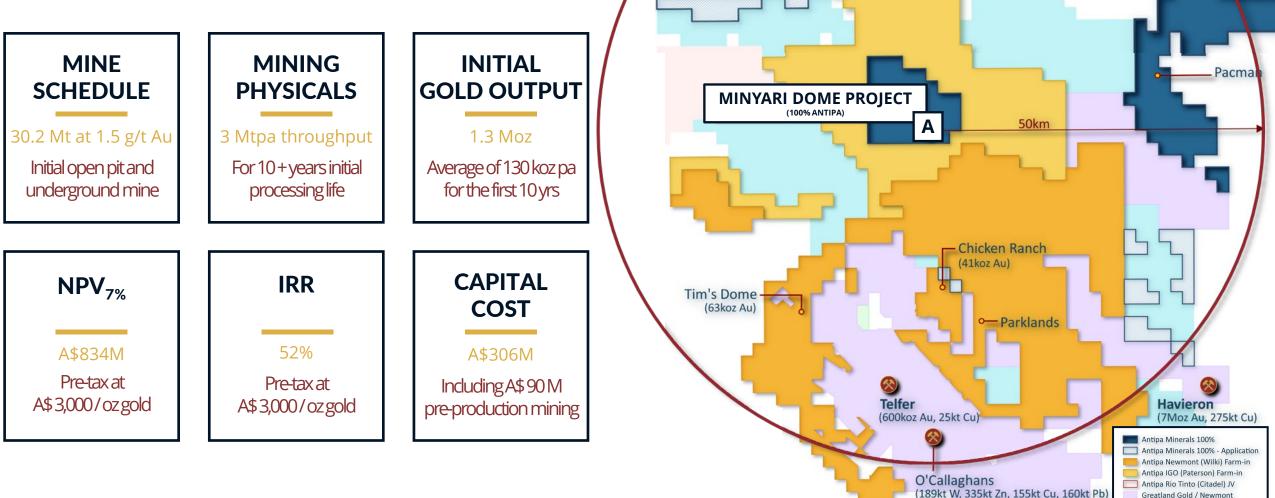


1. Excludes Antipa's Mineral Resources Estimate non-gold metals: 84kt of copper, 661koz of silver and 13kt of cobalt; equal to a gold equivalent 600koz. See Appendix for gold equivalent (Aueq) calculation parameters and full references.

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



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

Rio Tinto Greatland Gold JV

Rio Tinto (100% + Other)

IGO (100% + Other)

ANTIPA MINERALS













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 EXISTING ROAD AND PORT, PLUS ESTABLISHED PROCESSING INFRASTRUCTURE PROJECT ECONOMICS HIGHLY LEVERAGED TO FURTHER EXPLORATION SUCCESS

WITH ESTIMATED GOLD RECOVERIES OF 90% LOGISTICS BENEFITS AND DEVELOPMENT FLEXIBILITY ADDITIONAL VALUE DRIVERS YET TO BE UNLOCKED



PROJECT PARAMETERS – BASE CASE (± 35%)¹ 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 Average annual gold production (first 10 years) 130 koz p.a. Total development capital (including pre-production mining) A\$M 306 Average Life-of-Mine (LOM) operating cost 77.70 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_{7%} (pre-tax) A\$M % 52 IRR (pre-tax) Payback period (pre-tax) vears 2.0 Net cash flow (undiscounted, post-tax) A\$M 972 NPV_{7%} (post-tax) A\$M 598 % 46 IRR (post-tax)

KEY POTENTIAL UPSIDE DRIVERS

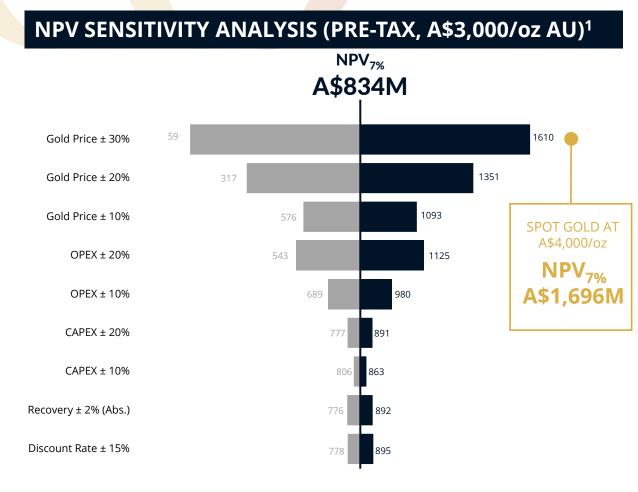
- Mine schedule and operating life extension to be enabled by:
 - Minyari ± WACA down-plunge
 - Drill out at Minyari Southeast, GEO-01, GP01, and WACA East
 - Delineation and incorporation of satellite resources
 - New discoveries across the broader Minyari Dome Project area
- Additional enhancement potential, including from copper and cobalt byproduct contributions

NEXT STEPS

- Aggressive 2024 Phase 2 drilling programme recently commenced at Minyari Dome and will run through Q4 CY2024
- Multiple further growth-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

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





PROJECT PROVIDES TREMENDOUS GOLD PRICE UPSIDE¹

	UoM	Base	Spot
Gold price assumption	A\$/oz	3,000	4,000 ²
NPV _{7%} (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 _{7%} (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

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

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



HIGH-IMPACT EXPLORATION ACTIVITIES CONTINUE

TARGETING RESOURCE GROWTH AND MAJOR NEW DISCOVERIES

Phase 1 Programme for 15,242m drilling completed in June 2024:

- Multiple 30 to 100 gram-metre gold intersections at the GEO-01 discovery
- Confirmed exciting GEO-01 extensional targets for thick, high-grade gold mineralisation
- Identified multiple new zones of high-grade gold-copper mineralisation across the broader GEO-01 prospect area
- Intersected high-grade gold mineralisation at the Minyari resource extension target and GP01 target
- Tested two of the three Pacman greenfield targets

Phase 2 exploration and advancement programme^{1,2} underway:

- Currently scheduled to include 70 drill holes for a total of up to 11,000 metres, comprising 66 RC holes for up to 10,000 metres and four diamond core holes for up to 1,000 metres
- Key programme objectives include:
 - Resource growth at the GEO-01 deposit
 - Pursuing new discoveries at the GEO-01 South and North targets, the Minyari Southeast target (identified during Phase 1 drilling) and the Minyari Plunge target (located beneath Minyari North)
 - Collection of samples for further metallurgical testing
- First assay results expected during the first-half of December

^{1.} Refer to ASX announcement dated 15 October 2024, "Minyari Project - Commencement of CY2024 Phase 2 Drilling'

^{2.} Exploration programmes and development studies are subject to changes which may be made consequent upon results, field conditions and ongoing review



CITADEL JV PROJECT EXIT LIBERATES LATENT VALUE¹

A\$17 MILLION CASH SALE¹



MONETISED A NON-CORE, MINORITY INTEREST



SIGNIFICANTLY BOLSTERED **CASH RESERVES**



FUNDS FURTHER DRILLING AND ADVANCEMENT

COMPLETED 25 OCT 2024¹

Shareholders access leverage to major new resource opportunities in an area primed for the next wave of Newmont

igo

development

MINYARI DOME (100% ANTIPA) 900km²

SIGNIFICANT EXPLORATION SPEND **ACROSS LARGE** 3.920km² PORTFOLIO

> (100% ANTIPA) 1,550km²

PATERSON

WILKI (100% ANTIPA) 1,470km²

MINYARI DOME (100% ANTIPA) 900km²

1. 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".



CITADEL SALE COMPLETION INCREASES CASH RESERVES

CAPITAL STRUCTURE ASX: AZY		SHARE REGISTER ⁴
Share price ¹	A\$0.023	
Shares on issue ¹	4,837M	8.5% 4.1% Newmont ⁵ 3.1% Lion Selection Group
Market capitalisation ¹	A\$111M	3.1% IGO
Cash ²	A\$23M	61.3% Board and Management Institutions and Funds Other
Debt	Nil	
EV	A\$88M	RESEARCH COVERAGE
Options ³	835M	EURØZ HARTLEYS GROUP ShawandPartners Financial Services Cavendish

SET WITH AN EXCELLENT FINANCIAL FOUNDATION

1. At 11 November 2024.

2. Cash at 30 September 2024 inclusive of proceeds from the sale of the Citadel Joint Venture Project completed in October 2024 (Antipa cash only).

3. At 11 November 2024, 835 million unlisted options, with a weighted average exercise price of A\$0.033.

4. Shareholdings may be held directly or through nominees.

5. Newmont Corporation has agreed to sell its shareholding in Antipa to Greatland Gold plc: Refer to Greatland Gold plc AIM releases "AIM Admission Document " dated 10 September 2024, and "Acquisition of Havieron & Telfer – Update" dated 14 October 2024.



HIGHLY EXPERIENCED AND MOTIVATED EXECUTIVE TEAM



Mark Rodda

Executive Chairperson

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

Roger Mason

Managing Director and CEO

- Geologist
- 37 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
- More than 20 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

PROXIMAL TO THE TELFER MINE AND WINU AND HAVIERON DEVELOPMENT PROJECTS

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

GROWTH POTENTIAL FROM MULTIPLE TARGET AREAS

EXPLORATION IS ONGOING – PRESENTING SIZEABLE POTENTIAL FOR FURTHER EXPANSION

- Existing 3.0 Moz attributable group gold equivalent Mineral Resource
- Aggressive ongoing CY2024 drilling programmes at Minyari Dome
- Additional, substantial exploration leverage across the Farm-in portfolio
- Multi-layered value pathways for shareholders

STRATEGIC PARTNERSHIPS FUNDING EXPLORATION SPEND

HIGH-QUALITY PARTNERS WITH STRONG BALANCE SHEETS AND MAJOR DISCOVERY OBJECTIVES

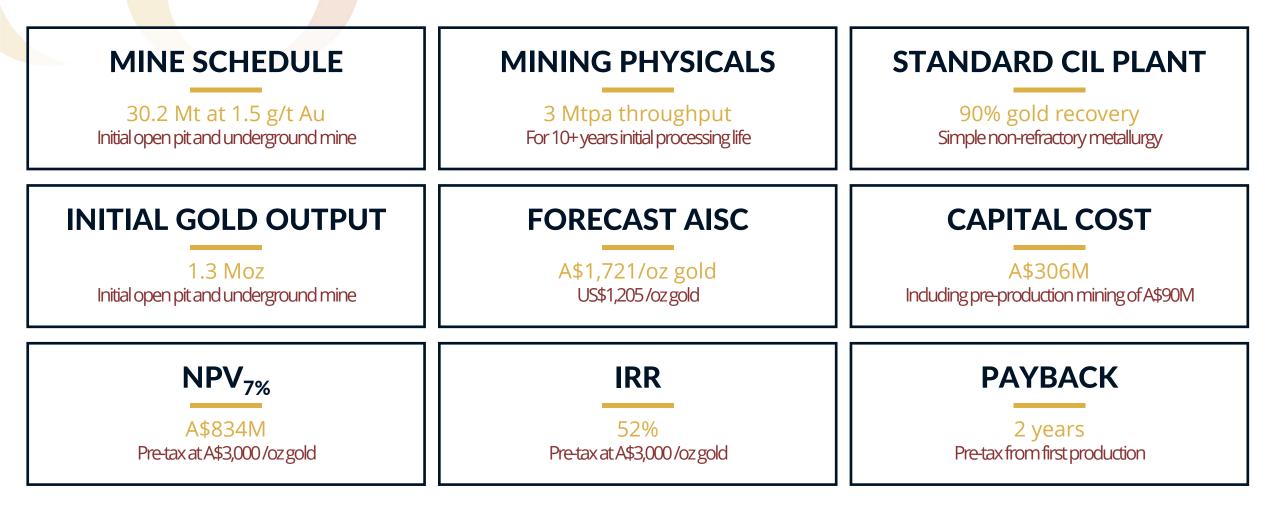
- Proven ability to advance and monetise partnership arrangements
- Strategic farm-in agreements on-foot with Newmont and IGO
- Combined historical partner contribution of +A\$60M of exploration spend
- Cumulative potential free-carry exploration spend of up to A\$90M+
- Strong major discovery objectives



UPDATED SCOPING STUDY DETAIL



UPDATED MINYARI DOME PROJECT SCOPING STUDY¹



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



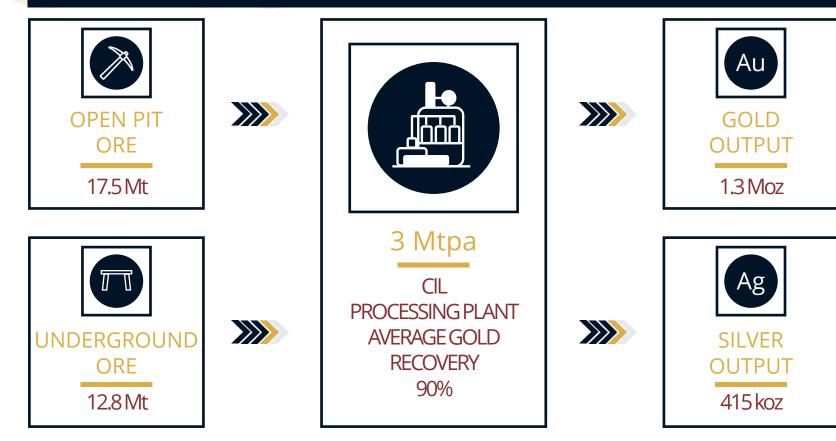
PROJECTED ANNUAL FREE CASH FLOWS (POST-TAX, A\$M) AT VARIOUS GOLD PRICE ASSUMPTIONS¹



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



MINYARI DOME STAND ALONE DEVELOPMENT OPPORTUNITY¹

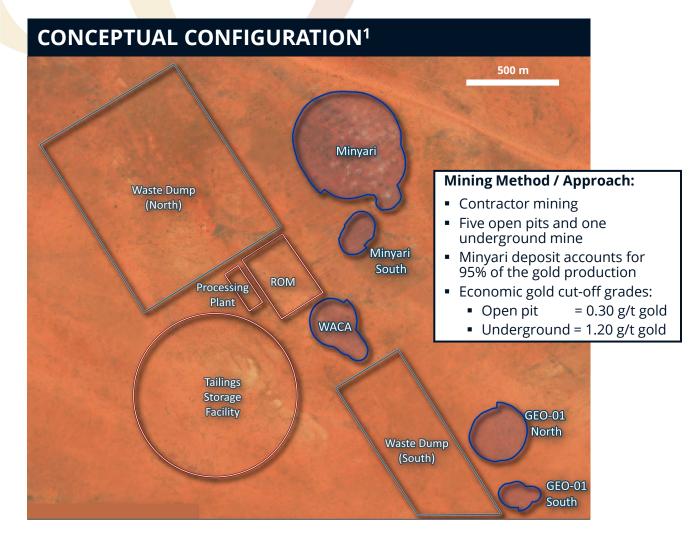


OPTIMAL CASE

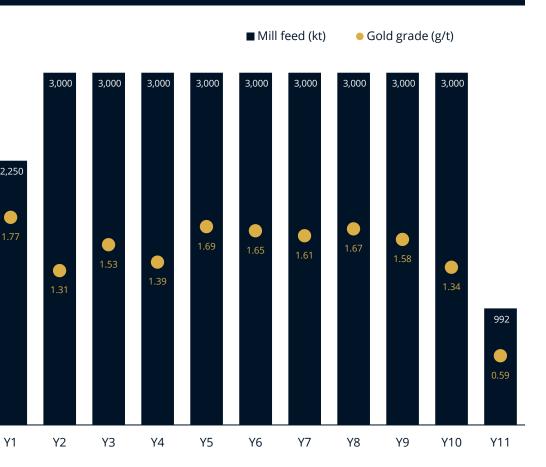
- Two standard processing facility options evaluated:
 - a gravity and CIL plant for a Gold Focused case producing doré gold; and
 - a flotation and gravity facility for the Polymetallic Development scenario, producing separate copper-gold and cobalt concentrates alongside some doré gold
- Each processing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

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





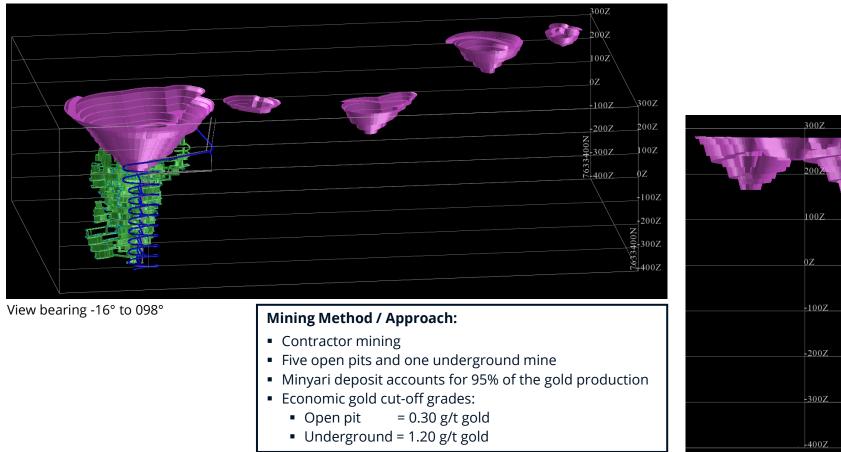
PROJECT PROCESSING SCHEDULE¹

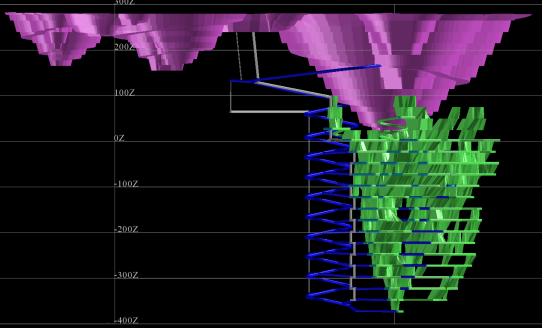


1. Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy.



CONCEPTUAL CONFIGURATION – OPEN PIT and UNDERGROUND MINE DESIGN¹



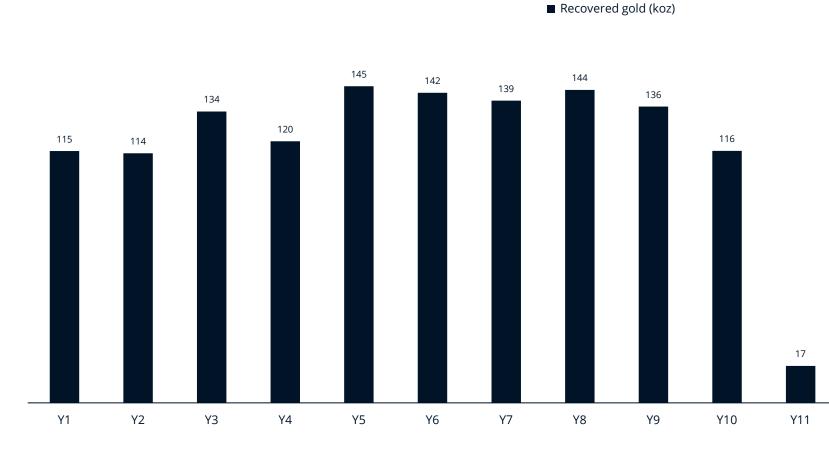


View bearing 0° to 317°

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



PRODUCTION PROFILE PROJECTION¹



PRODUCTION DETAIL¹

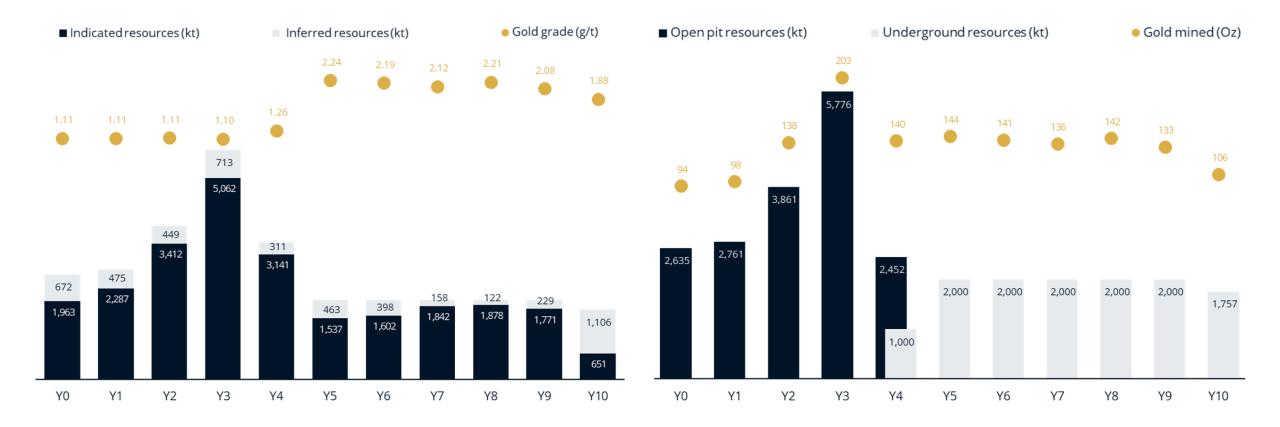
- 1.32 Moz total gold produced:
 - forecast annual output of up to 145,000oz of gold in Year 5
 - average of 130,000oz of gold per annum over the first ten years
 - 120,000 ounces of gold per annum over the entire 10+ year evaluation period
- 415 koz total silver produced

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



MINING SCHEDULE: BY RESOURCE CLASSIFICATION¹

MINING SCHEDULE: OPEN PIT AND UNDERGROUND¹



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



CAPITAL COST ESTIMATE (Development and Sustaining)¹

Area	A\$M
Processing Plant (3Mtpa 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 ESTIMATE¹

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 3Mtpa throughput rate, which also included relevant administrative costs

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

EXPLORATION UPSIDE POTENTIAL



CY2024 PHASE 2 DRILLING PROGRAMME

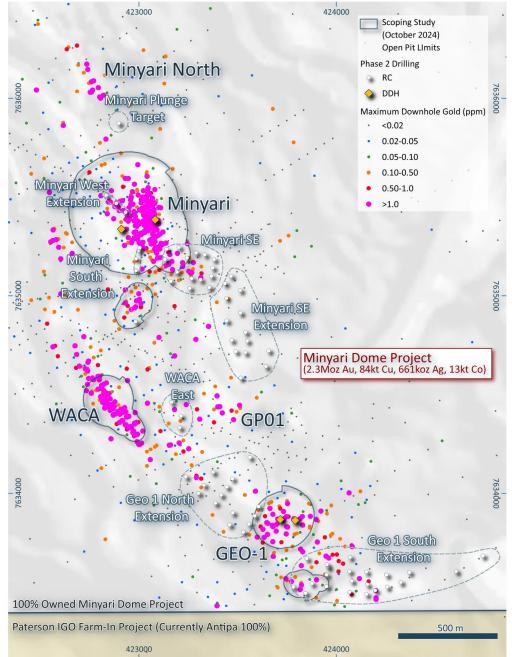
Multiple gold-copper targets across Minyari Dome

TARGETING RESOURCE GROWTH AND MAJOR NEW DISCOVERIES^{1,2}

- 70 drill holes for a total of up to 11,000 metres
- First assay results expected during the first-half of December

MULTIPLE TARGETS

- Minyari Plunge Offset Target: Potential for fault offset repetition of the Minyari mineralisation, which delivers 3,000oz per vertical metre, beneath Minyari North
- GEO-01: Potential for plunging high-grade mineralisation in the Main Zone fold nose region untested from 200 vertical metres (or less) below the surface
- GEO-01 Broader Prospect Area Potential: Multiple zones of gold mineralisation around the broader 500m by 700m GEO-01 prospect area remain open in several directions plus new untested target areas
- Minyari Southeast: Mineralisation open down dip and along +500m of strike with possible connections to GP01
- GP01: High-grade gold mineralisation remaining open in several directions
- Minyari North: Mineralisation open down plunge ± down dip
- WACA: Mineralisation open down plunge ± down dip



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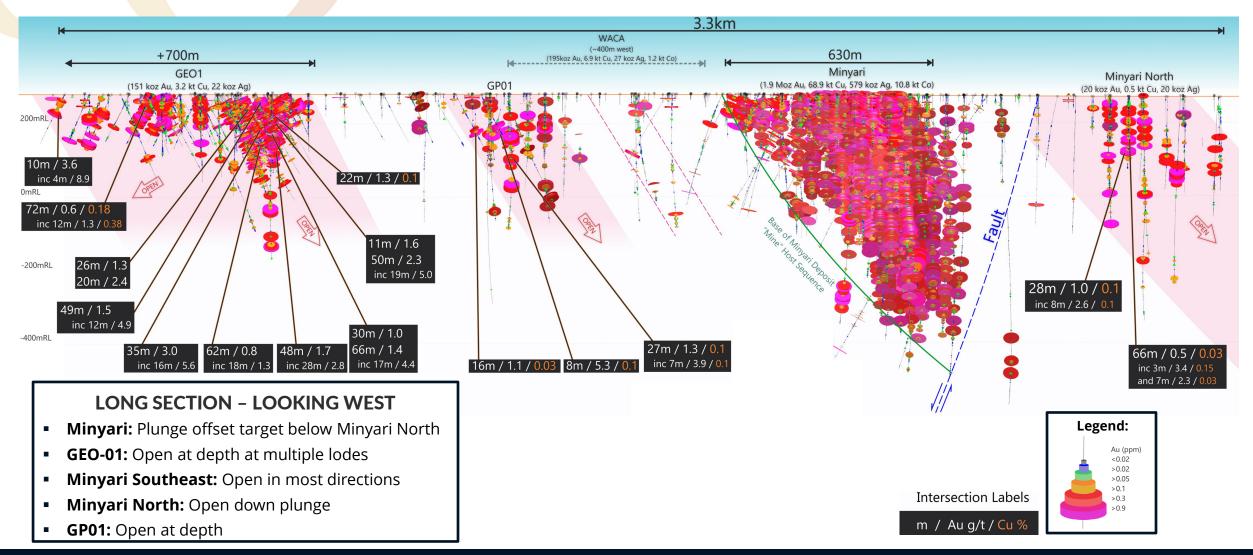
INVESTOR PRESENTATION | 26

Refer to ASX announcement dated 15 October 2024, "Minyari Project - Commencement of CY2024 Phase 2 Drill

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CY2024 DRILLING PROGRAMMES

Multiple gold-copper targets across Minyari Dome

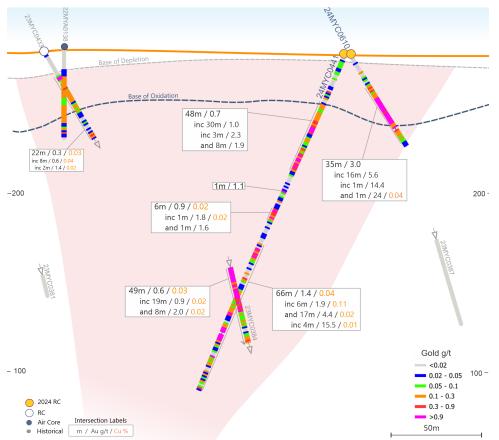


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A GEO-01 DISCOVERY

Maiden gold resource and initial open pit inventory delivered

- 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
 - **48m at 1.7 g/t gold** from 132m down hole to EoH in 23MYC0384, including:
 - 28m at 2.8 g/t gold from 133m
 - 66m at 1.4 g/t gold from 118m down hole in 24MYC0441, including:
 - 17m at 4.4 g/t gold from 157m
- Mineralisation remains open in several directions
- Under only 3 to 16 metres of sand cover
- Multiple zones of high-grade mineralisation across prospect
- Just 1.3km from 1.9 Moz Minyari gold resource
- Maiden resource 151koz gold Further growth expected

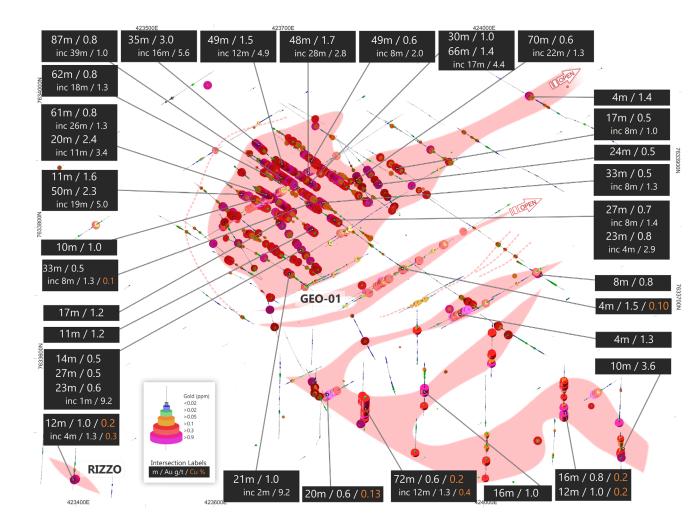


SIGNIFICANT RESOURCE AND MINING GROWTH OPPORTUNITY CLOSE TO MINYARI

GEO-01 DISCOVERY

Maiden gold resource and initial open pit inventory delivered

- GEO-01 deposit plan view showing drill intersections and interpreted mineralisation envelopes
- GEO-01 prospect gold ± copper mineralisation footprint increased to 700m by 500m
- Main zone of ENE trending thick high-grade gold mineralisation defines northern prospect limit:
 - Phase 1 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
- Multiple zones of mineralisation remain open, with large areas of the broader GEO-01 prospect area to be tested for mineralisation strike and depth extensions during Phase 2 drilling:
 - 10 metres at 3.6 g/t gold
 - 12 metres at 1.3 g/t gold and 0.4% copper





FARM-IN FUNDED EXPLORATION



MAJOR GROWTH PROJECTS

Farm-in exploration

B Newmont

WILKI FARM-IN (100% ANTIPA: NEWMONT)

Targeting greenfield discoveries to supply Telfer's 22 Mtpa goldcopper-silver processing facility

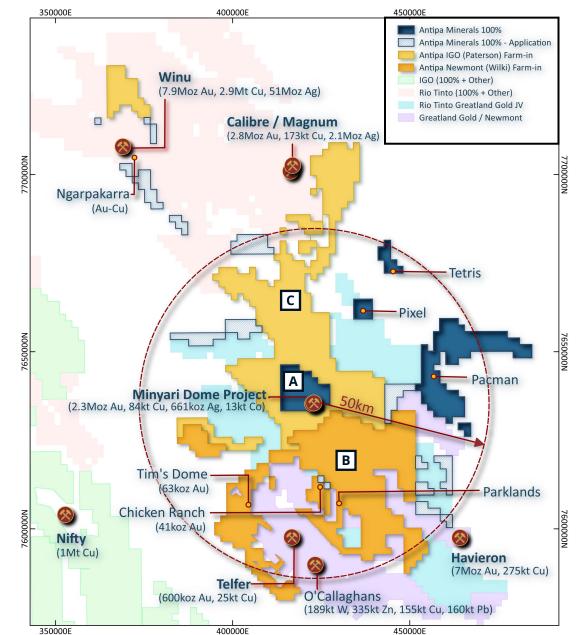
- Exciting Parklands greenfield gold target primed for drill testing
- Ongoing project scale interpretation and data modelling expected to produce additional drill targets
- FY2024 and FY2025 programme budgets fully funded and operated by Newmont



PATERSON FARM-IN (100% ANTIPA: IGO)

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

- FY2024 programme included
 9,190m of diamond core, RC and air core drilling
- H2 FY2024 diamond core 2,607m drilling programme completed – Results pending
- FY2024 and FY2025 programme budgets fully funded and operated by IGO

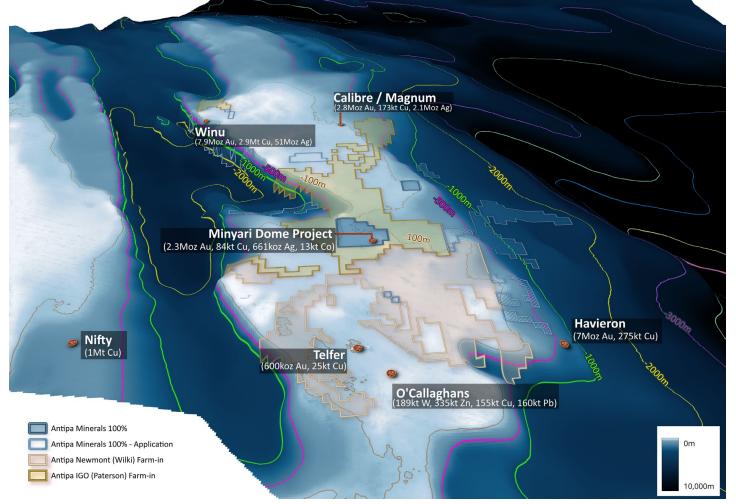


1. Havieron refer to Greatland Gold plc AIM release dated 21 December 2023, "Havieron Mineral Resource Estimate Update". Winu refer to Rio Tinto Ltd ASX release dated 22 February 2023, "Changes to Ore Reserves and Mineral Resources". Telfer and O'Callaghans refer to Newmont Corporation ASX release dated 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".

SHALLOW DEPTH OF YOUNGER COVER ACROSS LARGE 3,920km² 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

 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".



NEW PARKLANDS GREENFIELD TARGET

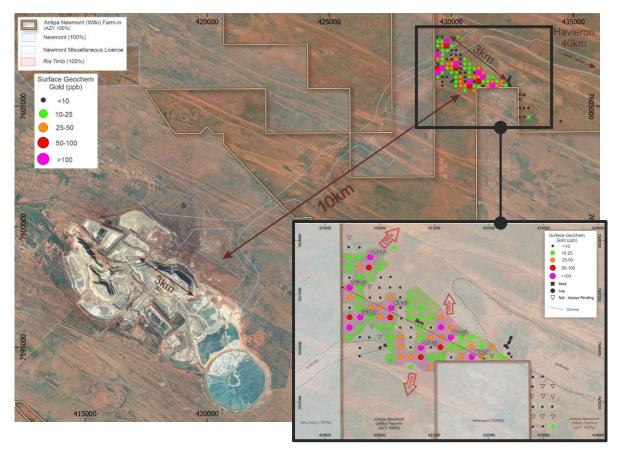
A very large-scale surface geochemical gold anomaly

CURRENT TARGETS

- Parklands surface geochemical gold anomaly:
 - Telfer sized, very large 3km long by up to 1.5km wide
- Located just 10km northeast of Newmont's Telfer goldcopper-silver 22 Mtpa processing facility²
- Extensive Parklands-Chicken Ranch NW-SE trend
- Broader NP40 NW-SE trend connecting Havieron, GEO-01 and Minyari

CY2024 PROGRAMME STRUCTURE¹

- Parklands large scale Heritage Survey completed
- Ongoing large surface geochemical sampling programme
- Tim's Dome drilling
- Focused on greenfield discovery at Havieron, Winu and Telfer analogue targets within 10 to 50km of Newmont's Telfer goldcopper-silver mine and 22 Mtpa processing facility²
- FY2024 and FY2025 programme budgets fully funded and operated by Newmont



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

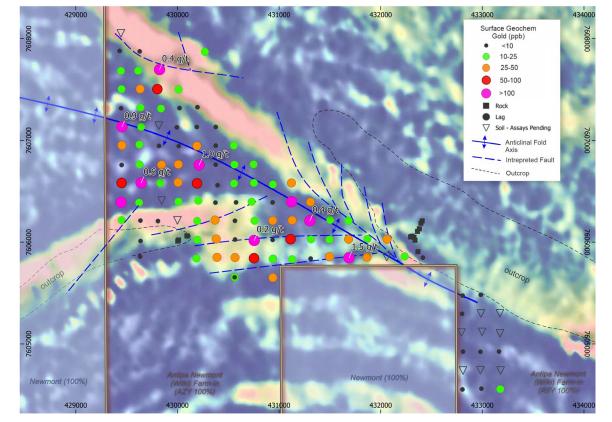
Newmont Corporation has agreed to sell its Telfer assets to Greatland Gold plc: Refer to Greatland Gold plc AlM releases "AIM Admission Document" dated 10 September 2024, and "Acquisition of Havieron & Telfer – Update" dated 14 October 2024".



NEW PARKLANDS GREENFIELD TARGET

A very large-scale surface geochemical gold anomaly

- Located just 10km northeast of Newmont's Telfer gold-coppersilver 22 Mtpa processing facility¹
- 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 bismuth, tungsten, cobalt, sulphur, antimony, tin and selenium
- Favourable gold mineralisation anticlinal trap site, with fluid conduit plumbing including:
 - Situated on a northeast trending structure, which intersects Telfer; and
 - Thrust faulting concentrated in fold nose
- Shallow cover of less than 20m
- Anomaly open to the southeast, northwest and north
- Northwest trending host rock package hosts several gold deposits nearby – including Chicken Ranch and Turkey Farm



[.] Exploration programmes and development studies are subject to changes which may be made consequent upon results, field conditions and ongoing review

Newmont Corporation has agreed to sell its Telfer assets to Greatland Gold plc: Refer to Greatland Gold plc AlM releases "AIM Admission Document" dated 10 September 2024, and "Acquisition of Havieron & Telfer – Update" dated 14 October 2024".



MULTIPLE TARGETS SURROUNDING MINYARI

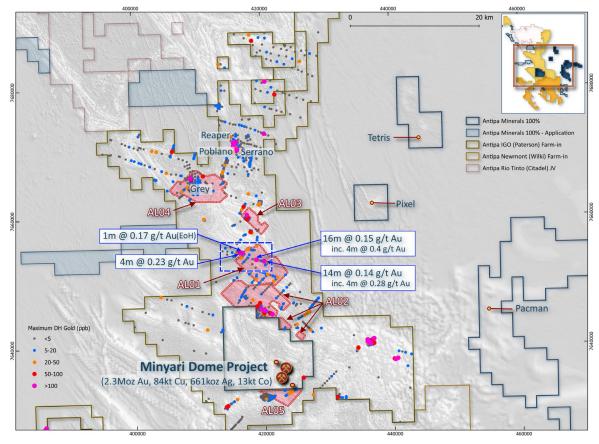
Including Winu and Havieron analogue targets

CURRENT 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

CY2024 PROGRAMME STRUCTURE¹

- Exploration activities:
 - Diamond core drilling at PP-GRAV02 and PP-GRAV01 seven holes for 2,607m - Results pending
 - Comprehensive large-scale hydrochemistry sampling programme - Results pending
 - Geophysical surveys including DHEM
 - Air core and diamond core drill programme Q3 CY2024
- FY2024 and FY2025 programme budgets fully funded and operated by IGO

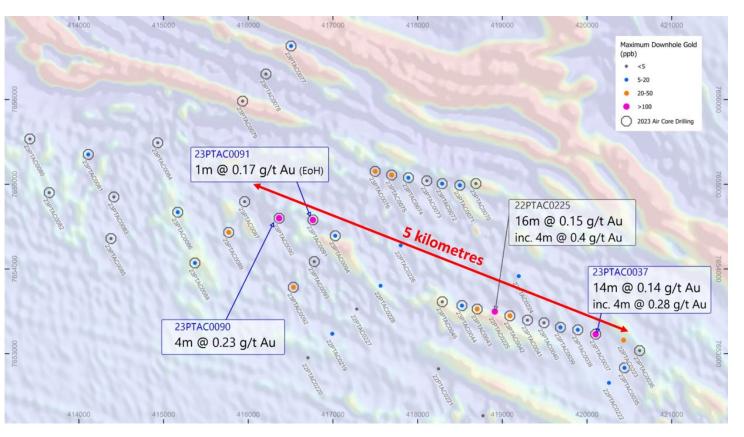


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AL01 – A VERY LARGE-SCALE AIR CORE GOLD TARGET

5km long air core gold and pathfinder anomaly just 17km from Minyari

- 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



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

ANTIPAMINERALS

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KEY FARM-IN AGREEMENT TERMS

WILKI PROJECT: A\$60M NEWMONT FARM-IN FOR UP TO 75% INTEREST

(AZY 100%, NEWMONT 0%)

В

- ~1,470km² Antipa / Newmont Farm-in Project (agreed 28 February 2020) comes to within 3km of Newmont's Telfer gold-copper-silver mine and 22 Mtpa plant and 9km of Newmont-Greatland Gold's Havieron gold-copper development project
- Initial A\$6M minimum exploration programme within 2 years managed by Antipa (achieved December 2021)
- Newmont may earn a 51% interest in the Wilki Project by spending a further A\$10M within 5 years of commencement (28 February 2025), this period may be extended by Newmont by 2 years to 28 February 2027
- Newmont may earn up to 75% by sole funding a further A\$44M within 8 years of commencement (Total expenditure of A\$60M within 8 years of commencement of the Farm-in, i.e. by 28 February 2028)
- Managed and operated by Newcrest from July 2022 and Newmont from November 2023
- Newmont holds 8.6% interest in Antipa¹

C PATERSON PROJECT: A\$30M IGO FARM-IN FOR UP TO 70% INTEREST

(AZY 100%, IGO 0%)

- ~1,550km² Antipa / IGO Farm-in Project (agreed 9 July 2020) comes within 23km of Telfer and 8km of Rio'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 (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
- IGO holds 3.1% interest in Antipa

1. Newmont Corporation has agreed to sell its shareholding in Antipa to Greatland Gold plc: Refer to Greatland Gold plc AIM releases "AIM Admission Document " dated 10 September 2024, and "Acquisition of Havieron & Telfer – Update" dated 14 October 2024.

MINYARI DOME PROJECT 2024 MINERAL RESOURCE ESTIMATE

MINYARI DOME PROJECT (ANTIPA 100%)^{1,2}

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 Dom	e Project	47,600,000	1.51	2,320,000	0.43	661,000	0.18	84,000 0.03		13,000

1. 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.

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MINERAL RESOURCE - WILKI FARM-IN PROJECT

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 and supporting documentation 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 and www.asx.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 Minyari Dome Project deposits Mineral Resources is extracted from the report entitled "100% Owned Minyari 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 or data that materially affects the 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.

MINERAL RESOURCE ESTIMATES – GOLD EQUIVALENT CALCULATIONS

Gold Metal Equivalent Information - Minyari Dome Project Mineral Resource Gold Equivalent reporting cut-off grade

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 FOR SLIDE 5

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 water 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 webse https://nortongoldfields.com.au/bullabulling/ Bullabulling goldfield (Australian Ore Deposits) by G.A Partington, T.P. Davis and T.W.B Pilcher, dated 2018 webse 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 Avatable: https://ausgoldlimited.com/projects/katanning-gold-project/#jorc-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
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 Available: 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 Available: https://antipaminerals.com.au/upload/documents/investors/asx-announcements/240917014026_24-09-17-AntipaMediaRelease-MDPMinyariGEO-01MRE.pdf
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
Gum Creek	Horizon Gold	2.1	1.5	0.0	28.2	16.3	Exploration	Scoping Study	Horizon Gold Scoping Study Presentation 2024
Lady Julie	Magnetic Resources	1.9	1.8	0.0	19.7	12.9	Exploration	Pre-Feasibility study	Magnetic Resources presentation dated October 2024
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 Avalable: 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 Avatable: https://www.kairosminerals.com.au/site/pdf/781dc00d-ce84-485c-8984-8526a487fad8/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
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 watere https://bc8.com.au/wp-content/uploads/2024/07/2024/07-19-ASX_BCSL_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
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 Avalate: https://yourri.info/resources/16/8a94405/2349b/announcements/sik.asx/6A1231525/STK. Investor Presentation Red Cloud Mining Showcase.pdf

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THANK YOU