

13 NOVEMBER 2020

## Magmatic Resources Ltd – Investor Presentation

- **Magmatic Resources Ltd (MAG) to present at Noosa Mining Conference**
- **Friday 13 November 2020 at 1.30pm (AEST)**

Magmatic Resources Limited ('MAG' or 'The Company') advises that Managing Director, Mr Peter Duerden, will be presenting at the Noosa Mining Conference on Friday 13 November 2020 at 1:30pm (AEST).

The Company invites investors to view a live streamed video presentation by registering at:  
<https://www.noosaminingconference.com.au/register>

Further information is available at:  
<https://www.noosaminingconference.com.au/>

**Authorised for release by: Peter Duerden, Managing Director**

*Please direct all shareholder and investor enquiries to:*

**Peter Duerden**

**Managing Director**

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**Email: [info@magmaticresources.com](mailto:info@magmaticresources.com)**

**NOOSA MINING**

# **DRILLING FOR A TIER 1 GOLD-COPPER DISCOVERY**

13 November 2020



# Investment Highlights



## EAST LACHLAN – WORLD CLASS GOLD-COPPER PROVINCE

Diverse porphyry and related mineralisation styles

- ✓ >80Moz Gold (Au) and >13Mt Copper (Cu) regional endowment \*
- ✓ **Cadia Valley District** – Au-Cu Porphyry Cluster / Cadia East Mine (Newcrest)
- ✓ **Northparkes District** – Cu-Au Porphyry Cluster / E48 / E26 Mines (CMOC/Sumitomo)
- ✓ **Cowal Gold Mine / Corridor** – Epithermal Au + Porphyry Cluster (Evolution)
- ✓ **Tomingley Gold Mine** – Orogenic Au (Alkane)



## AUSTRALIAN GOLD AND COPPER (AGC) IPO

MAG major shareholder in high value drill ready central Lachlan target portfolio

- ✓ High value - ranked - drill ready exploration targets, McPhillamys-style gold, Cobar-style gold-polymetallic, Fosterville-style orogenic gold
- ✓ Demerger of Moorefield with high-quality drill ready gold acquisitions
- ✓ MAG holders receiving 80% in specie distribution and priority entitlement



## ADVANCED TARGET PORTFOLIO

Acquired from Gold Fields in 2014, over 60 targets, many drill ready with Gold Fields retaining a 11% interest in MAG

- ✓ Four advanced projects covering 1,049km<sup>2</sup>
- ✓ Wellington North, Myall and Parkes Projects have Cadia, Northparkes and Cowal exploration signatures
- ✓ Existing porphyry Au-Cu exploration intercepts of consistent grade to Cadia East



## ADVANCING MULTIPLE HIGH VALUE GOLD PORPHYRY TARGETS IN NORTHERN MOLONG BELT

Extensions of Boda Porphyry Belt identified on MAG tenure

- ✓ Priority drill ready targets at Lady Ilse, Boda South, Ninety



## DOMINANT POSITION IN NORTHERN MOLONG BELT PORPHYRY DISCOVERY HOTSPOT

Boda and Cadia lookalikes on MAGs Wellington North tenure

- ✓ Boda discovery (ALK) indicates the surface expression of Northern Molong Belt porphyries ± epithermal - gold-rich porphyry signature
- ✓ Same exploration signature as multiple MAG targets, re-ranked target portfolio



## EXPLORATION ACTIVITY – NEWS FLOW

High impact drilling at Lady Ilse District and other northern Molong Belt targets

- ✓ Drill testing of priority porphyry targets at Lady Ilse, Boda South, Ninety
- ✓ Drill testing of Boda South target, 4km along strike from Boda Discovery
- ✓ Ongoing target definition in northern Molong Belt (Wellington North Project)
- ✓ Drill testing Northparkes porphyry lookalike down dip from existing mineralisation at Kingswood (Myall Project)



# Corporate Snapshot



## CAPITAL STRUCTURE

Shares on issue	173,115,298
Share price 10 November 2020	\$0.22
Market Capitalisation	\$38m
Cash*	\$3.2m
Options on Issue – unlisted Exercise price \$0.10 to \$0.605 expiry Oct 2022 to Jan 2023	47,500,000
Options on Issue – listed MAGOA Exercise price \$0.10, expiry 30 August 2021	26,535,708

## BOARD OF DIRECTORS AND SENIOR MANAGEMENT

Executive Chairman	David Richardson
Managing Director	Peter Duerden
Non-Executive Director	David Berrie
Non-Executive Director	David Flanagan
Company Secretary	Andrea Betti
Exploration Manager	Steven Oxenburgh

\* Cash at Bank at 30 Sept 2020



## MAGMATIC SHAREHOLDING BLOCKS\*

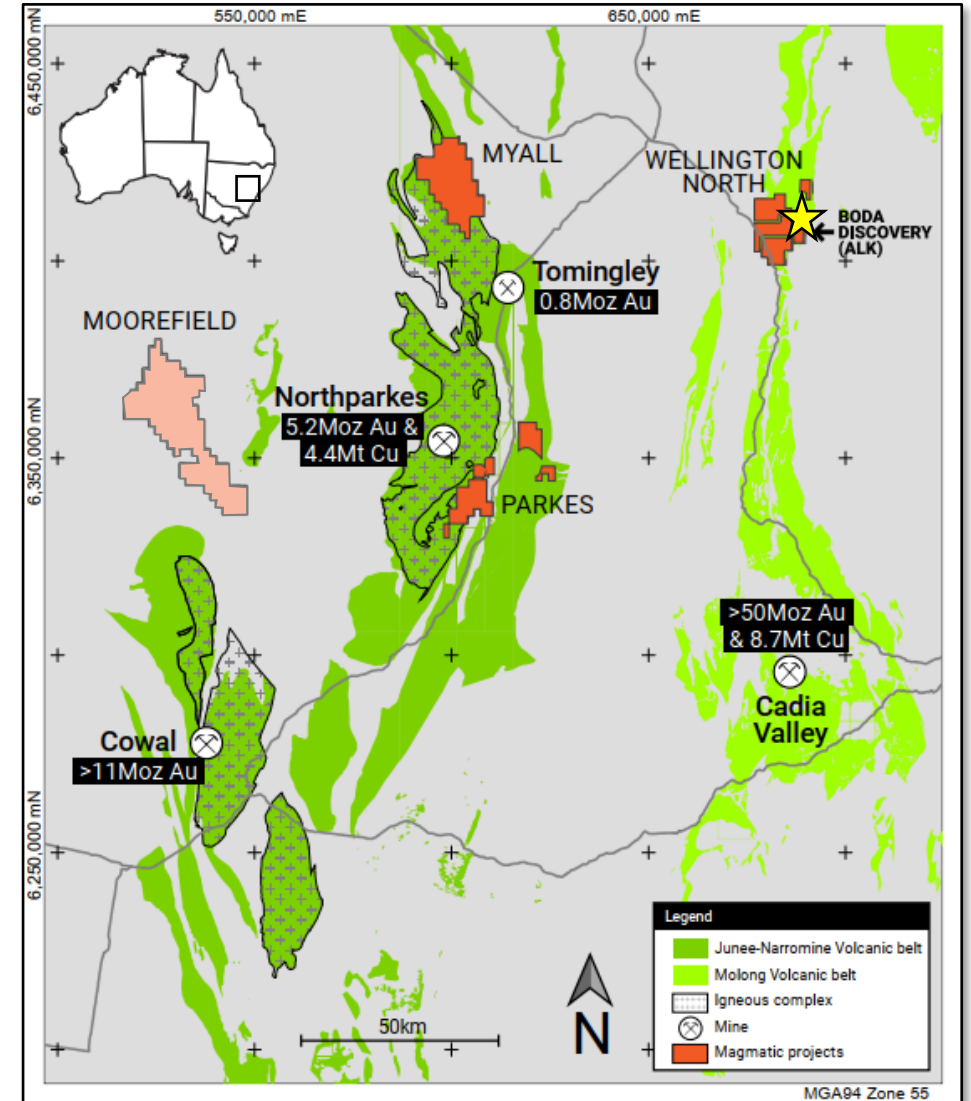


# East Lachlan - A World Class Gold-Copper Province

Home to Australia's largest gold mine



- **World class gold-copper porphyry terrain, range of mineralisation styles**
- **>80Moz Gold (Au) and >13Mt Copper (Cu) regional endowment**
- **Major gold, gold-copper mining operations:**
  - **Cadia East Gold-Copper Mine (Newcrest):**
    - World's largest alkalic gold porphyry complex
    - Australia's top producing gold mine and largest underground mine (Newcrest 2019)
  - **Northparkes Copper-Gold Mine (China Moly/Sumitomo)**
  - **Cowal Gold Mine (Evolution)**
  - **Tomingley Gold Mine (Alkane)**
- **Molong Belt - gold-rich porphyries - high value targets**



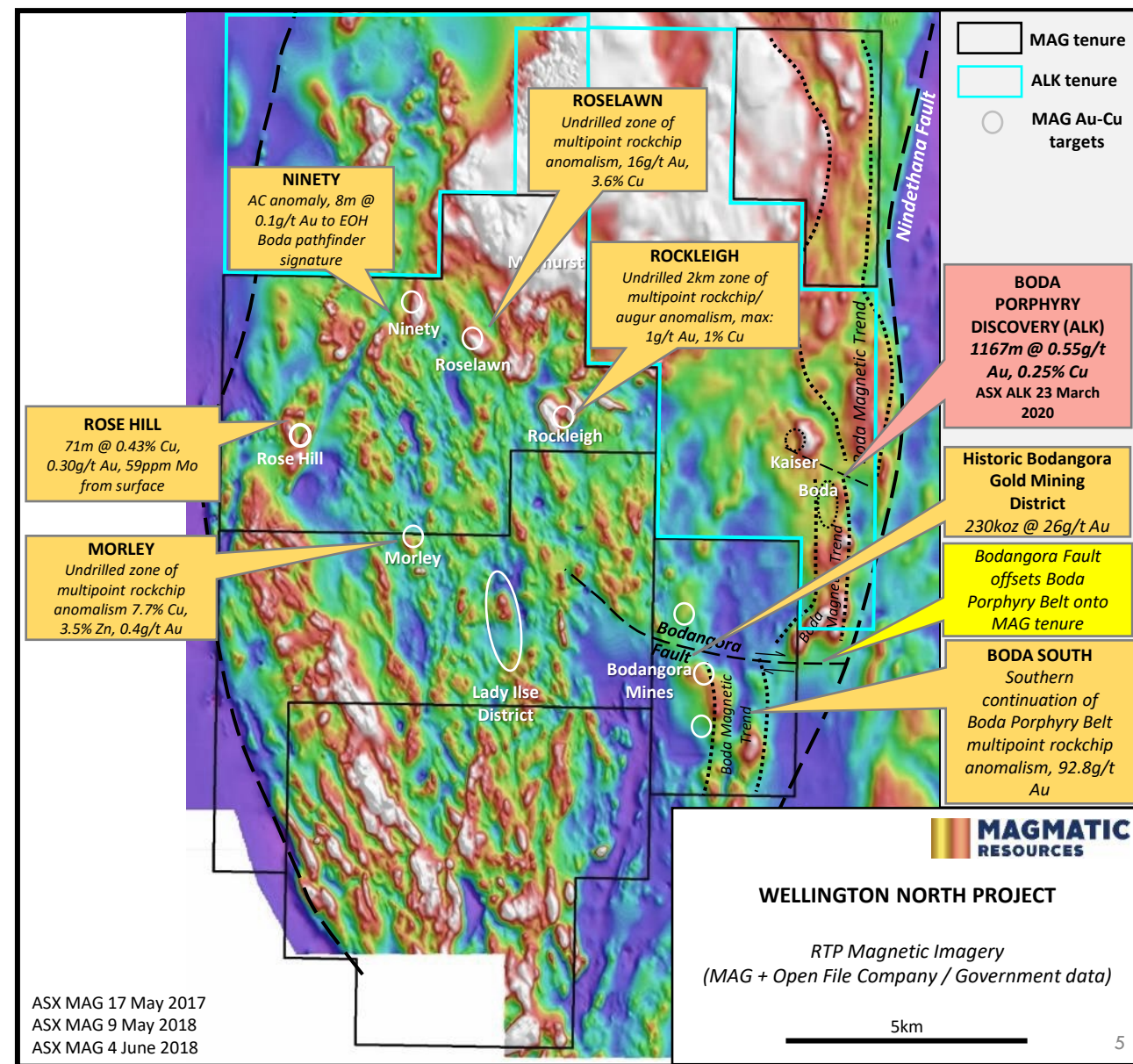
\* Total metal endowment from Phillips 2017, CMOC 2018, Evolution 2019, Newcrest 2019

# Wellington North Project

Advanced target portfolio surrounding major East Lachlan porphyry discovery



- Dominant position in northern Molong Belt porphyry discovery hotspot
- Boda discovery (ALK) indicates surface expression of Northern Molong Belt porphyries - gold-rich porphyry ± epithermal signature (ASX ALK 15 August 2017)
- Multiple advanced gold-copper porphyry targets:
  - ✓ **Lady Ilse** - Au-Cu porphyry, under shallow (5-15m) cover
  - ✓ **Boda South** - Au-Cu porphyry, along strike extensions of Boda Porphyry Belt, 230koz @ 26g/t Au, multipoint rockchip anomalism, inc. 92.8g/t Au (ASX MAG 17 May 2017, 9 May 2018)
  - ✓ **Rose Hill** - Au-Cu porphyry, inc. 71m @ 0.43% Cu, 0.30g/t Au, 59ppm Mo from surface (ASX MAG 17 May 2017)
  - ✓ **Morley** - Undrilled zone of multipoint rockchip anomalism 7.7% Cu, 3.5% Zn, 0.4g/t Au (ASX MAG 4 June 2018)
  - ✓ **Mayhurst East, Ninety and multiple other ranked gold – copper porphyry targets**





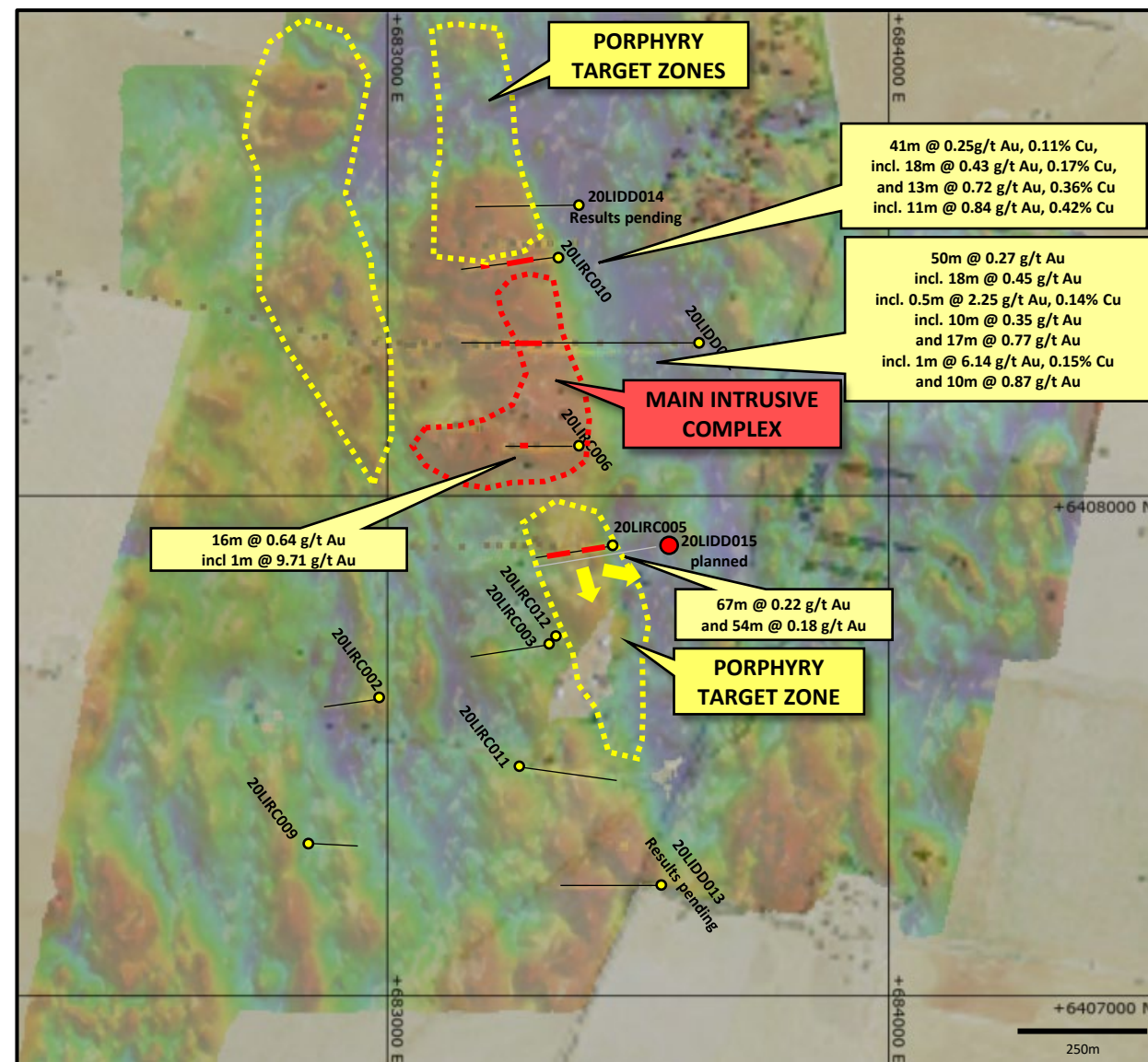
# Wellington North Project

Lady Ilse District – broad zones of porphyry pathfinder anomalism



- Identifying Boda-style Porphyry - Epithermal alteration - Exploration signature (ref. ASX ALK 15 August 2017)
- Pyrite rich alteration zone - assess fertility of pyrite zone (RC drilling + porphyry pathfinder anomalism)

<b>20LIDD001</b>	<b>50m @ 0.27g/t Au, 0.04% Cu from 691m</b>
incl.	18m @ 0.45g/t Au, 0.08% Cu from 691m
and	<b>10m @ 0.87g/t Au, 0.06% Cu from 593m</b>
and	<b>17m @ 0.77g/t Au, 0.04% Cu from 803m</b>
incl.	1m @ 6.14g/t Au, 0.15% Cu from 819m
and	4m @ 1.11g/t Au from 948m
<b>20LIRC010</b>	<b>13m @ 0.72g/t Au, 0.36% Cu from 184m</b>
and	<b>41m @ 0.25g/t Au, 0.11% Cu from 103m</b>
<b>20LIRC005</b>	<b>67m @ 0.22g/t Au from 170m</b>
and	<b>54m @ 0.18g/t Au from 23m</b>
and	<b>23m @ 0.27g/t Au from 249m</b>
<b>20LIRC006</b>	<b>16m @ 0.64g/t Au from 166m</b>
incl.	<b>1m @ 9.71g/t Au from 171m</b>

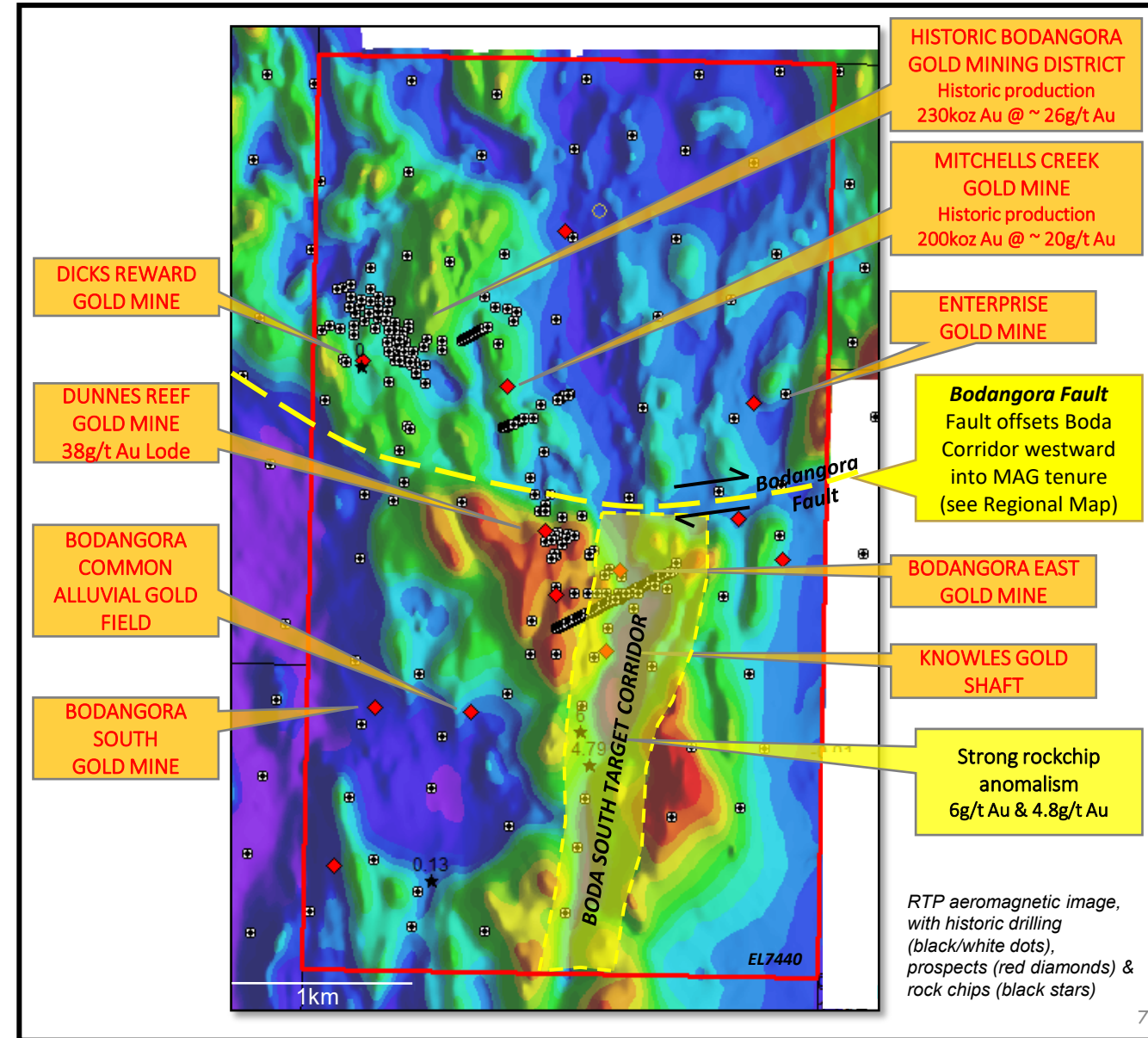
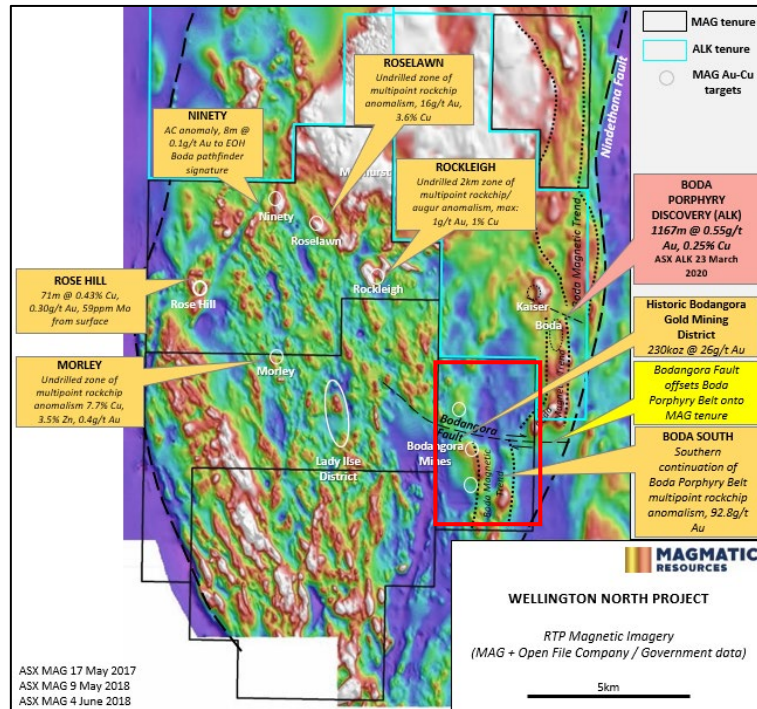


# Wellington North Project

Boda South Target – faulted extension/continuation of Boda Magnetic Trend



- ~3km strike extension of prospective Boda Corridor (Boda South)
- Bodangora Fault displaces Boda Corridor westward onto MAGs tenure
- Numerous historic gold mines/workings + strongly anomalous rockchips (6g/t, 4.8g/t Au) coincident with target area (ASX MAG 4 June 2017)
- Multipoint rockchip anomalism, inc. 92.8g/t Au at Bodangora (ASX MAG 9 May 2018)
- Shallow drilling planned across anomalous Boda-position target zone





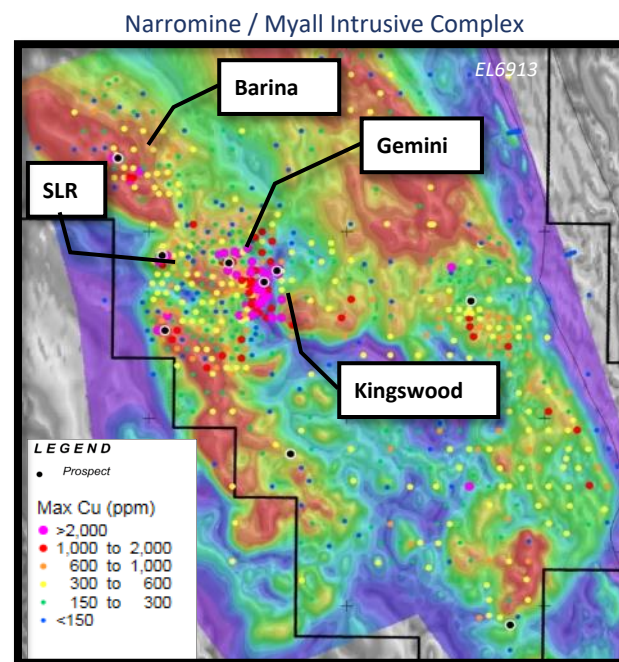
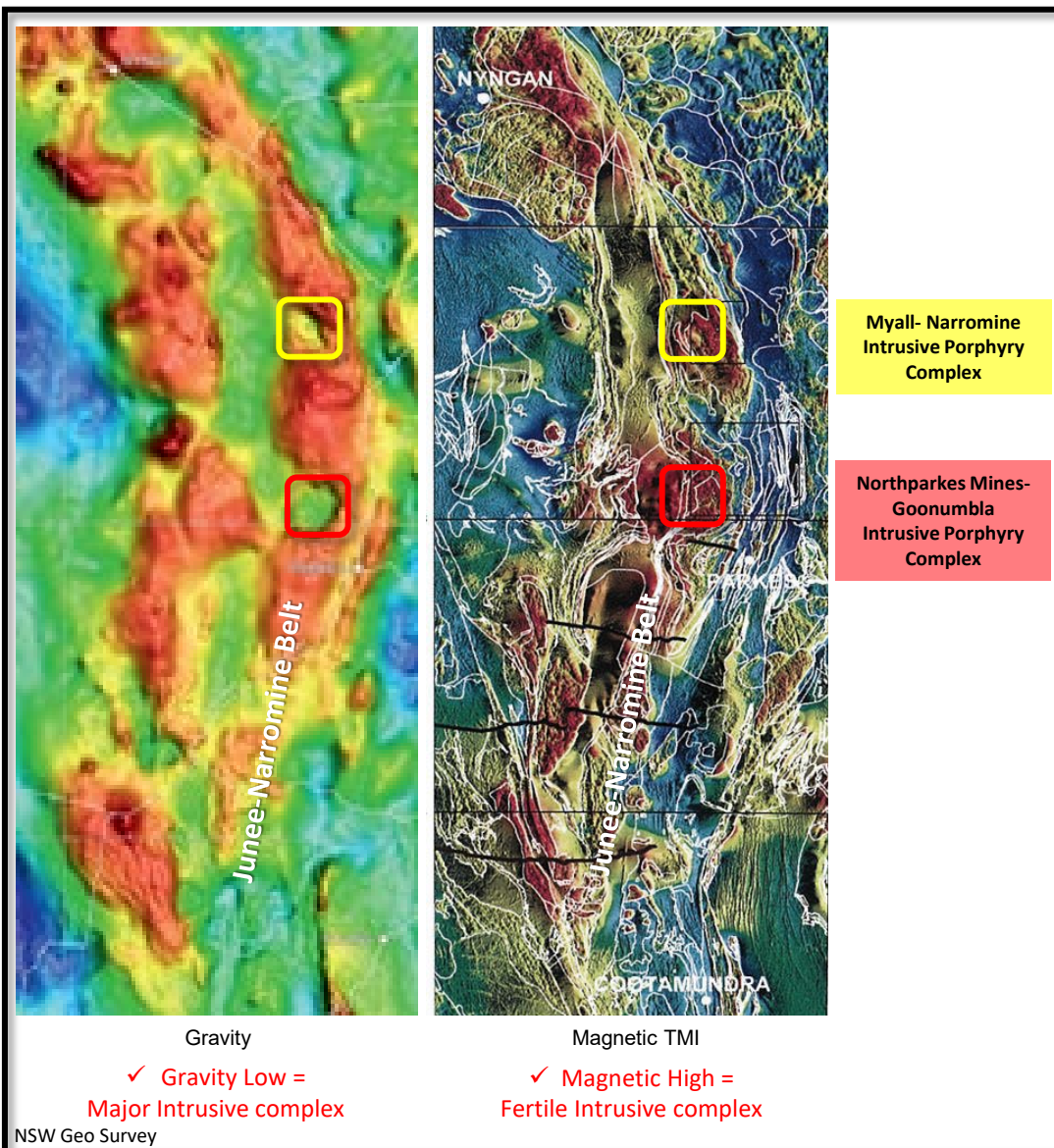
# Myall Project

Northparkes Cu-Au Porphyry District lookalike

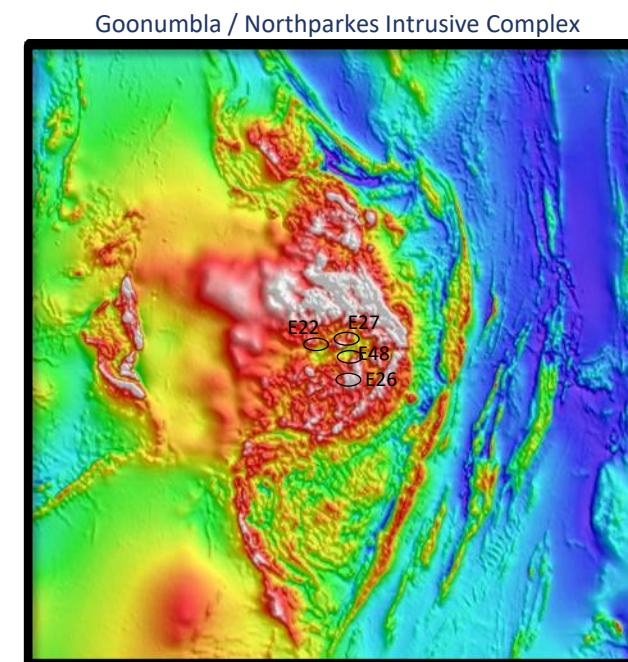


## NORTH PARKES COPPER-GOLD PORPHYRY DISTRICT LOOKALIKE

- Northern Junee - Narromine Belt, Macquarie Arc
- Narromine Intrusive complex, similar age, composition and dimensions to Northparkes and Cadia Valley Intrusive Complexes, host to Northparkes and Cadia Porphyry Mining Districts
- Myall District has Northparkes gravity - magnetic signature – significant Cu-Au mineralisation
  - 70m @ 0.54% Cu, 0.15g/t Au from 141m and 62m @ 0.27% Cu, 0.13g/t Au from 260m (MYACD001, ASX MAG 4 June 2017)



Bouguer Gravity RTP Mag



Bouguer Gravity RTP Mag

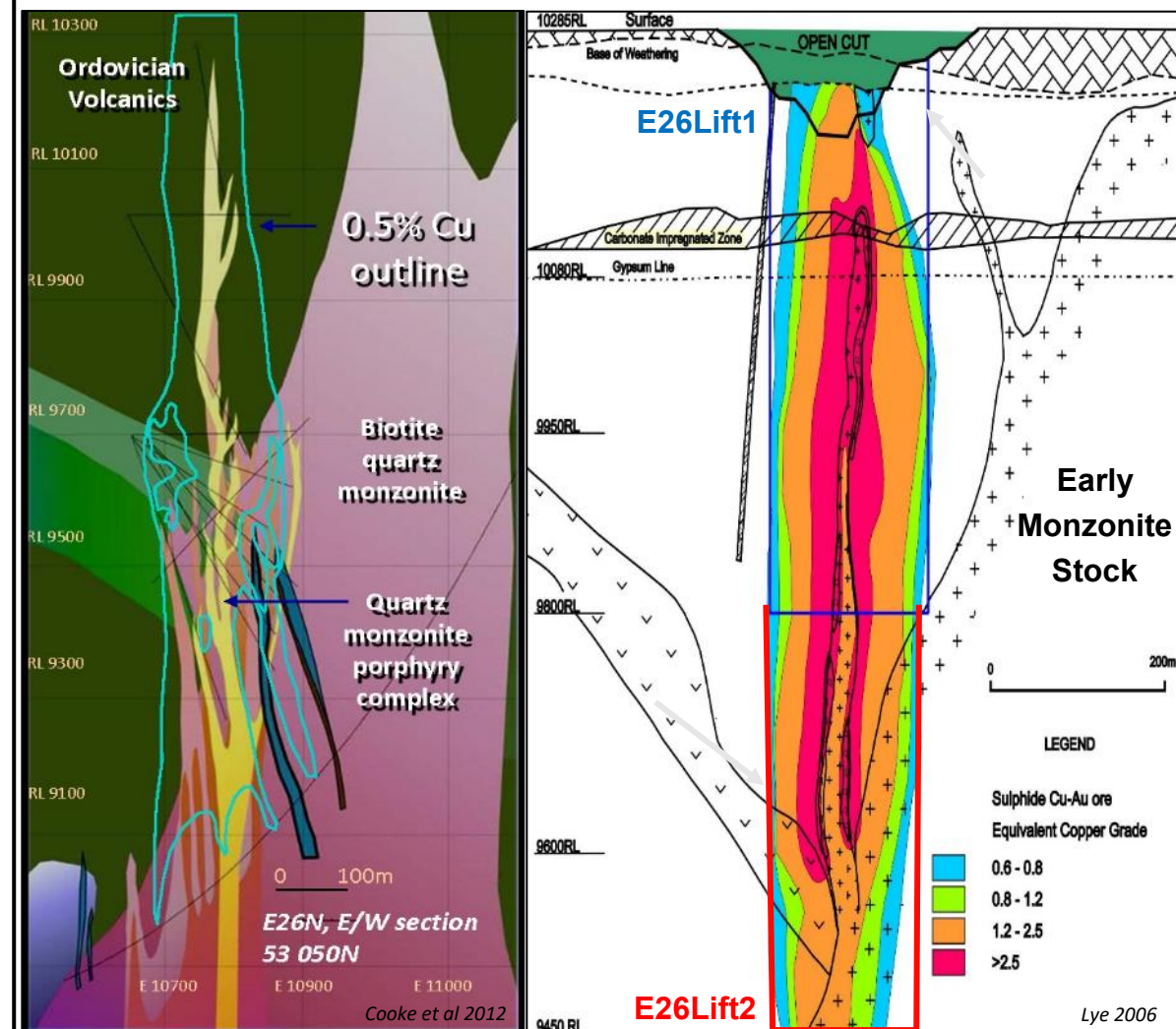


# Myall Project

Imminent high impact drilling into Northparkes E26 Porphyry lookalike target



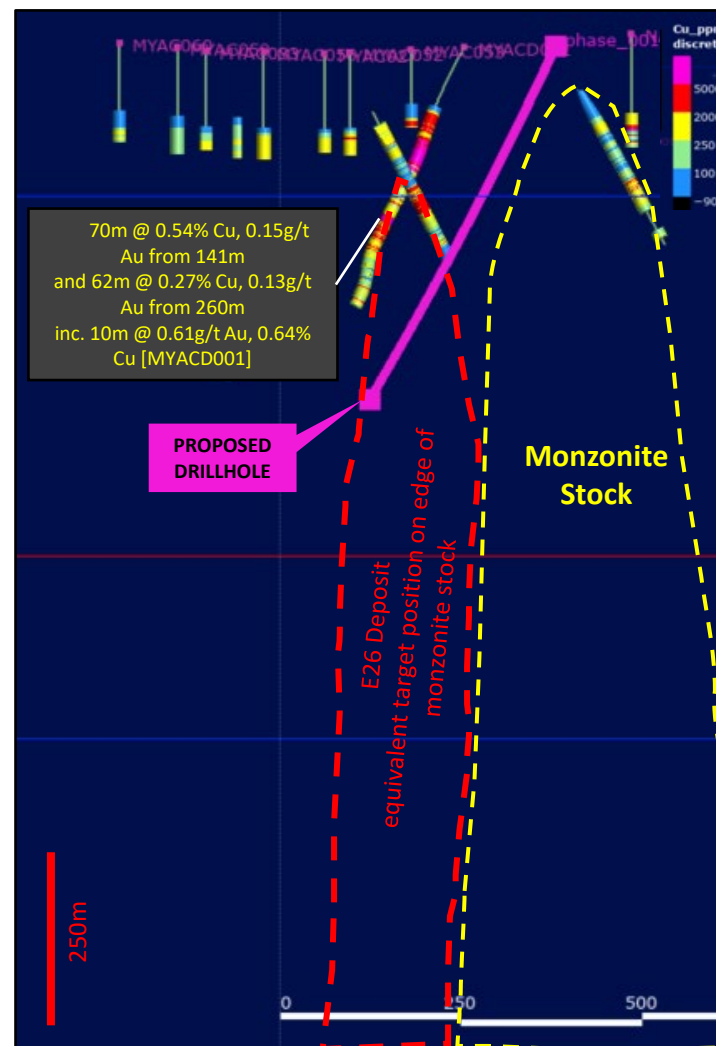
## NORTH PARKES / E26 PORPHYRY DEPOSIT



Deposit at edge of Monzonite stock

Deposit at edge of Monzonite stock

## KINGSWOOD PORPHYRY TARGET (MAG)



Target at edge of Monzonite stock

## RECOGNISING THE TOP OF A NORTH PARKES PORPHYRY TARGET

- Kingswood = E26 lookalike target
- Porphyry mineralisation at margin of early monzonite stock
- 70m @ 0.54% Cu, 0.15g/t Au from 141m
- and 62m @ 0.27% Cu, 0.13g/t Au from 260m
  - inc. 10m @ 0.61g/t Au, 0.64% Cu [MYACD001]
  - (ASX MAG 4 June 2017)





# Demerger and central Lachlan acquisitions IPO

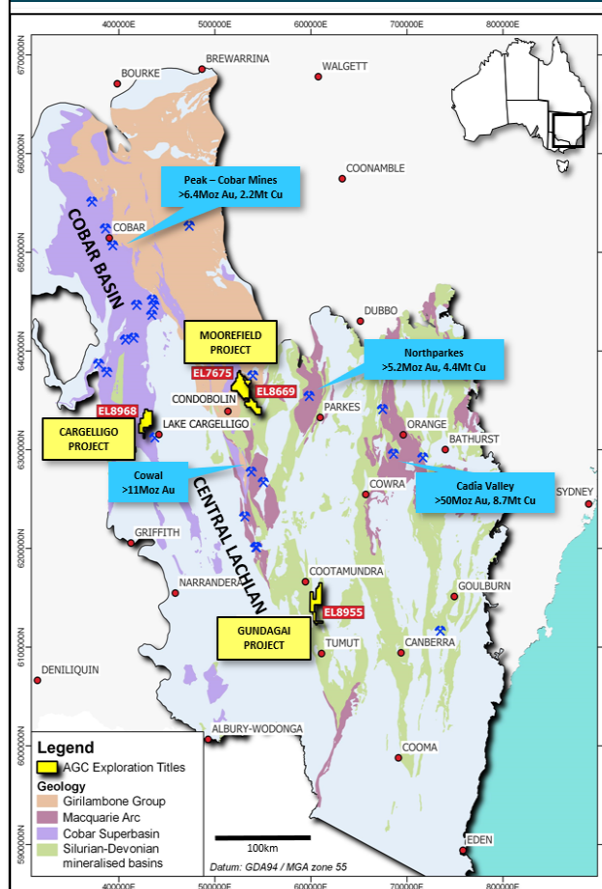
High Value – Drill Ready Gold Portfolio



- Australian Gold and Copper IPO
- Demerging MAG Moorefield Project
- Gundagai / Cargelligo Acquisitions NSR
- MAG 60% / NSR 40% pre-IPO
- In specie share distribution of 80% of MAGs AGC shareholding to MAG shareholders
- ASX MAG 4 November 2020

## Establishing a central Lachlan focused gold explorer

AGC<sup>▲</sup>



### THREE DISCOVERY READY GOLD PROJECTS

Covering ~1,000km<sup>2</sup> of the Central Lachlan

Moorefield Project: 477km<sup>2</sup> Orogenic Au, VMS polymetallic

Gundagai Project: 265 km<sup>2</sup> Orogenic/McPhillamys-style Au

Cargelligo Project: 227km<sup>2</sup> Cobar-style Au-polymetallic

#### MOOREFIELD PROJECT

Fosterville-style Orogenic Au and Cobar style polymetallic targets

- Geological link to Bendigo Zone of central Victorian Goldfields (e.g. Fosterville, Bendigo Deposits) (Cayley 2017)
- 15km long orogenic gold trend
- Drill ready - multiple targets

#### CARGELLIGO PROJECT

Cobar Hera Mine style Au and polymetallic targets

- 15km trend, coincident geophysics, historic drilling and soil geochem
- Drill ready - multiple targets

#### GUNDAGAI PROJECT

Orogenic gold targets/McPhillamys style Au

- Strong surface geochem 1.5km, historic mining district
- McPhillamys signature recognised
- Drill ready

# MAG Investment Proposition

High impact drilling focused in Boda District



- Lady Ilse followup
- Drilling (Boda South) - across Boda equivalent target position, 4km south along strike from Boda Discovery
- Drilling (Wellington North)
- Drilling (Kingswood)
- AGC IPO / 80% In Specie distribution to MAG shareholders



		EXPLORATION FIELD ACTIVITY								
	MAJOR WORK PROGRAMS	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
WELLINGTON NORTH	RC 3000m (LadyI)									
	Ground Mag (LadyI)									
	Drilling (LadyI)									
	Drilling (Wellington North)									
	Drilling (Boda South/Ninety)									
MYALL	Drilling (Kingswood)									
	Drilling (SLR)									

Estimates of times and figures are indicative only and are subject to change



# References



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Cayley, R., 2017, Mineral Systems Analysis in the Tasmanides – Looking North from the South through ‘Lachlan Orogen’ coloured glasses, AIG Bulletin 67

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Newcrest., 2010, Architectural controls on Palaeozoic porphyry Au-Cu mineralisation in the Cadia Valley, NSW, Mines and Wines Conference 2010

Newcrest., 2013, Geology and development of the Cadia East Au-Cu porphyry deposit, Australia, PDAC

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Newcrest., 2020, Newcrest’s Exploration Edge, AME Roundup, 20 January 2020

Newcrest., 2020, Cadia Operations NI 43-1010 Technical Report, 30 June 2020

Phillips, G N (Ed), 2017. Australian Ore Deposits (The Australasian Institute of Mining and Metallurgy: Melbourne) (Phillips 2017)<sup>1</sup>

Wilson, A.J., Cooke, D.R., Stein, H.J., Fanning, C.M., Holliday, J.R., and Tedder, I.J., 2007a, U-Pb and Re-Os geochronologic evidence for two alkalic porphyry ore-forming events in the Cadia district, New South Wales, Australia: Economic Geology, v. 102, p. 3–26.

## MAG ASX ANNOUNCEMENTS

ASX MAG 29 January 2020 Lady Ilse MIMDAS

ASX MAG 7 February 2020 Lady Ilse MIMDAS

ASX MAG 16 March 2020 Lady Ilse MIMDAS

ASX MAG 24 March 2020 Lady Ilse Drilling Commencement

ASX MAG 24 April 2020 First Diamond Drillhole completed at Lady Ilse

ASX MAG 11 May 2020 Aeromagnetic data highlights the potential of Boda North and Boda South

ASX MAG 12 May 2020 Operational Update

ASX MAG 1 June 2020 Boda North IP

ASX MAG 3 June 2020 Drilling Results

ASX MAG 18 June 2020 Drilling Commences

ASX MAG 22 June 2020 Operational Update

ASX MAG 17 July 2020 Drilling Commences at Boda North

ASX MAG 10 September 2020 Lady Ilse RC drilling results

ASX MAG 18 September 2020 Magmatic to demerge Moorefield Project and IPO with Central Lachlan Acquisitions

ASX MAG 19 October 2020 Drilling commences at Lady Ilse

ASX MAG 4 November 2020 Demerger of Moorefield Project and IPO Update

# Disclaimer and Important Information



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Assumptions have been made regarding, among other things: the Company's ability to carry on its future exploration, development and production activities, the timely receipt of required approvals, the price of gold, copper and base metals, the ability of the Company to operate in a safe, efficient and effective manner and the ability of the Company to obtain financing as and when required and on reasonable terms. Readers are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used.

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Exploration results detailed in this presentation have previously been reported to the ASX or in the independent geologist report contained in the Prospectus lodged on 18 May 2017. References to metal endowments are current to January 2017. Endowment = current resource plus production. Coordinate system on maps is MGA94 Zone 55 unless otherwise stated.

## **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 Peter Duerden who is a Registered Professional Geoscientist (RPGeo) and member of the Australian Institute of Geoscientists. Mr Duerden is a full-time employee of, and has associated shareholdings in, Magmatic Resources Limited, and 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 Duerden consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

Additionally, Mr Duerden confirms that the entity is not aware of any new information or data that materially affects the information contained in the ASX releases referred to in this report.

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