

A PREMIER MINERAL DEVELOPMENT AND EXPLORATION COMPANY

WITH A DOMINANT 100% OWNED PATERSON PROVINCE LANDHOLDING FEATURING THE STAND-ALONE MINYARI DOME GOLD-COPPER DEVELOPMENT PROJECT

PRECIOUS METALS SUMMIT BEAVER CREEK CONFERENCE INVESTOR PRESENTATION

ASX: AZY | September 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.



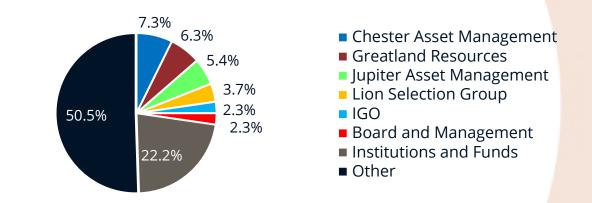
EXCELLENT FINANCIAL FOUNDATION AND CLEAN CAPITAL STRUCTURE



CAPITAL STRUCTURE | ASX: AZY

Share price ¹	A\$0.67
Shares on issue ¹	648M
Market capitalisation ¹	A\$434M
Cash ²	A\$71M
Debt	Nil
EV	A\$363M
Options ³	56M

SHARE REGISTER AND RESEARCH COVERAGE⁴



EURØZ HARTLEYS GROUP

Hannam&Partners





ShawandPartners

^{1.} At 3 September 2025.

^{2.} Cash at bank at 16 July 2025 (unaudited).

^{3.} At 3 September 2025, 55.9M options with a weighted average exercise price of A\$0.413.

^{4.} At 2 September 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 Chairperson of Coalspur Mines, and former General Counsel of LionOre Mining International

Roger Mason

Managing Director and CEO

- Geologist
- More than 35 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

Neil Warburton

Non-Executive Director

- Mining Engineer
- More than 45 years operational, senior leadership, and Board experience
- Led underground mining services company Barminco Limited for 6 years
- Chairperson of Nimy Resources and Belararox

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
- Chairperson of Lepidico, and Director of Strategic Metallurgy
- Former Director of LionOre's Tati Nickel

Stephen Power

Non-Executive Director

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

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



OUTSTANDING LAND PACKAGE

Over 4,100km²

Proximal to the Telfer mine and Havieron and Winu development projects

SIZEABLE EXISTING MINERAL RESOURCE

Large growth potential

2.5 Moz of gold, 84,000 t of copper, and 666 koz of silver

PROVEN DEVELOPMENT OPPORTUNITY

2024 Scoping Study

 $NPV_{7\%}$ A\$834M pre-tax at A\$ 3,000 /oz gold¹

LARGE-SCALE NEW DISCOVERY POTENTIAL

Blue sky potential

Greenfield and brownfield opportunities to grow Resource base

EXCELLENT FINANCIAL FOUNDATION

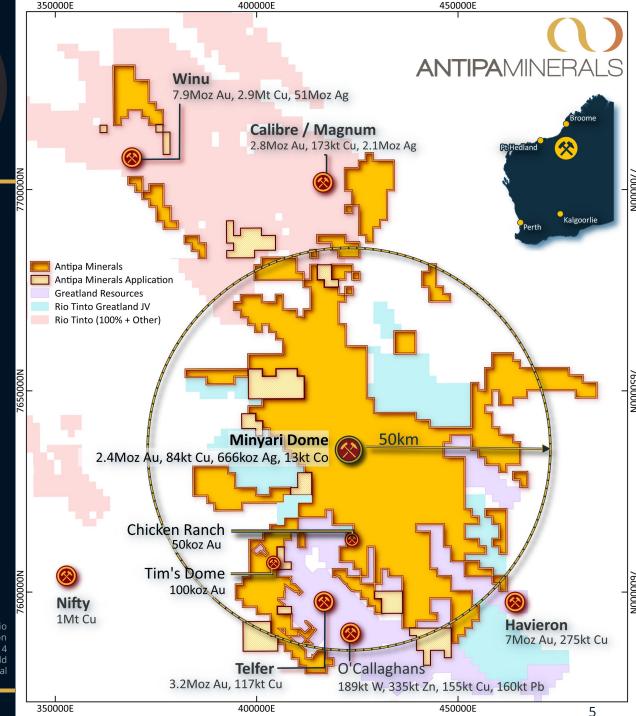
A\$71M cash position

Bullet-proof balance sheet enables rapid project growth and advancement² MAJOR DRILLING PROGRAMME UNDERWAY

Minyari Dome and more

Unlocking new mineral systems across Antipa's wholly-owned land package

- 1. Refer to ASX announcement dated 24 October 2024, "Minyari Dome Scoping Study Update Confirms Development Potential".
 2. As at 16 July 2025 (unaudited).
- 3. Telfer and Havieron refer to Greatland Gold plc AIM release dated 18 March 2025, "2024 Group Mineral Resource Statement". Winu refer to Rio Tinto Ltd ASX release dated 22 February 2023, "Changes to Ore Reserves and Mineral Resources". 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".





STAND-ALONE MINYARI DOME GOLD-COPPER DEVELOPMENT PROJECT





MINYARI DOME DEPOSITS

EXCEPTIONAL DEVELOPMENT POTENTIAL CONFIRMED¹

GOLD EQUIVALENT RESOURCE²

2.4 Moz

CONTAINED GOLD
ONLY RESOURCE²

GOLD at 1.6 g/t INDICATED RESOURCE²

MINE SCHEDULE

Initial open pit and underground mine

30.2 Mt at 1.5 g/t Au

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 years

NPV_{7%}

A\$834M

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

IRR

52%

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

CAPITAL

A\$306M

Induding A\$ 90M pre-production mining

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

^{2.} Antipa's Minyari Dome MRE only, i.e. excludes Antipa's Satellite Deposits 150koz gold Mineral Resources Estimate. See Appendix for MRE statement and full references.



PROJECT SUMMARY: FREE CASH FLOW



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

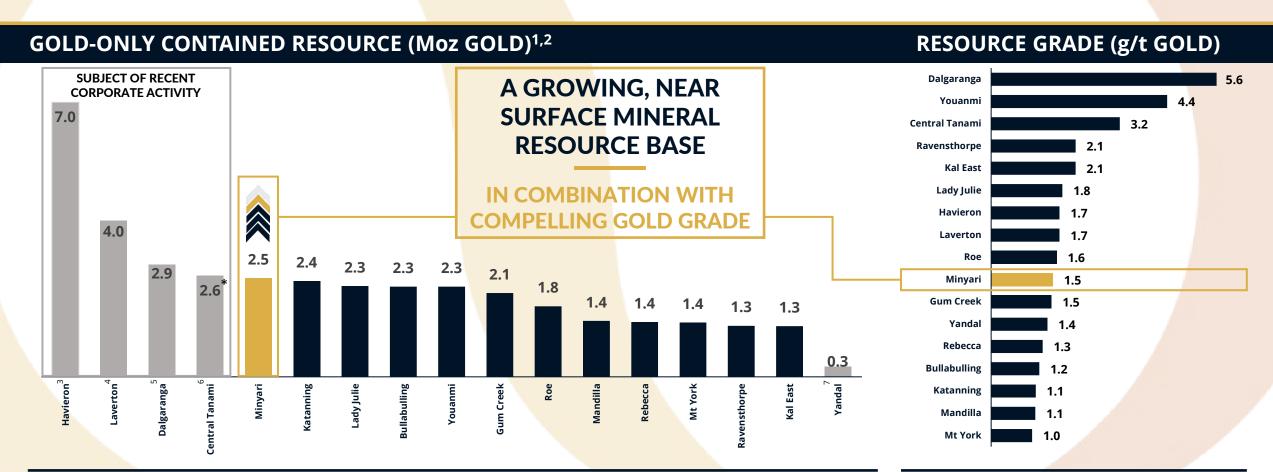


^{1.} Minyari Dome Project Scoping Study Update dated 24 October 2024 completed to ±35% level of accuracy.



STAND-ALONE MINYARI DOME GOLD-COPPER DEVELOPMENT PROJECT





Refer to slide 44 for full gold project Resource details and all footnotes (1 to 7) which include references to highlighted recent corporate activity.

^{*} Note that the gold-only resource shown for Central Tanami is inclusive of a 1 Moz historical (JORC 2004) Mineral Resource estimate



STAND-ALONE MINYARI DOME GOLD-COPPER DEVELOPMENT PROJECT





PRE-FEASIBILITY STUDY

CRITICAL WORKSTREAMS MATERIALLY ADVANCED²







- Recruitment of highly experienced Study Manger finalised
- Leading industry consultants engaged across PFS workstreams
- Metallurgical test work to refine processing flowsheet
- Environmental and water studies to support permitting
- Mine planning, process plant engineering, and non-processing infrastructure development
- Drilling to support delivery of the PFS MRE, as well as mining and infrastructure related geotechnical, sterilisation and hydrogeological drilling
- Preparation of key approvals and licence applications
- Ongoing engagement with Native Title stakeholders
- Human resourcing, including recruitment of technical personnel
- Ongoing assessment of funding options, focused on traditional debt and equity

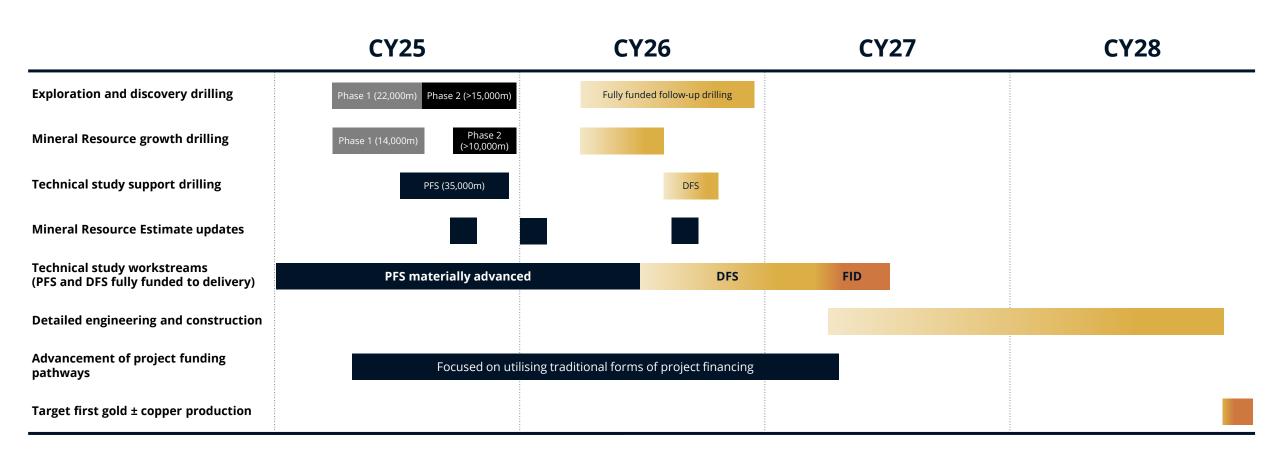
^{1.} Refer to Antipa release dated 14 April 2025, "Minyari Dome Pre-Feasibility Study Advancement Update".

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



MINYARI DOME DEVELOPMENT PROJECT DELIVERY SCHEDULE





This schedule should be regarded as conceptual in nature, as it is subject to future events and risks, including factors beyond the Company's control that may affect target timelines.



COMPLETED PHASE 1 CY2025 GROWTH-FOCUSED DRILLING EXPECTED TO **DELIVER FURTHER RESOURCE GROWTH**



MINYARI DOME **DEPOSITS**

RESOURCE GROWTH EXTENSIONAL DRILLING PROGRAMME PROVIDES STEP-OUT SUCCESS ACROSS MULTIPLE-ZONES¹

- Completed Phase 1 growth-focused drilling comprised 63 holes for 14,453m, including 55 RC holes (11,422m), six diamond core holes (2,576m) and two diamond-tail holes (455m)
- Pending assay results for two remaining full holes and several partial holes are expected during Q3 CY2025

- Targeting expansion of the existing near-surface Minyari Dome Mineral Resource to further enhance the development opportunity
- Initial results delivered extensional success across multiple zones, with notable intersections that included:
 - 15m at 2.0 g/t gold from 336m in 25MYCD0698
 - 41m at 1.8 g/t gold and 0.18% copper from 98m in 25MYC0697, including:
 - 3m at 11.3 g/t gold, 1.20% copper, 2.3 g/t silver and **0.11% cobalt** from 113m
 - 10m at 3.1 g/t gold from 149m in 25MYC0707, including:
 - 1m at 23.4 g/t gold and 0.06% copper from 151m
- Focus on extending the resources down dip and/or along strike at:
 - Multiple deposits across the GEO-01 combined 1km x 800m opportunity footprint, all of which remain open down-dip and in some cases along strike:
 - Main Zone, Minella, Fiama and Central
 - Minyari, Minyari South and WACA

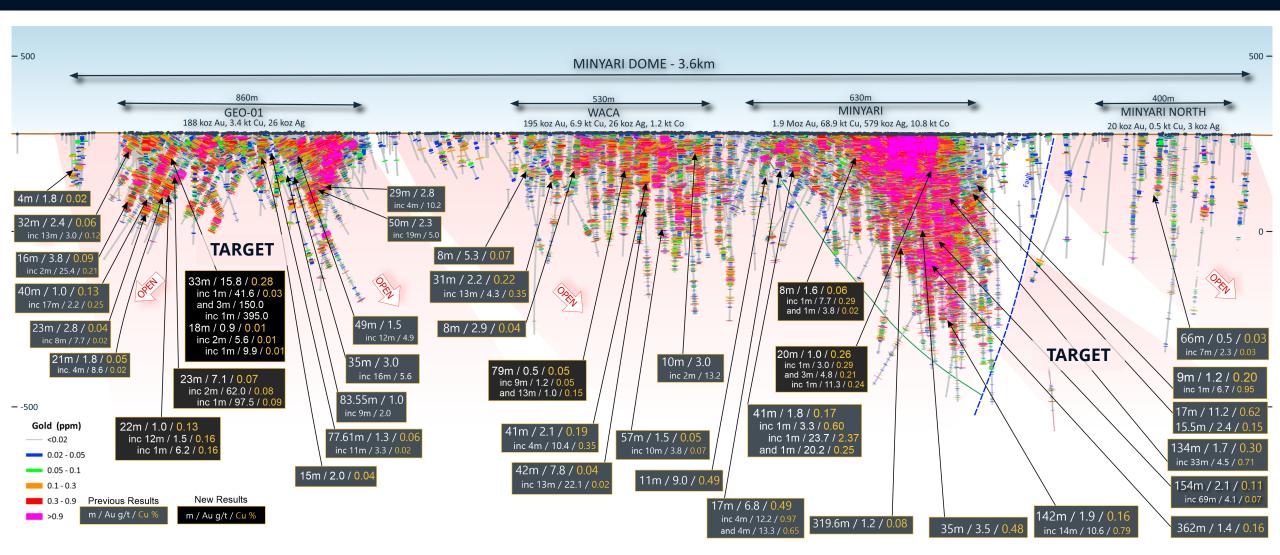
^{1.} Exploration programmes and development studies are subject to changes which may be made consequent upon results, field conditions and ongoing review.



MULTIPLE RESOURCE EXTENSION TARGETS



MINYARI DOME LONG SECTION: LOOKING WEST

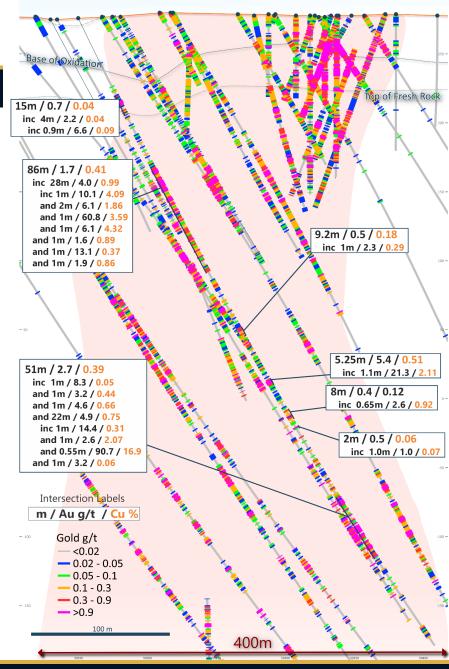




MINYARI DEPOSIT RESOURCE DEFINITION

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

- Outstanding high-grade gold + copper-silver-cobalt mineralisation:
 - **154 metres at 2.1 g/t gold and 0.1% copper** from 9m in 16MYC0045
 - **142 metres at 1.9 g/t gold and 0.2% copper** from 294m in 21MYCD0200
 - 35 metres at 3.5 g/t gold and 0.5% copper from 20m in 21MYC0272
 - 86m at 1.7 g/t gold and 0.41% copper from 121m in 24MYD0533, including:
 - **28m at 4.0 g/t gold, 1.0% copper, 3.0 g/t silver and 0.10% cobalt** from 124m
 - 51m at 2.7 g/t gold, 0.39% copper and 1.0 g/t silver from 396m in 24MYD0533, including:
 - 22m at 4.9 g/t gold, 0.75% copper and 2.1 g/t silver from 418m
 - 75.6m at 1.6 g/t gold and 0.10% copper from surface to end of hole in 24MYD0534, including:
 - 14m at 6.8 g/t gold, 0.40% copper and 1.2 g/t silver from 15m
- 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 targeted for CY2025



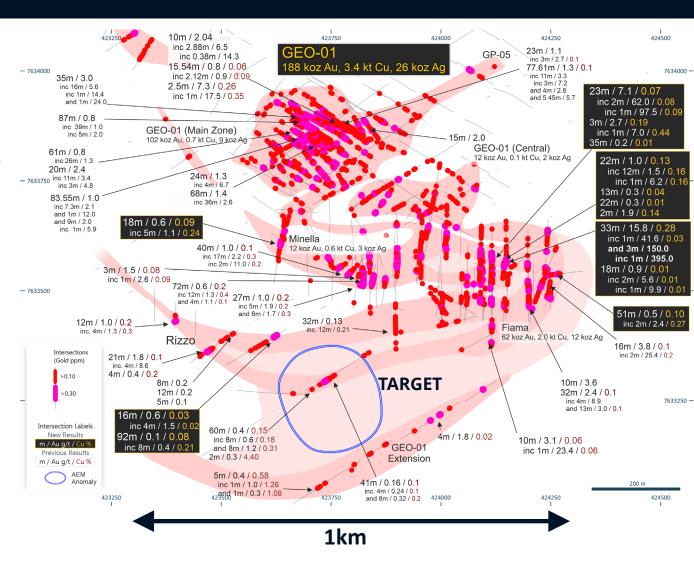


OVERVIEW OF THE GEO-01 DISCOVERY



GEO-01 AND SURROUNDS – GROWTH EXPECTED¹

- Large 1km by 800m gold ± copper footprint
- GEO-01 Main Zone deposit thick high-grade gold mineralisation defines current northern limit:
 - Main Zone's strike 500m and between 10 to 190m thick
 - Thick, high-grade gold mineralisation open down plunge
- Gold ± copper mineralisation remains open in several directions and at multiple deposits
- Phase 1 programme delivers shallow bonanza grade gold at Fiama and extensive shallow high-grade gold-copper discovery south of Rizzo-Fiama
- Additional large areas to follow-up for mineralisation strike and depth extensions during Phase 2 drill programme planned for Q3 CY2025
- Material Resource growth opportunities expected to be unlocked with further drilling



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





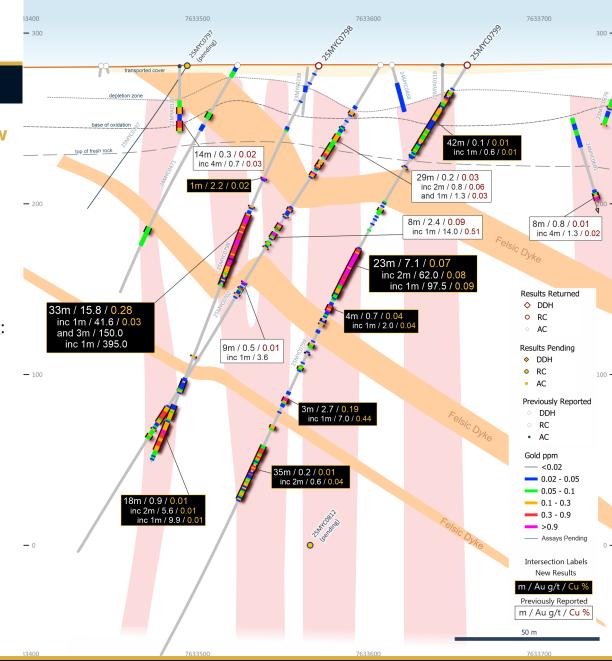
GEO-01 DISCOVERY: FIAMA

FIAMA - MRE: 62 KOZ OF GOLD - GROWTH EXPECTED1

Bonanza gold intersections at Fiama of up to 520 gram-metres in new extremely high-grade zones, with mineralisation open in multiple directions:

- 33m at 15.8 g/t gold and 0.28% copper from 96m in 25MYC0798, including:
 - 1m at 41.6 g/t gold from 114m
 - 3m at 150.0 g/t gold from 123m, also including:
 - 1m at 395.0 g/t gold from 124m
- 23m at 7.1 g/t gold and 0.07% copper from 125m in 25MYC0799, including:
 - 2m at 62.0 g/t gold and 0.08% copper from 128m, also including:
 - 1m at 97.5 g/t gold and 0.09% copper from 128m
- 32m at 2.4 g/t gold from 140m 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 in 24MYC0632, including:
 - 2m at 25.4 g/t gold and 0.21% copper from 120m
- **10m at 3.1 g/t gold** and 0.06% copper from 149m in 25MYC0707, including:
 - 1m at 23.4 g/t gold and 0.06% copper from 151m
- 8m at 2.5 g/t gold and 0.09% copper from 110m in 25MYC0702, including:
 - 1m at 14.0 g/t gold and 0.51% copper from 116m

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

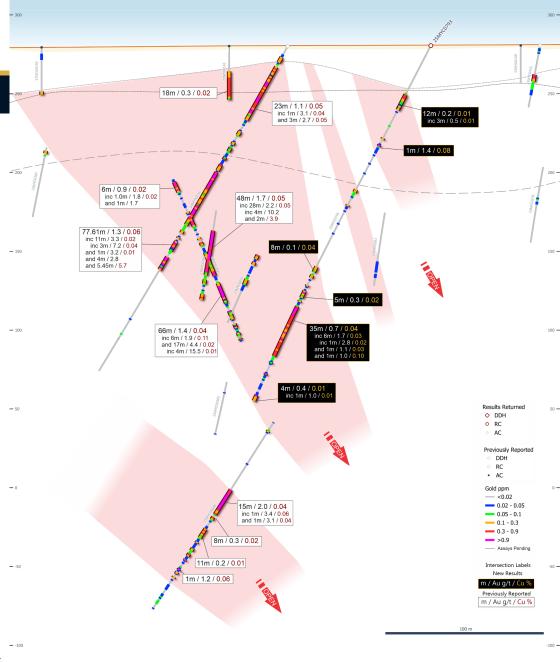




GEO-01 DISCOVERY: MAIN ZONE

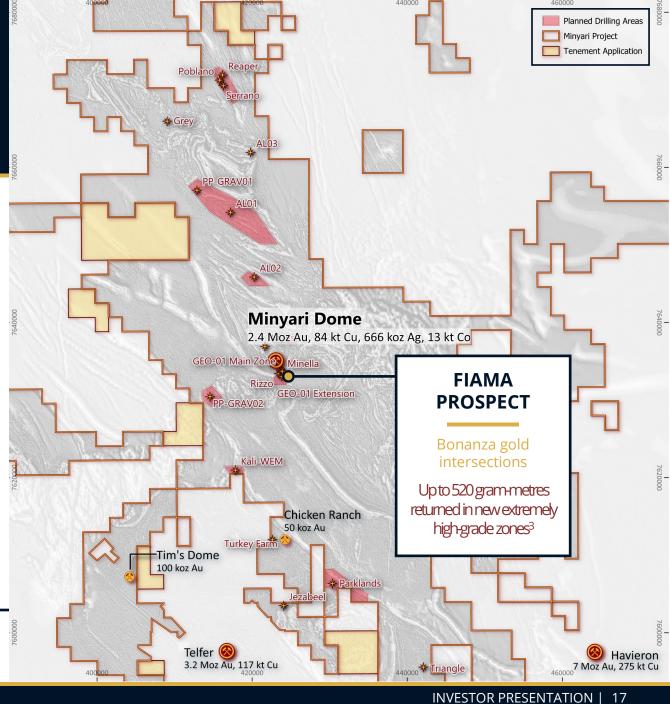
MRE: 114 KOZ OF GOLD - GROWTH EXPECTED1

- Multiple significant zones of high-grade gold mineralisation under just 3 to 16 metres of sand cover, including:
 - **35m at 3.0 g/t gold** from 20m in 24MYC0610, including:
 - 16m at 5.6 g/t gold from 33m
 - **50m at 2.3 g/t gold** from 72m in 23MYC0383, including:
 - 19m at 5.0 g/t gold from 89m
 - **20m at 2.4 g/t gold** from 114m in 24MYC0442, including:
 - 11m at 3.4 g/t gold from 122m
 - **83.6m at 1.0 g/t gold** from 4m in 24MYD0535
 - **68m at 1.4 g/t gold** from 68m in 23MYC0383, including:
 - **36m at 2.6 g/t gold** from 72m
 - **77.6m at 1.3 g/t gold** from 87m in 24MYD0536, including:
 - 11m at 3.3 g/t gold from 93m
- Open down plunge Phase 1 step out drill intersections include:
 - **15m at 2.0 g/t gold** from 336m in 25MYCD0698
 - 1m at 10.3 g/t gold from 572m in 25MYCD0698
 - **2.5m at 7.3 g/t gold** and 0.26% copper from 310.5m in 25MYD0539, including:
 - 1m at 17.5 g/t gold and 0.35% copper from 312m
- Located just 1.3km from 1.9 Moz Minyari gold resource



PHASE 1 CY2025 DISCOVERY-**FOCUSED DRILLING NOW COMPLETE**

- Focused on **testing priority gold ± copper greenfield targets** and existing prospects proximate to the Minyari Dome deposits^{1,2}
- Phase 1 comprised 247 holes for 21,605m, including 205 air core holes (13,332m), 40 RC holes (7,477m) and two diamond core holes (796m)
- Assay results pending for 59% (12,822m) of the programme expected during Q3 CY2025
- New gold ± copper discovery south of Rizzo and Fiama:
 - Discovery plus broader target covers a 1.0km x 700m area
- Additional focus areas included:
 - **Minyari** = Depth and structurally controlled repeat targets
 - **Northern Region = RPS Trend, AL01 and AL02**
 - **Southern Region =** Parklands, PP GRAV-02 and PA5



^{1.} Exploration programmes and development studies are subject to changes which may be made consequent upon results, field

^{2.} Telfer and Havieron refer to Greatland Gold plc AlM release dated 18 March 2025, "2024 Group Mineral Resource Statement".

^{3.} Refer to Antipa release dated 25 August 2025, "Bonanza New Gold Intersections Returned from Fiama".

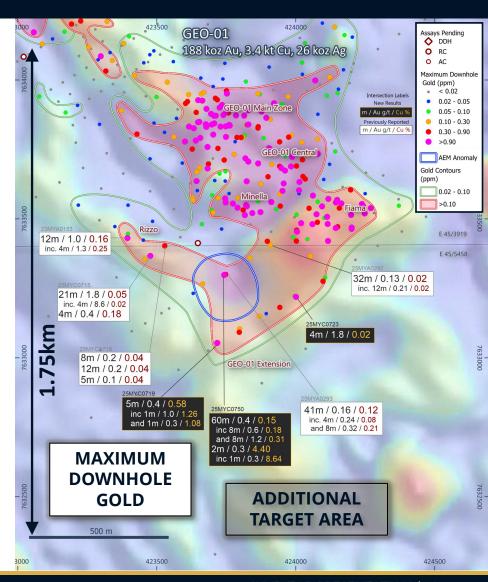


NEW DISCOVERY AT GEO-01 EXTENSION



A LARGE-SCALE RC AND AIR CORE GOLD-COPPER-SILVER TARGET¹

- Located 1.7km south of Minyari
- New gold ± copper discovery south of Rizzo and Fiama²
- Opens up a large 2km metre by 800 metre target area
- Shallow cover less than 5m
- Limited, broad spaced (> than 200m x 100m spaced) Phase 1 drilling completed:
 - 18 air core holes for 840m and 14 RC holes for 2,568m Assay results received
- Phase 1 drill intersections include:
 - 21m at 1.8 g/t gold and 0.06% copper from 44m in 25MYC0715, including:
 - 4m at 8.6 g/t gold, 0.02% copper and 0.5 g/t silver from 44m
 - **60m at 0.4 g/t gold and 0.15% copper** from 4m in 25MYC0750, including:
 - 8m at 1.2 g/t gold, 0.31% copper and 0.6 g/t silver from 44m
 - 2m at 0.3 g/t gold, 4.4% copper and 4.4 g/t silver from 131m in 25MYC0750
 - 4m at 1.8 g/t gold from 100m in 25MYC072
- Multiple highly prospective metasediment and dolerite contacts plus magnetic and electromagnetic conductivity anomalies remain untested
- Heritage survey completed early July
- Significant follow up testing planned for the Phase 2 CY2025 drilling programme



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





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 eight 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 Antipa 3 Moz gold equivalent Mineral Resource
- Province scale 4,100km² exploration and project development portfolio
- Aggressive CY2025 drilling programmes targeting resource growth and major discoveries
- Multi-layered value pathways for growing shareholder value

EXCELLENT FINANCIAL FOUNDATION

ROBUST CASH POSITION 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 to FID
- Fully funded aggressive growth, discovery and PFS drill programmes
- Steady flow of exploration news as drilling results become available



THANK YOU

