

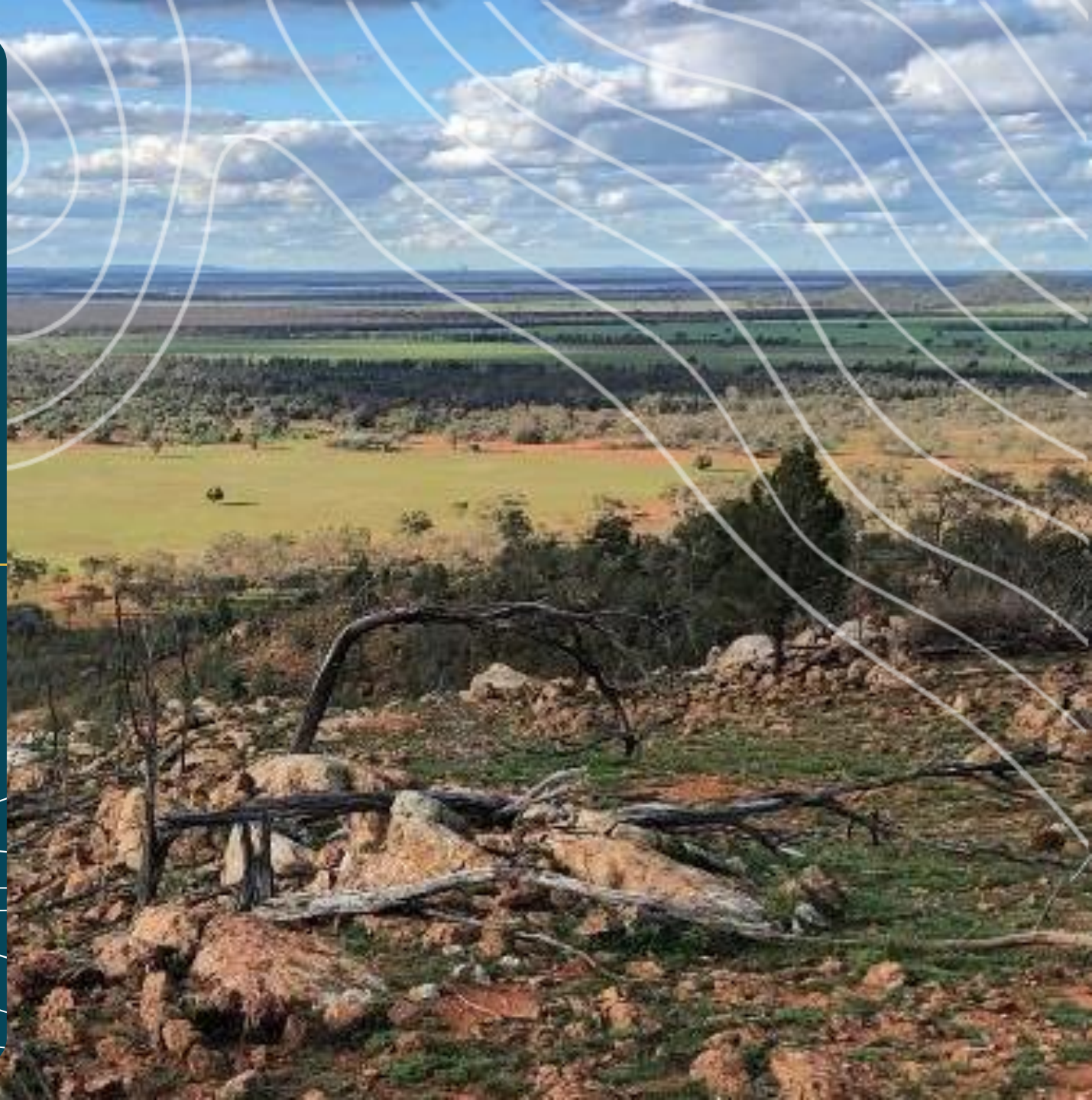
AGC AUSTRALIAN
GOLD AND
COPPER

AGC AUSTRALIAN GOLD
CONFERENCE 2023
CROWN BARANGAROO, SYDNEY | AUGUST 29 & 30

Exploration Update

Taking a Belt Scale Approach
to Mineral Discovery

ASX: AGC | 29 August 2023



Disclaimer and Compliance Statement

This presentation has been prepared by Australian Gold and Copper Ltd ("AGC"). The information contained in this presentation is a professional opinion only and is given in good faith. Certain information in this document has been derived from third parties and though AGC has no reason to believe that it is not accurate, reliable or complete, it has not been independently audited or verified by AGC.

This presentation is for information purposes only. It has been prepared for the purpose of providing general information about Australian Gold and Copper Limited ("AGC"). It should not be considered as an offer, invitation, solicitation or recommendation to subscribe for or purchase any securities in AGC in any jurisdiction. It is not recommended that any person makes an investment decision in relation to AGC in reliance on this presentation material. This presentation does not constitute financial product advice and has been prepared without taking into account the recipient's investment objectives, financial circumstances or particular needs and the opinions and recommendations in this presentation are not intended to represent recommendations of particular investments to particular persons. Recipients should seek professional advice when deciding if an investment is appropriate. All securities transactions involve risks, which include (among others) the risk of adverse or unanticipated market, financial or political developments.

This presentation contains forecasts and forward-looking statements. Such statements are predictions only based on available data which may be unreliable and is subject to inherent risks and uncertainties. Investors are cautioned that forward-looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward-looking statements due to the inherent uncertainty therein, which could cause actual values, results, performances or achievements to differ materially from those expressed, implied or projected in this presentation.

This overview does not purport to be all-inclusive or to contain all information which its recipients may require in order to make an informed assessment of the project prospects. Each of AGC, its officers, employees and advisers expressly disclaims any responsibility for the accuracy or completeness of the material contained in this presentation and excludes all liability, direct, indirect or consequential for any loss or damage which may be suffered by any person as a consequence of any information in this presentation or any error or omission therefrom. AGC accepts no responsibility to update any person regarding any inaccuracy, omission or change in information in this presentation.

COMPETENT PERSONS STATEMENT

The information in this document that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Glen Diemar who is a member of the Australian Institute of Geoscientists. Mr Diemar is a full-time employee of Australian Gold and Copper Limited, and has associated shareholdings in, Australian Gold and Copper Limited, however Mr Diemar believes these shareholdings do not create a conflict of interest, and Mr Diemar has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Diemar consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

The references to any historical exploration results are disclosed in the prospectus, the references and in the Geological Survey of NSW, DIGS file database, and are not pursuant to the JORC 2012 Edition. Mr Diemar confirms that any historical exploration results set out in this document are an accurate representation of the available data and studies for the project owned by Australian Gold and Copper Limited.

FORWARD LOOKING STATEMENTS

This release contains certain forward-looking statements and forecasts, including possible or assumed reserves and resources, production levels and rates, costs, prices, future performance or potential growth of Australian Gold and Copper Limited, industry growth or other trend projections. Often, but not always, forward looking statements can generally be identified by the use of forward looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue", and "guidance", or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production and expected costs. Indications of, and guidance on future earnings, cash flows, costs, financial position and performance are also forward-looking statements.

Forward looking statements, opinions and estimates included in this announcement are based on assumptions and contingencies which are subject to change, without notice, as are statements about market and industry trends, which are based on interpretation of current market conditions. Forward looking statements are provided as a general guide only. Such statements are not a guarantee of future performance and

involve unknown risks and uncertainties, as well as other factors which are beyond the control of Australian Gold and Copper Ltd. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors. Nothing in this report should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities.

IMPORTANT NOTICE

This presentation does not constitute an offer to acquire or sell or a solicitation of an offer to sell or purchase any securities in any jurisdiction. In particular, this presentation does not constitute an offer, solicitation or sale to any U.S. person or in the United States or any state or jurisdiction in which such an offer, tender offer, solicitation or sale would be unlawful.

The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant ASX releases and the form and context of the announcement has not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not been materially modified from the prospectus and the relevant ASX releases.

For further details, refer to the AGC IPO Prospectus and ASX Announcements (ASX:AGC) which are available on the Company website www.austgoldcopper.com.au

The information contained within this Presentation is extracted from the following reports titled:

- ASX AGC Release 'South Cobar Exploration Update Rig Confirmed' 28 August 2023
- ASX AGC Release 'Planet IP Survey Highlights Fourth and Fifth Drill Targets' 20 June 2023
- ASX AGC Release 'Hilltop returns strong gold in rock chips' 16 June 2023
- ASX AGC Release 'Bongongalong – An Emerging 5km Gold Silver Base Metal Trend' 30 May 2023,
- ASX AGC Release 'Hilltop IP Survey defines third compelling drill target' 22 May 2023
- ASX AGC Release 'Achilles IP produces stellar drill targets' 5 May 2023
- ASX AGC Release 'Grandview delivers strong shallow gold results' 10 October 2022
- ASX AGC Release 'Carlisle Reefs results extend gold mineralisation' 26 May 2022
- ASX AGC Release 'Boxdale-Carlisle Gold Trend above Large Ultramafic intrusive' 27 April 2022
- ASX AGC Release 'Near surface gold intersected along Boxdale-Carlisle trend' 2 March 2022
- ASX AGC Release 'Exploration Update' 15 Sept 2021
- ASX AGC Release 'Base-Metal Sulphides overlying EM Conductor at Achilles' 3 May 2021
- ASX AGC Initial Public Offering Prospectus 18th November 2020

which are available to view on www.austgoldcopper.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 document/announcement and the Company confirms that the form and context in which the Competent Person's findings are presented have not materially modified from the original market announcement.

For further details please contact:
Glen Diemar, Managing Director
+61 434 827 965
gdiemar@austgoldcopper.com.au

Australian Gold and Copper Ltd
Suite 7, 55 Hampden Road, Nedlands, Western Australia 6009
P.O. Box 785, West Perth WA 6872 ACN 633 936 526
Phone (08) 9322 6009 Email info@austgoldcopper.com.au www.austgoldcopper.com.au
This presentation has been approved for release by Glen Diemar, Managing Director of Australian Gold and Copper Ltd.

Introduction & Overview

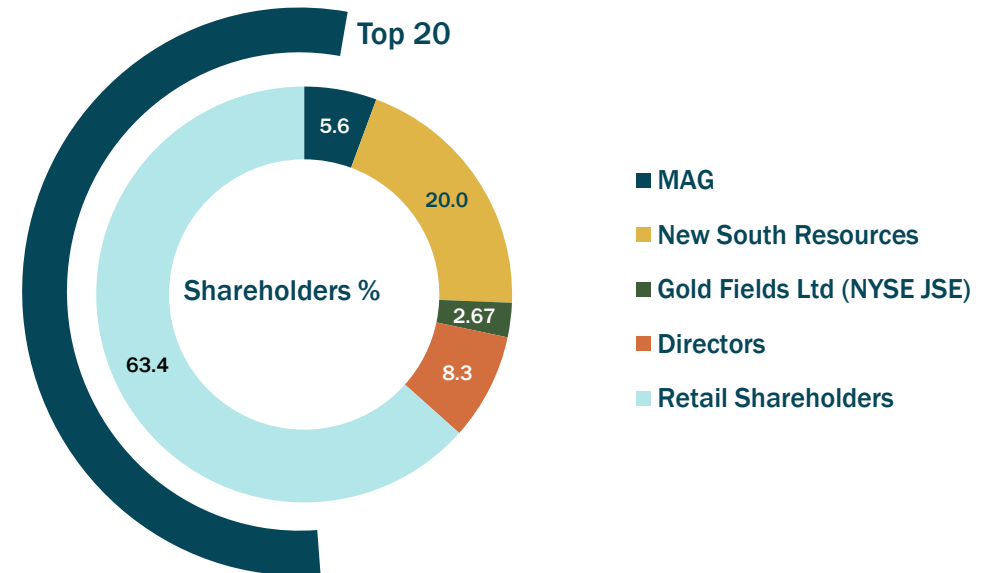
Why AGC? Key Reasons

- 1** AGC holds three quality gold and copper projects, Lachlan Fold Belt NSW, home to world class mines and miners
- 2** South Cobar Gold - Copper Project boasts 120km strike length with results indicative of recent nearby discoveries: Federation (AMI:ASX), Constellation (ASX:AIS), Mallee Bull (ASX:PEX)
- 3** Established Cobar mining district with skilled local population and amenities. Shortest lead times in mine permitting in NSW



Capital Structure

Date	29 August 2023
Cash (at 30 June 2023)	\$2.1m
Shares on Issue	100m
Market Capitalisation	\$5.7m
Options	23m Options (\$0.11 & 0.30 strike price)



AGC Team & Strategic Alliance



David Richardson
Chairman

Extensive international corporate experience including 15 years in Japan in Asia Pacific regional director positions with Pacific Dunlop Ltd and Amcor Ltd, expertise includes venture capital and finance. Founded Magmatic Resources in 2014, listing on the ASX in 2017 and is Executive Chairman. David holds an MBA from the University of Southern California (USC), LA.



Glen Diemar
Managing Director

Early-stage discoveries focused Geologist in NSW mineral systems. Previous roles including BHP Billiton, Indonesia, Kyrgyzstan, and most recently was CEO of successful private explorer, New South Resources PL and was responsible for identifying and developing the projects vended into AGC Ltd. He holds a Masters of Economic Geology and is a member of the AIG and AICD.



Adam McKinnon
Non-Executive Director

Adam is an experienced mining and geoscience professional with a proven track record in the Cobar Basin of NSW as Ex-General Manager – Exploration and Business Development at Aurelia Metals Ltd, where he was involved in several significant discoveries inc. the high-grade Federation deposit. With KBL Mining, Adam led the exploration of the discovery of the Pearse Au-Ag deposit near the Mineral Hill Mine. Adam is currently MD of Magmatic Resources and holds a PhD in mineralogy and geochemistry, is a Chartered Chemist and a member of the AusIMM.

Andrea Betti
CFO & Joint Co. Sec.

Andrea is an accounting and corporate governance professional with over 25 years' experience, in accounting, corporate governance, finance and corporate banking. She is a member of the Institute of Chartered Accountants in Australia and NZ and an associate member of the Governance Institute of Australia. Andrea holds a Master in Business Administration, Bachelor of Commerce, Grad. Dip. in Corporate Governance and a Grad. Dip. in Applied Finance and Investment.

Laura Woods
Joint Co. Sec.

Accounting and corporate governance professional with nearly 10 years' experience in accounting, external audit and corporate governance. She has a Bachelor of Science (Actuarial Science), a Master of Accounting and a Graduate Diploma of Applied Corporate Governance. Ms Woods is a member of the Institute of Charter Accountants Australia and New Zealand.



Shared premises, resources and teams



Strategic Alliance bringing together world class explorers for the benefit of AGC shareholders with the Magmatic Resources technical team

- Myall Porphyry Cu Au discovery Narramine NSW
- Peak Mines discoveries, Kairos, Cobar NSW
- High Grade Federation Au Zn Pb Ag Cu discovery, Cobar NSW
- Ex-Exploration Manager, Gold Fields, St Ives Gold Mine, WA
- Mineral Hill Pearse Gold lode discovery, Cobar NSW
- PhD on structural history of the Cobar Region



Reduced corporate overheads

Joint Corporate Office

Joint Exploration Office

Allowing more shareholder funds spent in the ground



Focused on growing the Community of Lake Cargelligo

A Thriving Community in Central NSW



Strong sporting district



Population 1,500



Cropping and grazing



Centrally located to South Cobar Project



Young energetic skilled workforce



Established mining workforce, workers DIDO to Cowal Gold Operation, Cobar mines: CSA, Hera, Peak



Excellent infrastructure surrounding project, power, gas, water, hospital



Portfolio Summary



Three Drill-ready Copper Gold Projects

Covering ~1,835km² of the Central Lachlan Fold Belt NSW

SOUTH COBAR PROJECT¹

Cobar structural style Au-Cu and polymetallic targets

120km long tenement package

80km long “fertile” horizon identified

5 new drill targets defined

World class district

South Cobar Project: 1,090km²
Cobar-style VMS Cu-polymetallic

MOOREFIELD-OOTHA PROJECT^{2,3}

Gold, copper and Cobar style polymetallic targets

15km long gold-pathfinder anomalous trend

Over 100 historic mine workings

Significant drill intersections and +1,000g/t in rock chips

Extensive gold system confirmed

Moorefield Project: 480km²
Orogenic Au, VMS polymetallic

GUNDAGAI PROJECT^{3,4}

Structural gold-base metal targets
McPhillamys style Au

Strong surface geochem 5km

Historic mining district

Rock chips to 35g/t gold

McPhillamys signature recognised

Extensive gold system confirmed

Gundagai Project: 265 km²
Silurian Au polymetallic

¹ Refer ASX AGC Release 28 August 2023

² Refer ASX AGC Release 27 April 2022

³ Refer ASX AGC IPO Prospectus 18th November 2020

⁴ Refer ASX AGC Release 10 October 2022

Southern Cobar Project

South Cobar Project

Moorefield Project

Gundagai Project

AGC AUSTRALIAN GOLD AND COPPER

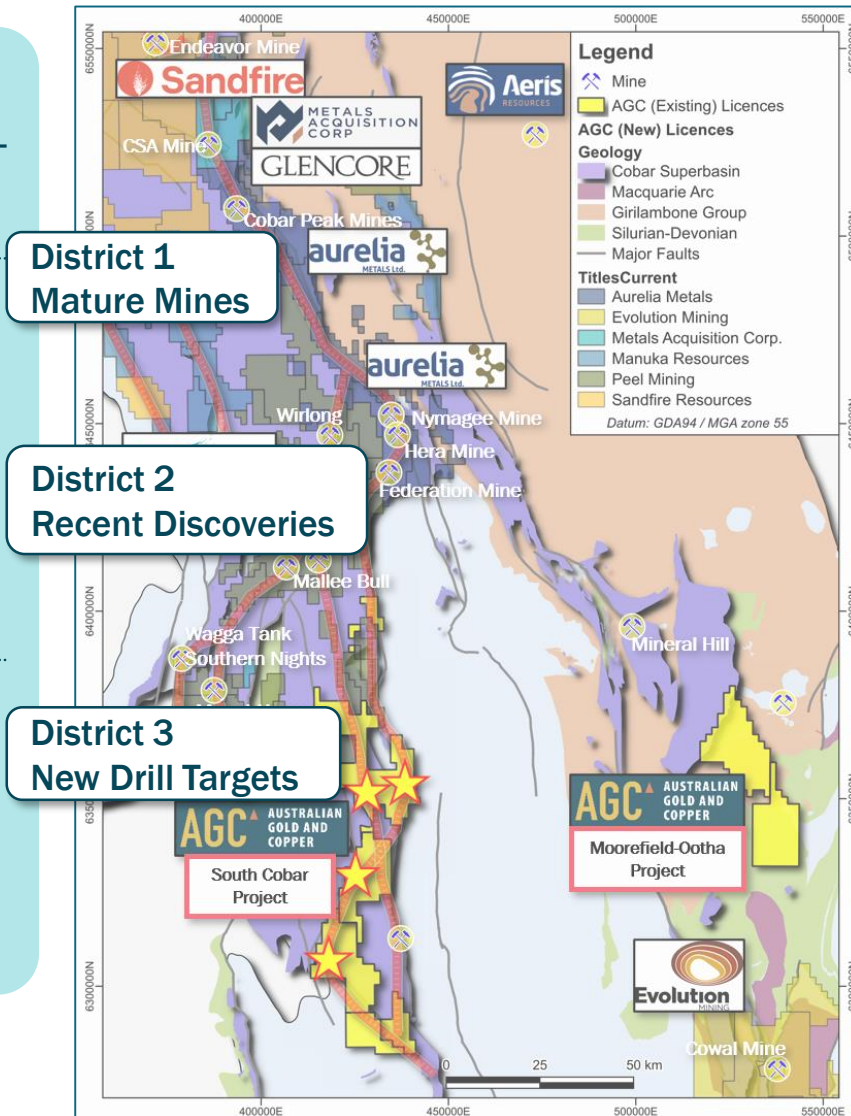
Defining a New District

The Cobar Basin Belt has Three Districts

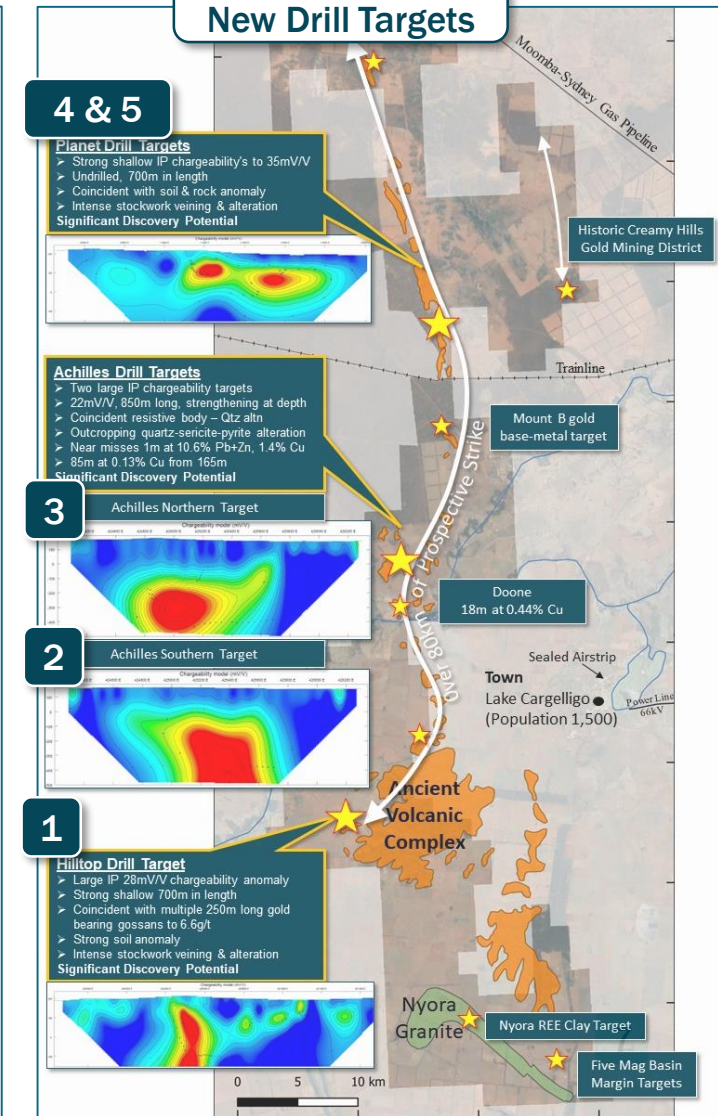
- 1 District 1: Mature mines in the north, dating back to 1870
- 2 District 2: Recent discoveries, ASX AMI Federation¹, ASX PEX² Mallee Bull, Wirlong, Wagga Tank – Southern Nights
- 3 District 3: Now in southern Cobar, new geophysics & geochemistry programs have resulted in:

AGC's Five New Exceptional Drill Targets

- | | |
|-------------------------------|----------------------------|
| 1 Hilltop ³ | 4 Planet West ⁵ |
| 2 Achilles North ⁴ | 5 Planet East ⁵ |
| 3 Achilles South ⁴ | |



AGC's District 3 New Drill Targets



¹ASX AMI 31 May 2023 Investor Presentation – Federation Financing & Equity Update
²ASX PEX 7 August 2023
³AGC ASX 16 June 2023
⁴AGC ASX 5 May 2023
⁵AGC ASX 20 June 2023

Drill Target 1: Hilltop

Near Term Discovery Potential

South Cobar Project

Moorefield Project

Gundagai Project

AGC AUSTRALIAN GOLD AND COPPER

Hilltop Target

Located 20km west of Lake Cargelligo

Large IP 28mV/V chargeability anomaly¹

Strong shallow 700m in length

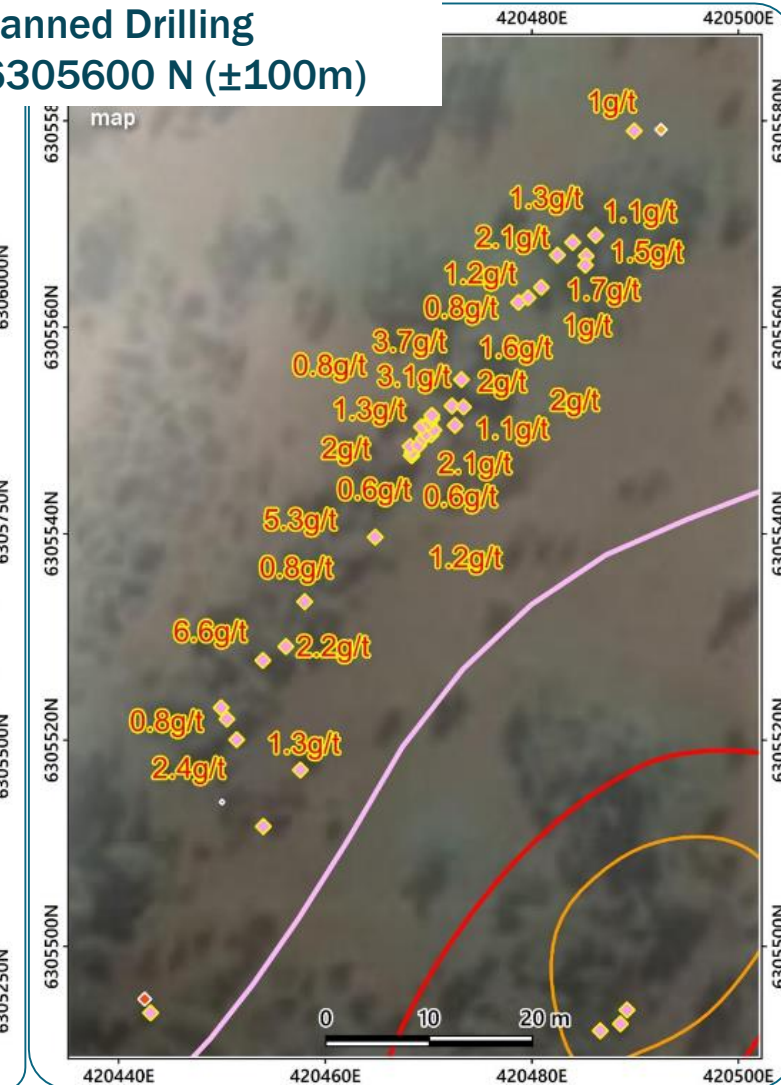
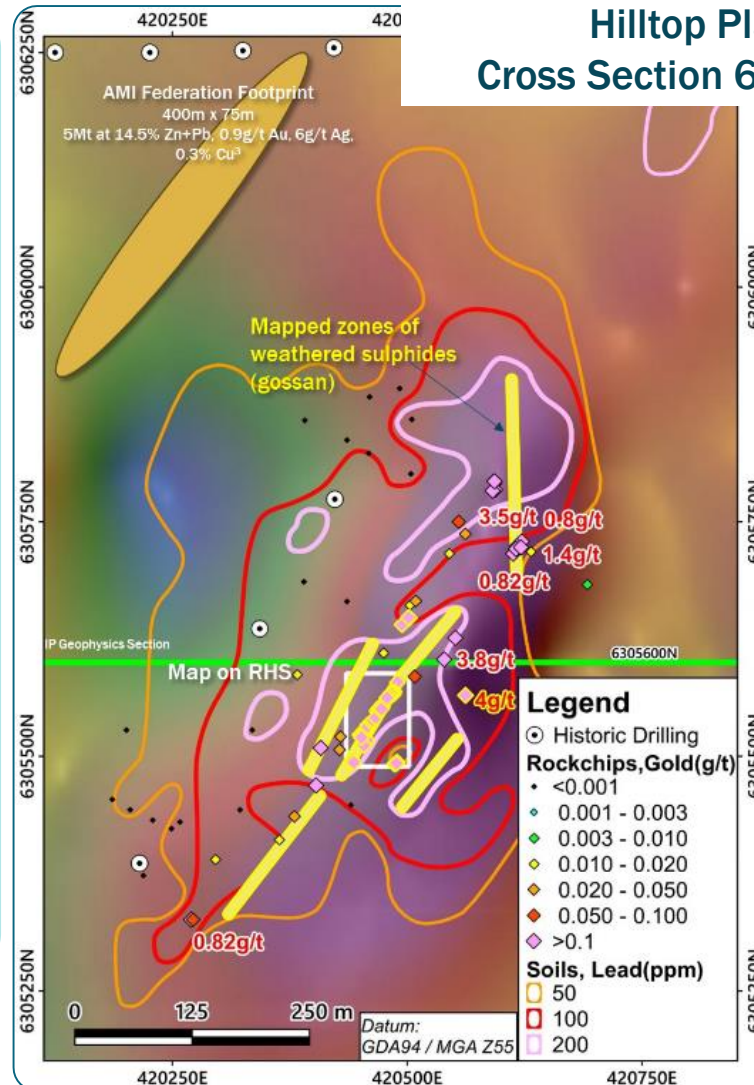
Coincident with

- Multiple 250m long gold bearing gossans to 6.6g/t²
- Strong soil anomaly
- Intense stockwork veining & alteration

Never drill tested - Significant discovery potential

Rig confirmed, drilling from mid-September 2023⁴

¹ Refer ASX AGC Hilltop IP Release 22 May 2023, ² ASX AGC Hilltop IP Release 16 June 2023, ³ ASX AMI 31 May 2023 Investor Presentation - Federation Financing & Equity Update
⁴ Refer ASX AGC Release 28 August 2023



Drill Target 1: Hilltop

Near Term Discovery Potential

South Cobar Project

Moorefield Project

Gundagai Project

AGC AUSTRALIAN GOLD AND COPPER

Hilltop Target

Located 20km west of Lake Cargelligo

Large IP 28mV/V chargeability anomaly¹

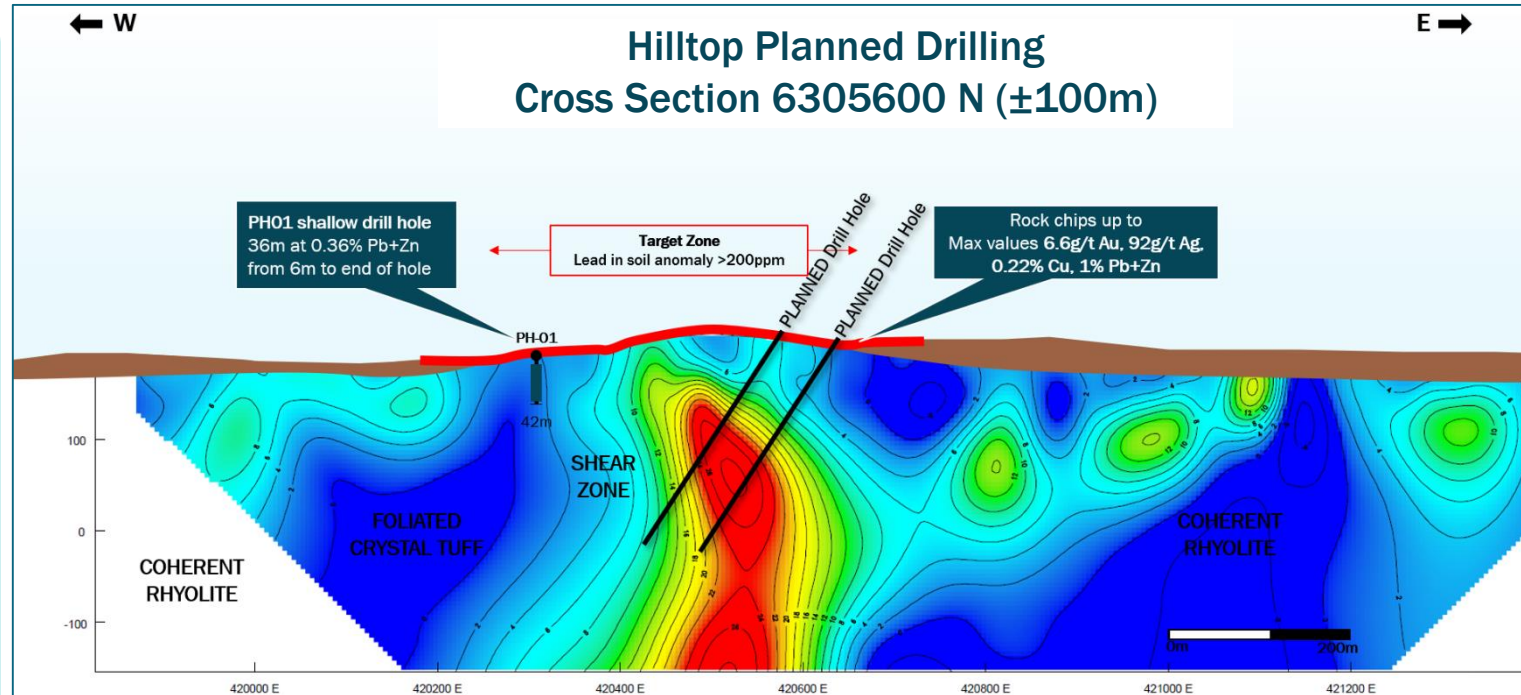
Strong shallow 700m in length

Coincident with

- Multiple 250m long gold bearing gossans to 6.6g/t²
- Strong soil anomaly
- Intense stockwork veining & alteration

Never drill tested - Significant discovery potential

Rig confirmed, drilling from mid-September 2023⁴



¹ Refer ASX AGC Hilltop IP Release 22 May 2023, ² ASX AGC Hilltop IP Release 16 June 2023, ³ ASX AMI 31 May 2023 Investor Presentation - Federation Financing & Equity Update
⁴ ASX AGC South Cobar Exploration Update - Rig Confirmed

Drill Target 2 & 3: Achilles

Near Term Discovery Potential



South Cobar Project

Moorefield Project

Gundagai Project

AGC AUSTRALIAN GOLD AND COPPER

Achilles Target

Located 20km Northwest of Lake Cargelligo

Drilling resulted in extensive elevated Cu Pb Zn¹

5m @ 4.9% Pb+Zn, 0.3% Cu 4g/t Ag from 89m (A3RC0004)¹

inc 1m @ 10.6% Pb+Zn, 1.4% Cu, 12g/t Ag from 89m

85m at 0.13% Cu (A3RC014)³

Federation gold + base-metal Mine was discovered by lead in soil geochemistry, IP and then drilling ²

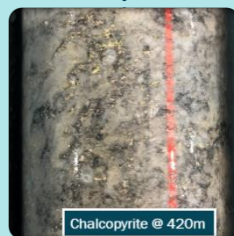
Recent Achilles work⁴ resulted in two large IP targets

22mV/V, 850m long, strengthening at depth

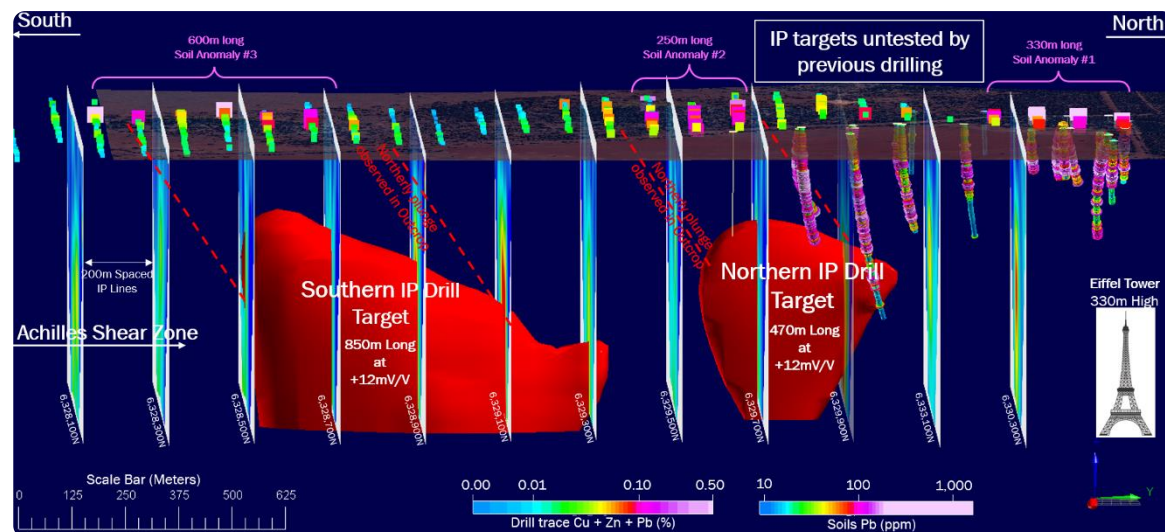
Favourable stratigraphy (Turbidite - volcanic contact)

Lead in soil geochem + outcropping qtz-seri-pyrite alteration

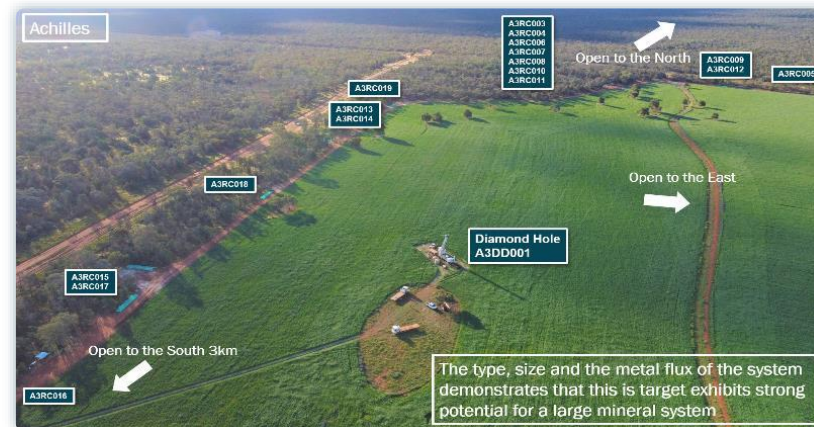
New targets to be drill tested - Significant discovery potential



Achilles Long Section Looking West (2.5km Long)



AGC ASX 6 October 2021; AGC ASX 5 May 2023, Achilles IP produces stellar drill targets



The type, size and the metal flux of the system demonstrates that this is target exhibits strong potential for a large mineral system

¹Refer ASX AGC Release 'Base-Metal Sulphides overlying EM Conductor at Achilles' dated 3rd May 2021

²Refer ASX AGC IPO Prospectus 18th November 2020, p100-117

³Refer ASX AGC Release 'Exploration Update' dated 15th Sept 2021

Drill Target 4 & 5: Planet

Near Term Discovery Potential

South Cobar Project

Moorefield Project

Gundagai Project

AGC AUSTRALIAN GOLD AND COPPER

Planet Target

Located 40km north of Lake Cargelligo

Large IP 35mV/V chargeability anomaly

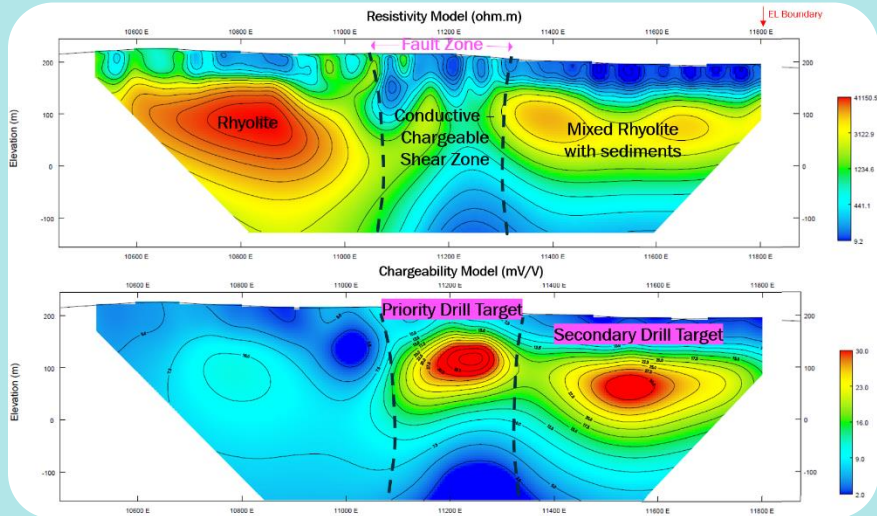
Strong shallow IP chargeability's to 35mV/V

Undrilled, 700m in length

Coincident with soil & rock anomaly

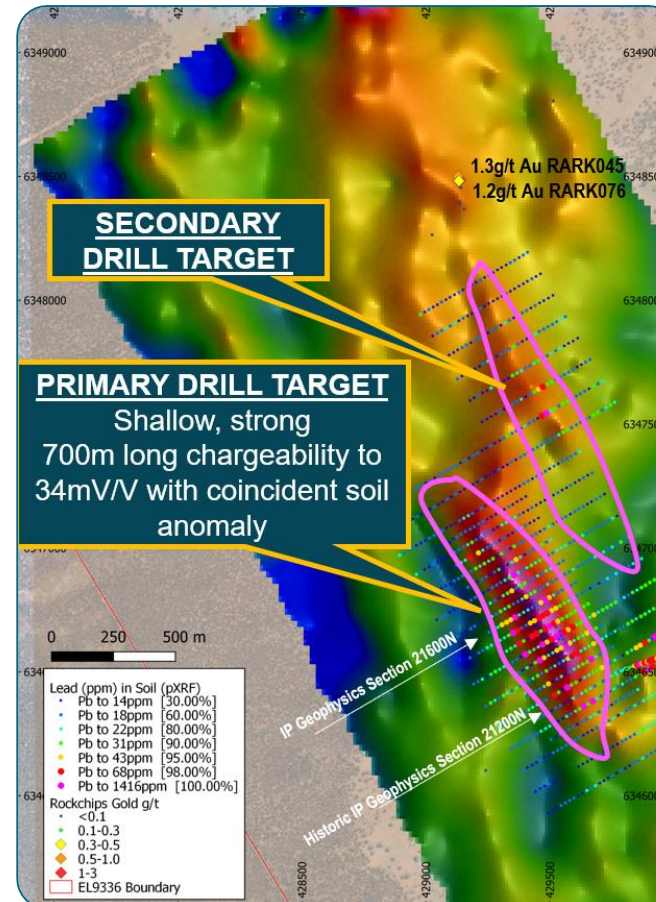
Intense stockwork veining & alteration

Significant discovery potential

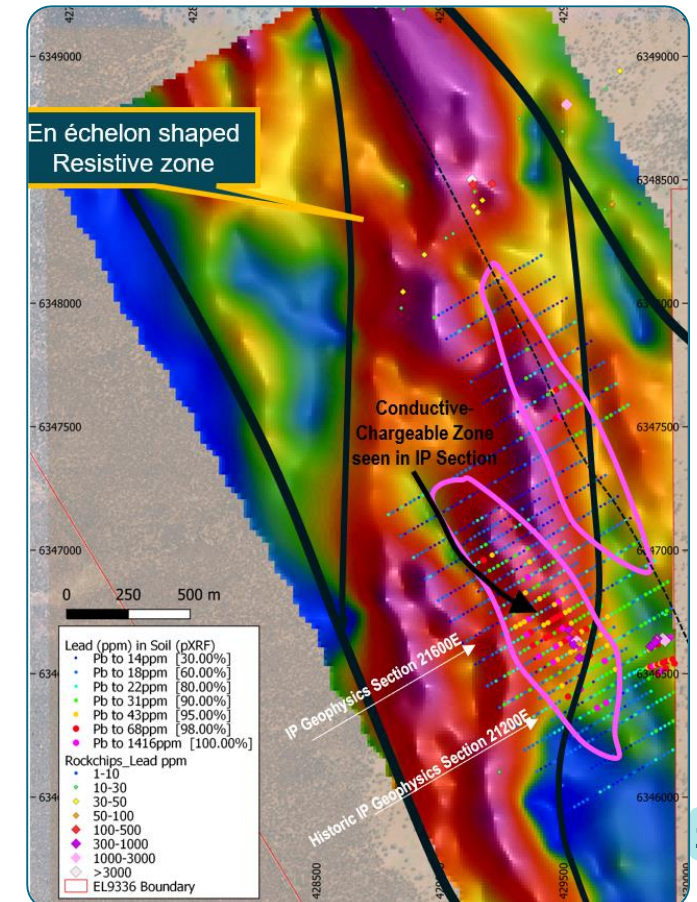


Induced polarisation anomalies coincident with lead in soils

IP Chargeability



IP Resistivity



¹ Refer ASX AGC Planet IP Release 20 June 2023

Moorefield Project

Boxdale to Carlisle Reef Target, Significant Gold Potential

South Cobar Project

Moorefield Project

Gundagai Project

AGC AUSTRALIAN GOLD AND COPPER

Gold Target



Major ~15km long gold trend, over 100 historic workings¹



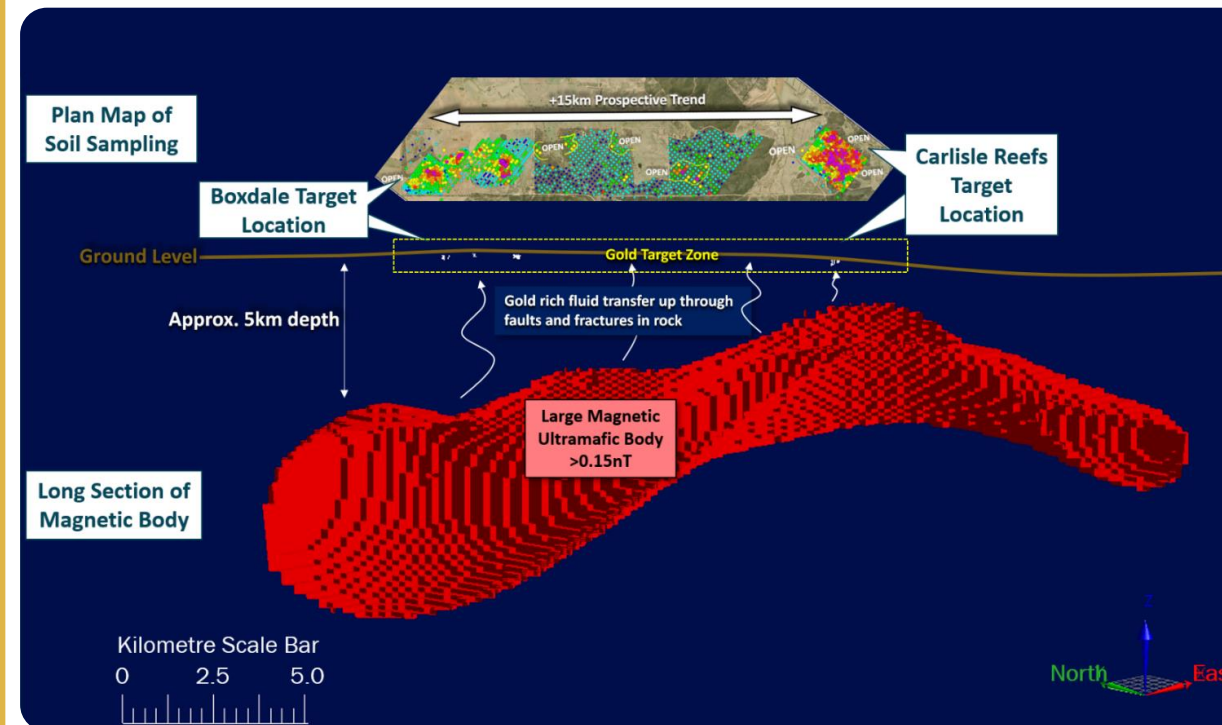
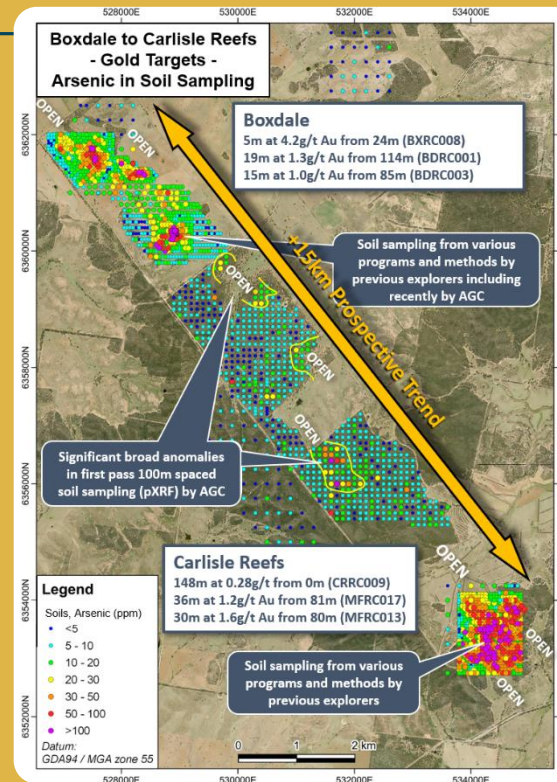
Strong gold-arsenic correlation for soil sampling



Exploring for large “Orogenic-structurally hosted” deposits



5,000m drilled with significant near surface gold reported^{2,3,4}



¹Refer ASX AGC IPO Prospectus 18th November 2020 p91-95 ²Refer ASX AGC 2 March 2022 ³Refer ASX AGC 27 April 2022 ⁴Refer ASX AGC 26 May 2022

Extensive Gold System

South Cobar Project

Moorefield Project

Gundagai Project

Grandview Gold Trend

Exploring for McPhillamys 2.2Moz style gold deposits¹ pathfinders Au ± As-Bi-Te-Cu-Mo-Ba

AGC's maiden drilling confirms extensive gold system²

Strong shallow gold results open in all direction²

Extensive historic mines, outcropping rocks, large high tenor soil anomaly

Rock chips 35g/t, 33g/t, 26g/t, 17g/t¹

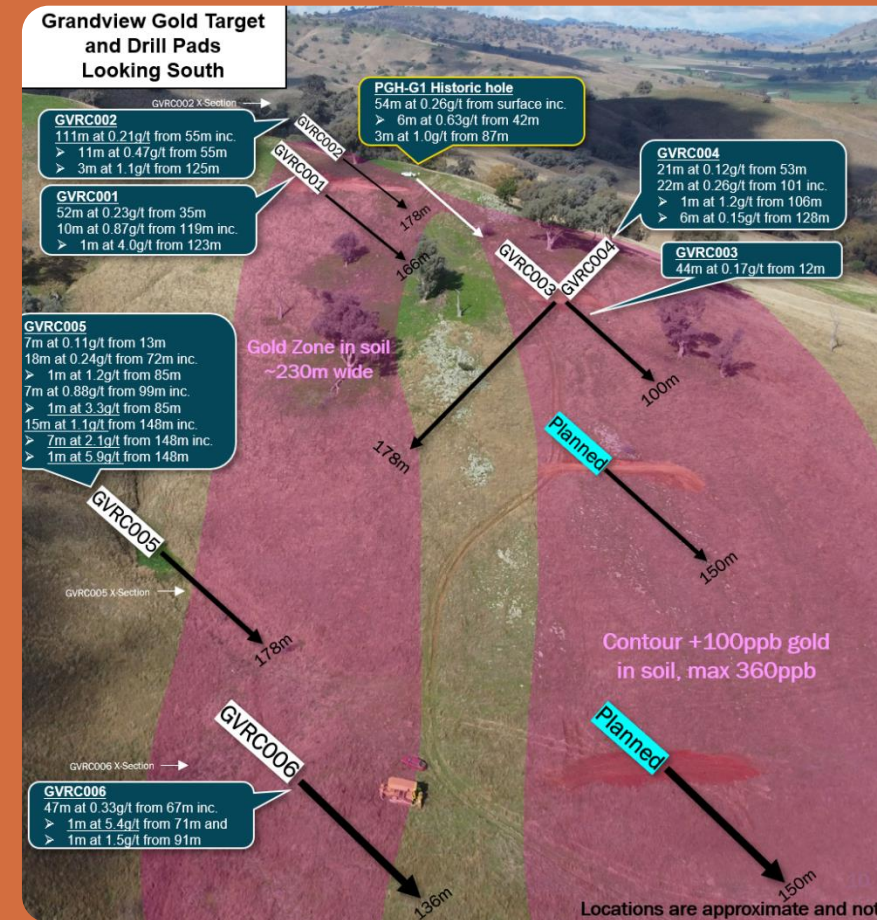
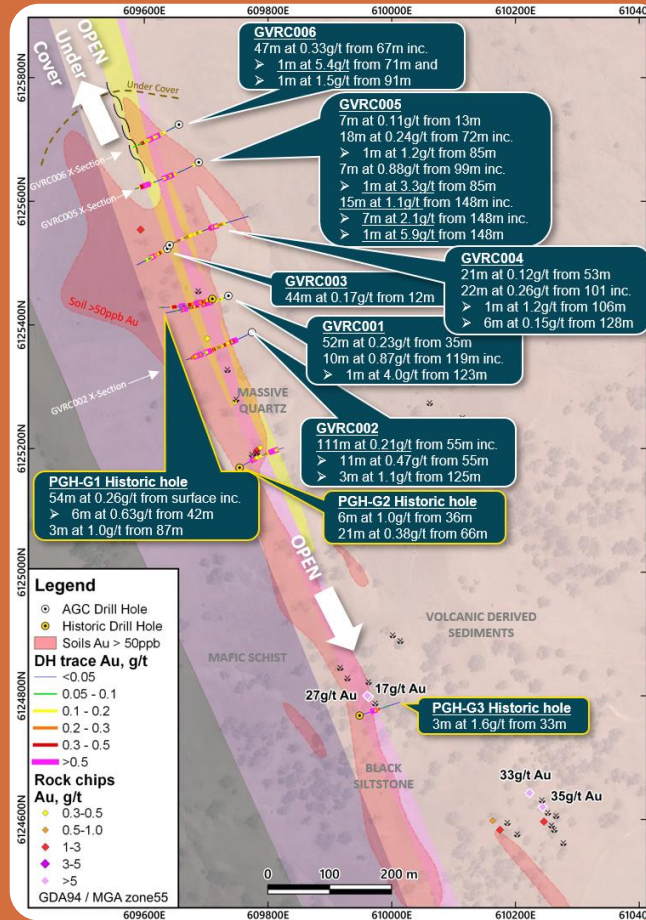
Recent Drilling Results²

7m at 2.1g/t Au from 148m inc. 1m at 5.9g/t Au from 148m

111m at 0.21g/t from 55m and 1m at 2.0g/t Au from 127m

Open in all Directions

Historic Rockchips: 5.8m at 2g/t Au, 2.7m at 6.44g/t Au, 1.9m at 1.67g/t Au, 30m at 0.2g/t Au (in adit)¹



¹Refer ASX AGC IPO Prospectus 18th November 2020

²Refer ASX AGC Release 10 October 2022

Bongongalong Gold Target

South Cobar Project

Moorefield Project

Gundagai Project

AGC AUSTRALIAN GOLD AND COPPER

Bongongalong Gold Trend



Strong base-metal and gold anomalism defined over a five-kilometre trend¹



Gossanous outcrops (weathered sulphides) identified over 1.5 kilometres in length¹



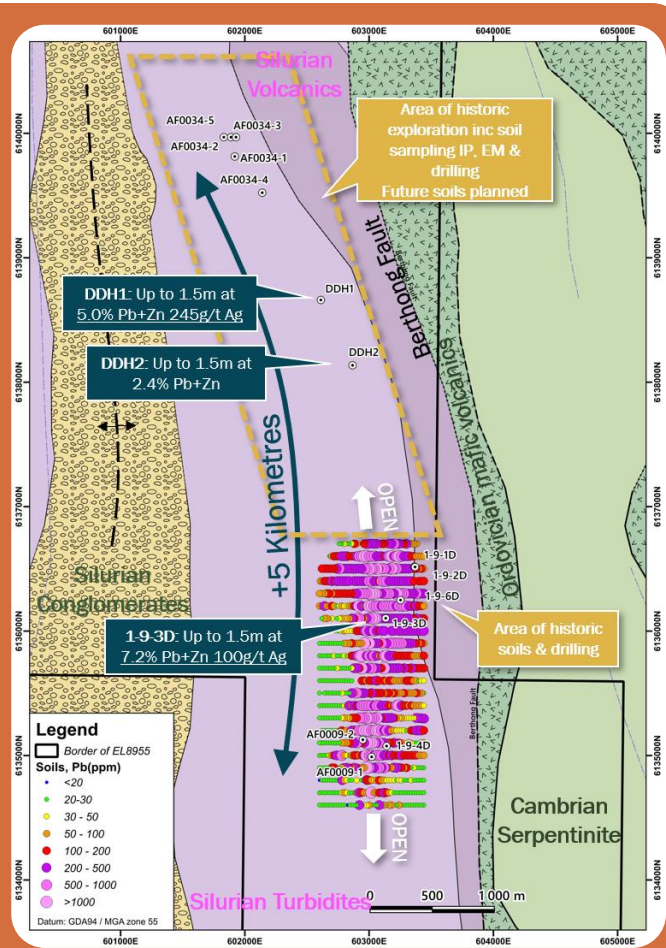
Rock chip samples returned **gold up to 2.9g/t** (AGC013638) and **silver to 245g/t** (AGC013632), with 10 of the samples returning gold over 0.5g/t¹



Extremely high-tenor lead-in-soil anomaly (Pb>500ppm) over 2.1 kilometres in length and 600 metres in width, which remains open in every direction



Historic drill holes² recorded broad lead, zinc and silver intersections with narrower higher-grade intervals incl. 1.5m at 7.2% Pb+Zn and 100g/t Ag (1-9-3D) and 1.5m at 5.0% Pb+Zn and 245 g/t Ag (DDH1)



¹ Refer ASX AGC Release 30 May 2023

² Refer ASX AGC IPO Prospectus 18th November 2020

Conclusions



Jurisdiction

World class gold
copper terrain



Team

Strategic alliance and
track record of success



Portfolio Of Advanced Exploration Projects

Capable of hosting
multi-million oz discoveries



Well Funded For Discovery

Strong drilling
focus