

Broker Briefing Webinar

DRILLING FOR A TIER 1 GOLD-COPPER DISCOVERY

East Lachlan – home to Australia's largest gold producer and recent major discoveries

21 April 2021



Mining, Resources and Energy Webinar



21 APRIL 2021
11:30 AM EST / 9:30 AM WST

Investment Highlights



EAST LACHLAN – WORLD CLASS GOLD-COPPER PROVINCE

Two of Australia's largest gold-copper mines

- ✓ >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 / Corridor** – Orogenic Au (Alkane)
- ✓ Recent major discoveries



DRILLING NORTH OF AUSTRALIA'S LARGEST GOLD PRODUCER – CADIA EAST

Drill testing multiple high priority Au-Cu targets at Wellington North Project

- ✓ Drilling at Rose Hill, inc. **71m @ 0.30g/t Au, 0.42% Cu, 57ppm Mo from surface**
 - Equivalent intercept grades to Cadia East mine resource[#]
- ✓ AC/RC drilling at Boda South, Rockleigh and Lady Ilse targets
- ✓ Wellington North Project essentially surrounds Alkane's ASX:ALK Boda Au-Cu discovery
 - Discovery defines exploration signature – upgrades MAGs target portfolio



DRILLING NORTH OF NORTHPARKES COPPER-GOLD MINING DISTRICT

Compelling Northparkes Cu-Au lookalike at Myall Project

- ✓ Drilling downdip from significant existing intercepts, akin to Northparkes Mine Resource grade⁺,
 - **70m @ 0.54% Cu, 0.15g/t Au from 141m and 62m @ 0.27% Cu, 0.13g/t Au from 260m (Kingswood)**
 - **381.9m @ 0.20% Cu from 150m to EOH (Kingswood)**
- ✓ Multiple targets point to typical porphyry cluster setting



OROGENIC GOLD TARGETS ALONG STRIKE FROM TOMINGLEY GOLD MINE AND RECENT DISCOVERIES

Two priority orogenic gold targets within Parkes Fault Zone

- ✓ Parkes Fault Zone – Gold Discovery Hotspot
- ✓ Stockmans and MacGregors near surface orogenic gold targets, 25km south from TGP, Roswell, San Antonio, El Paso discoveries ASX:ALK



AUSTRALIAN GOLD AND COPPER LIMITED ASX:AGC

MAG major shareholder in high value central Lachlan gold – base metal portfolio

- ✓ High value - ranked - drill ready exploration targets, Cobar-style gold-polymetallic, orogenic gold
- ✓ Demerger of MAGs Moorefield with high-quality drill ready acquisitions
- ✓ Listed on ASX 20 January 2021

* Total metal endowment (Phillips 2017) # Cadia East - 2900Mt @ 0.35g/t Au, 0.26% Cu, 64ppm Mo (Total Resource, Newcrest 2020)
+ Northparkes 605Mt @ 0.55% Cu and 0.19g/t Au (Total Resources, CMOC 2018)

Corporate Snapshot



CAPITAL STRUCTURE¹

Shares on issue	217,335,887
Share price 19 April 2021	\$0.16
Market Capitalisation	\$34.77m
Cash ¹	\$6.77m
Options on Issue – unlisted Exercise price \$0.0722 to \$0.5772 expiry Oct 2022 to Sept 2023	50,250,000
Options on Issue – listed MAGOA Exercise price \$0.0722, expiry 30 August 2021	23,981,789

BOARD OF DIRECTORS AND SENIOR MANAGEMENT

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



MAGMATIC SHAREHOLDING BLOCKS*



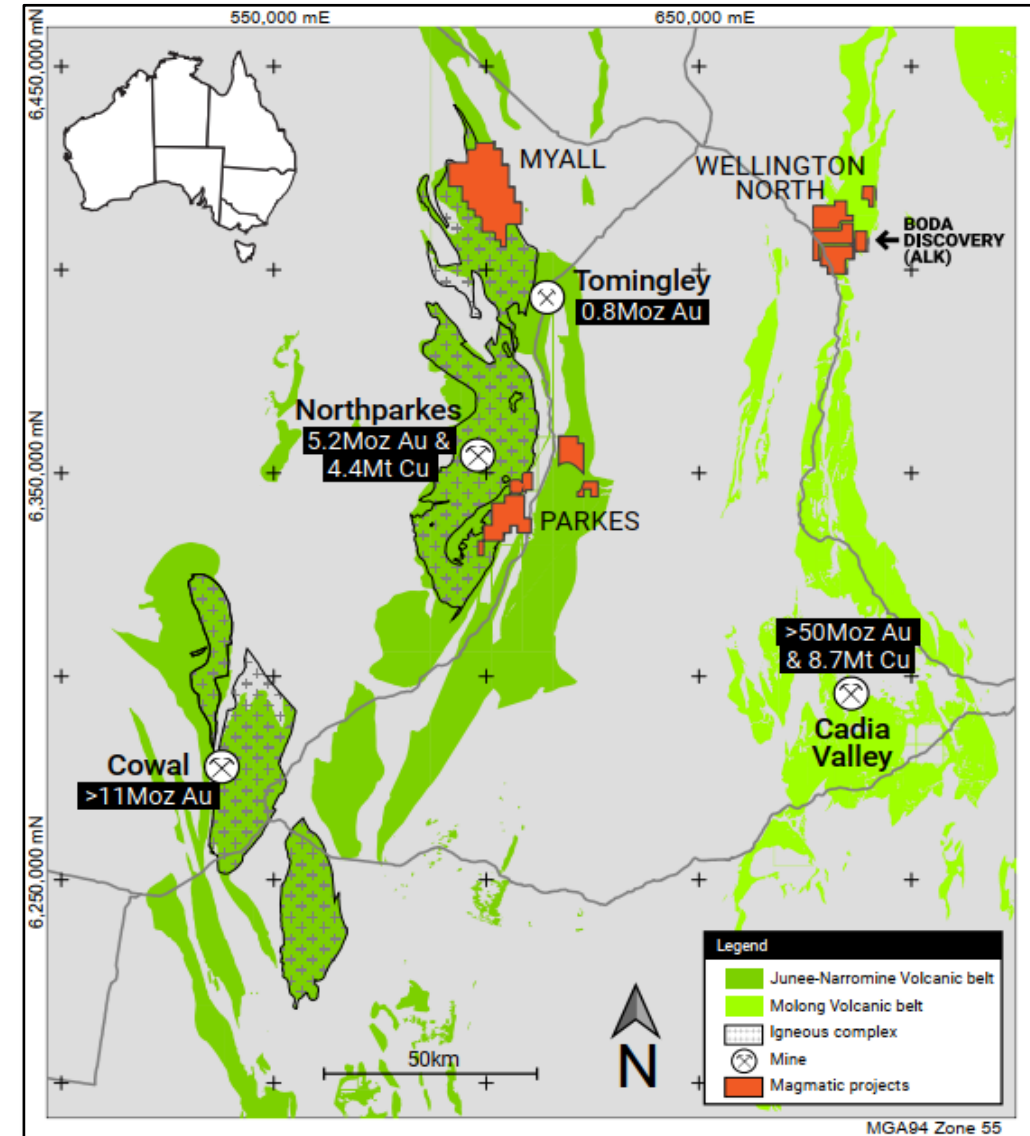
¹ Cash at Bank at 31 March 2021

East Lachlan - A World Class Gold-Copper Province

Home to Australia's largest gold producer



- **World class gold-copper terrain, range of mineralisation styles**
- **>80Moz Gold (Au) and >13Mt Copper (Cu) regional endowment**
- **Major gold-copper mines:**
 - **Cadia East Gold-Copper Mine** (Newcrest):
 - World's largest alkalic gold/copper porphyry complex
 - Australia's top gold producer (Newcrest 2020)
 - **Northparkes Copper-Gold Mine** (China Moly/Sumitomo)
 - **Cowal Gold Mine** (Evolution)
 - **Tomingley Gold Mine** (Alkane)
- **Major discoveries:**
 - **McPhillamys Advanced Gold Development** (2.3Moz, ASX:RRL)
 - **Tomingley Discoveries** – Roswell (662koz, ALK ASX 4 November 2020, San Antonio (406koz, ALK ASX 16 February 2021)



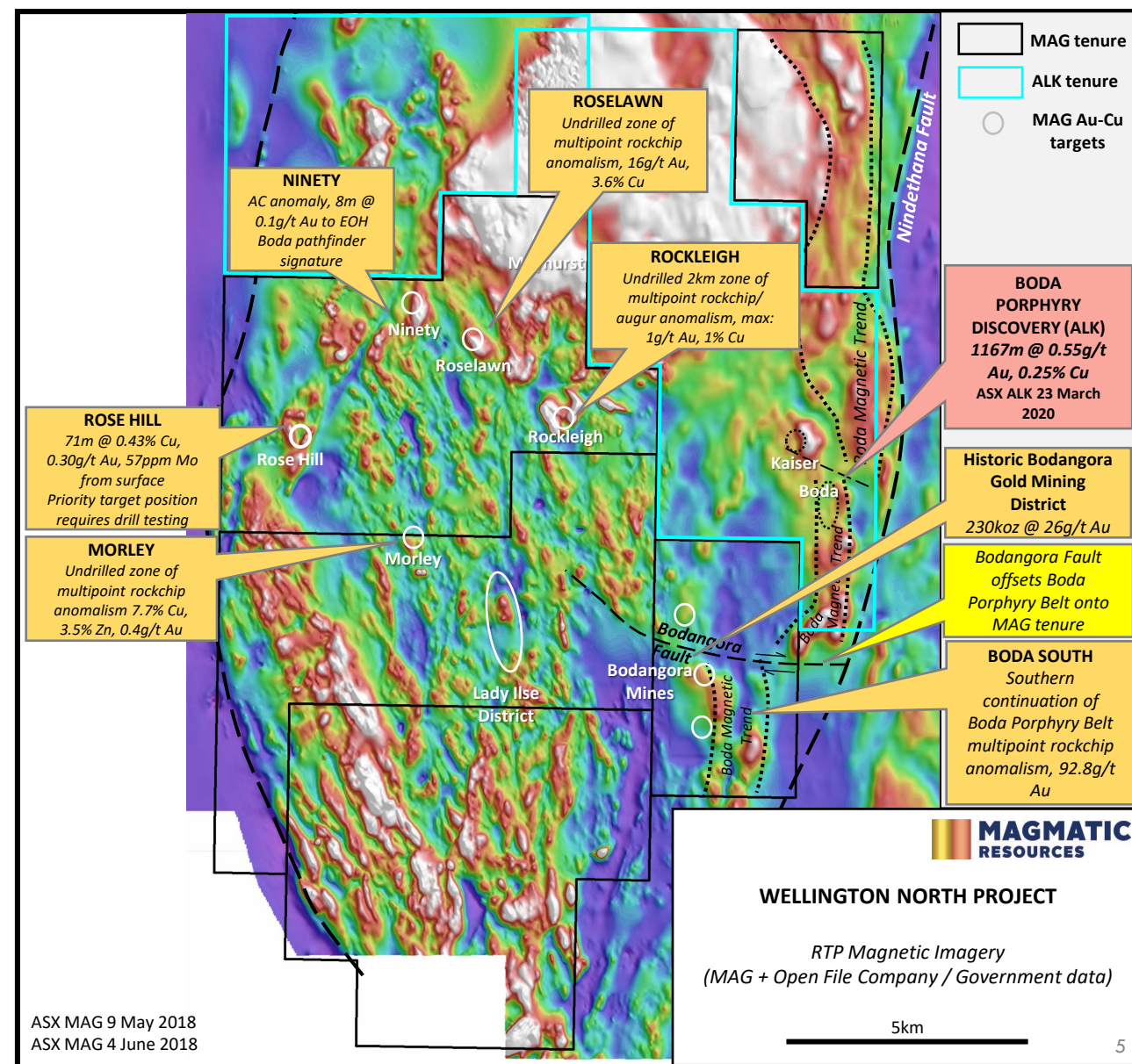
* Total metal endowment from Phillips 2017, CMOC 2018, Evolution 2019, Newcrest 2019

Wellington North Gold-Copper Project

Advanced target portfolio surrounding major East Lachlan porphyry discovery



- Along strike from Australia's largest gold producer – Cadia East ASX:NCM
- Dominant position surrounding Boda discovery (ASX:ALK) - Boda indicates surface expression - gold-rich porphyry ± epithermal signature (ASX ALK 15 August 2017)
- Multiple advanced gold-copper targets:
 - ✓ **Rose Hill** - Au-Cu porphyry, interpreted priority target position remains to be tested inc. 71m @ 0.43% Cu, 0.30g/t Au, 57ppm Mo from surface (ASX MAG 17 May 2017)
 - ✓ **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)
 - ✓ **Lady Ilse** – widespread Au-Cu porphyry anomalism, under shallow (5-15m) cover
 - ✓ **Rockleigh** - open multipoint gold anomalism defined in augur, rockchips
 - ✓ **Morley** - Undrilled zone of multipoint rockchip anomalism 7.7% Cu, 3.5% Zn, 0.4g/t Au (ASX MAG 4 June 2018)
 - ✓ **Ninety, Mayhurst East and multiple other ranked gold – copper porphyry targets**



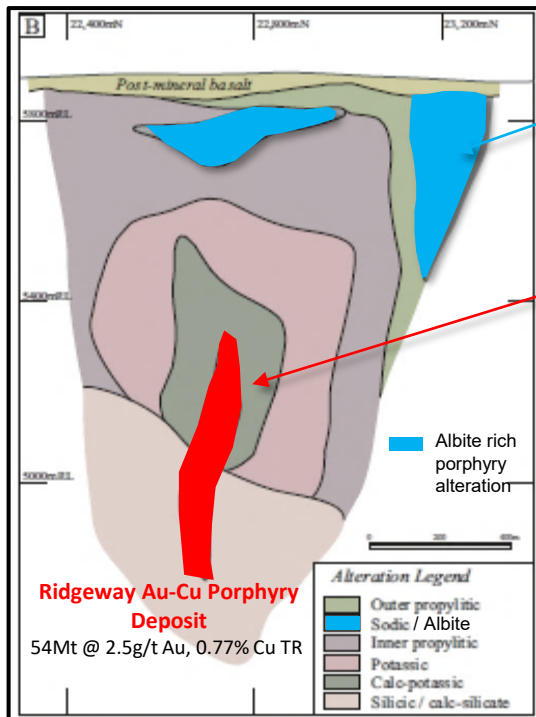
Wellington North Gold-Copper Project

Rose Hill Target - Au-Cu Porphyry



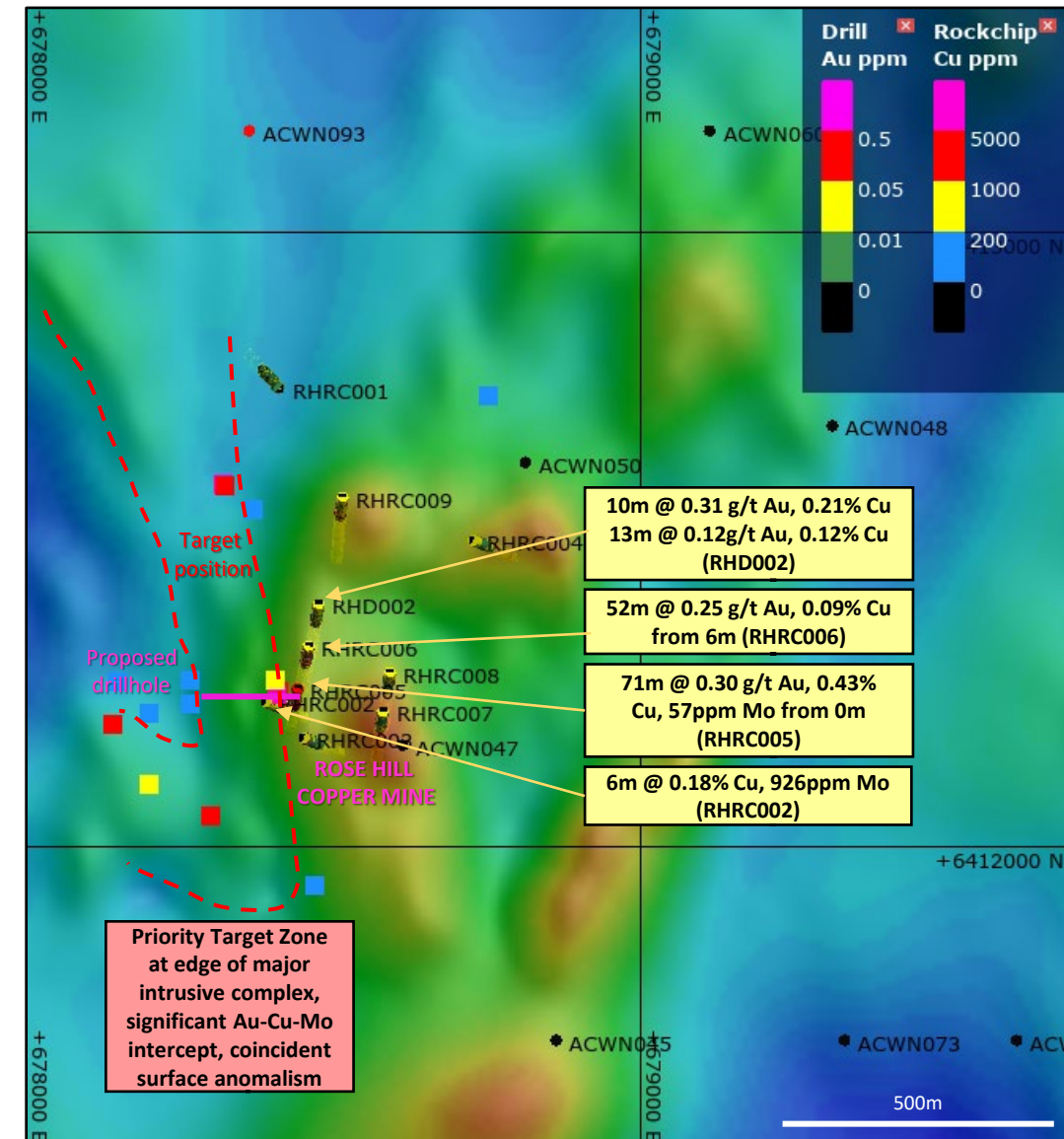
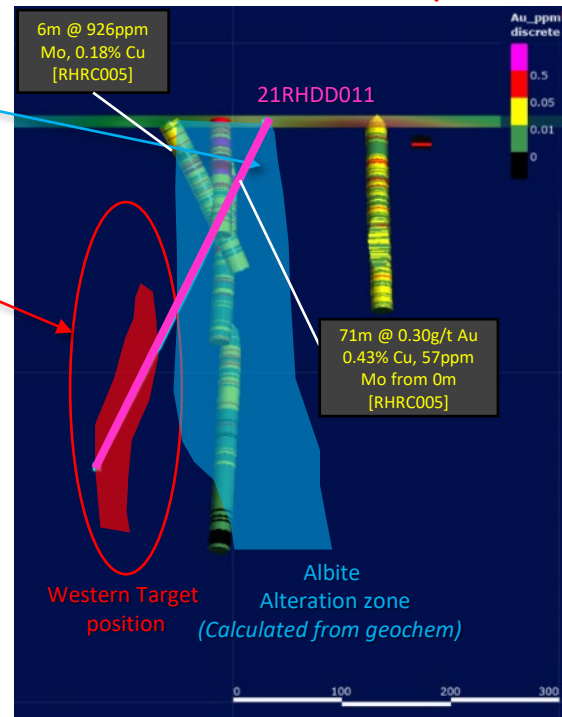
- Along strike from Australia's largest gold producer - Cadia East - 2900Mt @ 0.35g/t Au, 0.26% Cu, 64ppm Mo (Total Resource, Newcrest 2020)
- ✓ **PRIORITY TARGET POSITION REMAINS UNTESTED** - western margin of strongly magnetic monzonite intrusive complex
- ✓ **EXISTING SIGNIFICANT MINERALISATION** - 71m @ 0.30g/t Au, 0.42% Cu, 57ppm Mo from 0m (RHRC005)*
- ✓ **ENCOURAGING ALTERATION TRENDS** - sodic alteration, typically present in upper levels/shoulders of East Lachlan gold-copper porphyry systems, inner propylitic, typically present closer to core
- ✓ **COINCIDENT SURFACE ANOMALISM** - multipoint rockchips > 0.1% Cu, AC Au anomalism

EAST LACHLAN PORPHYRY SYSTEM (ASX:NCM)



Adapted from
Wilson 2003

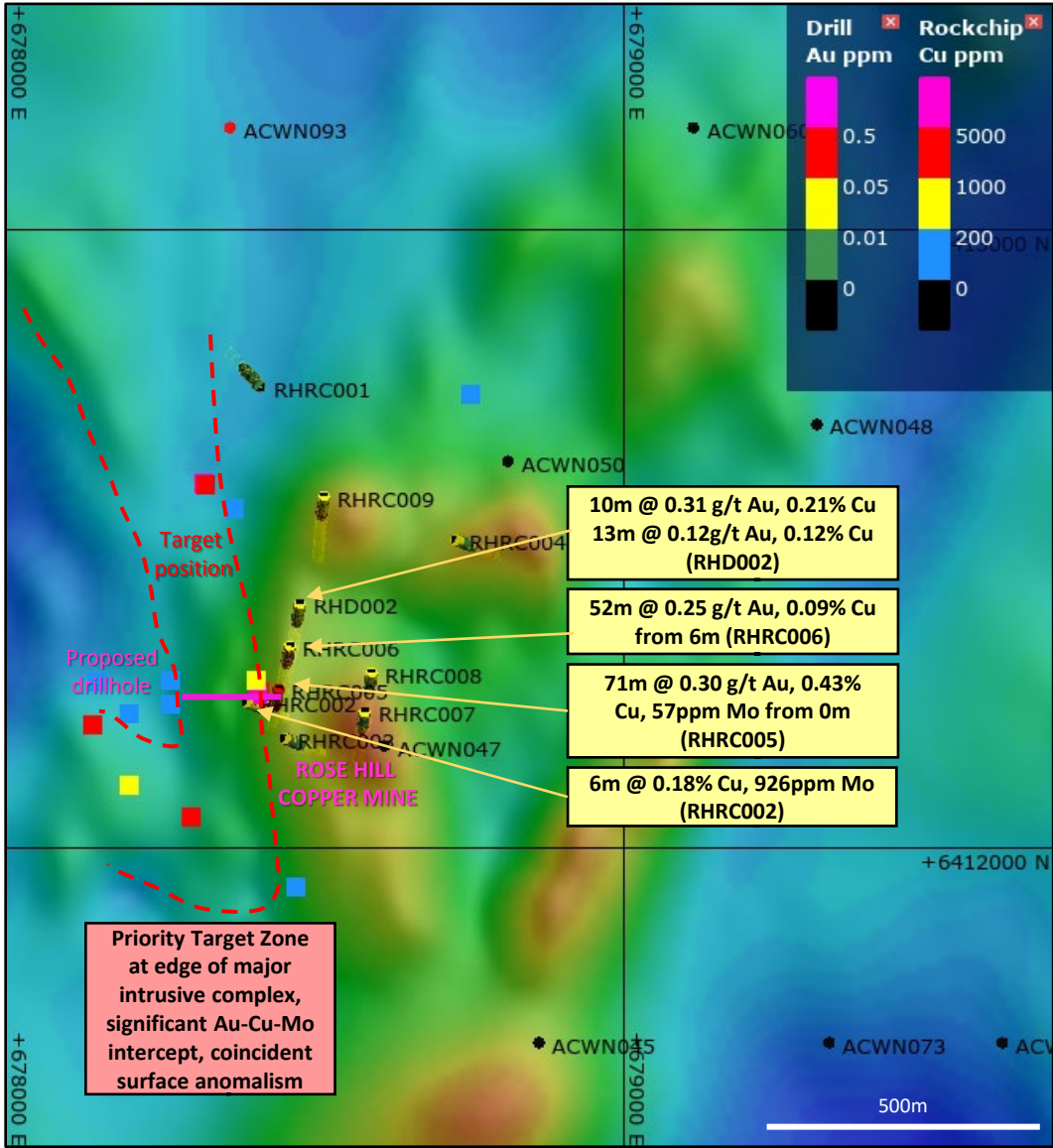
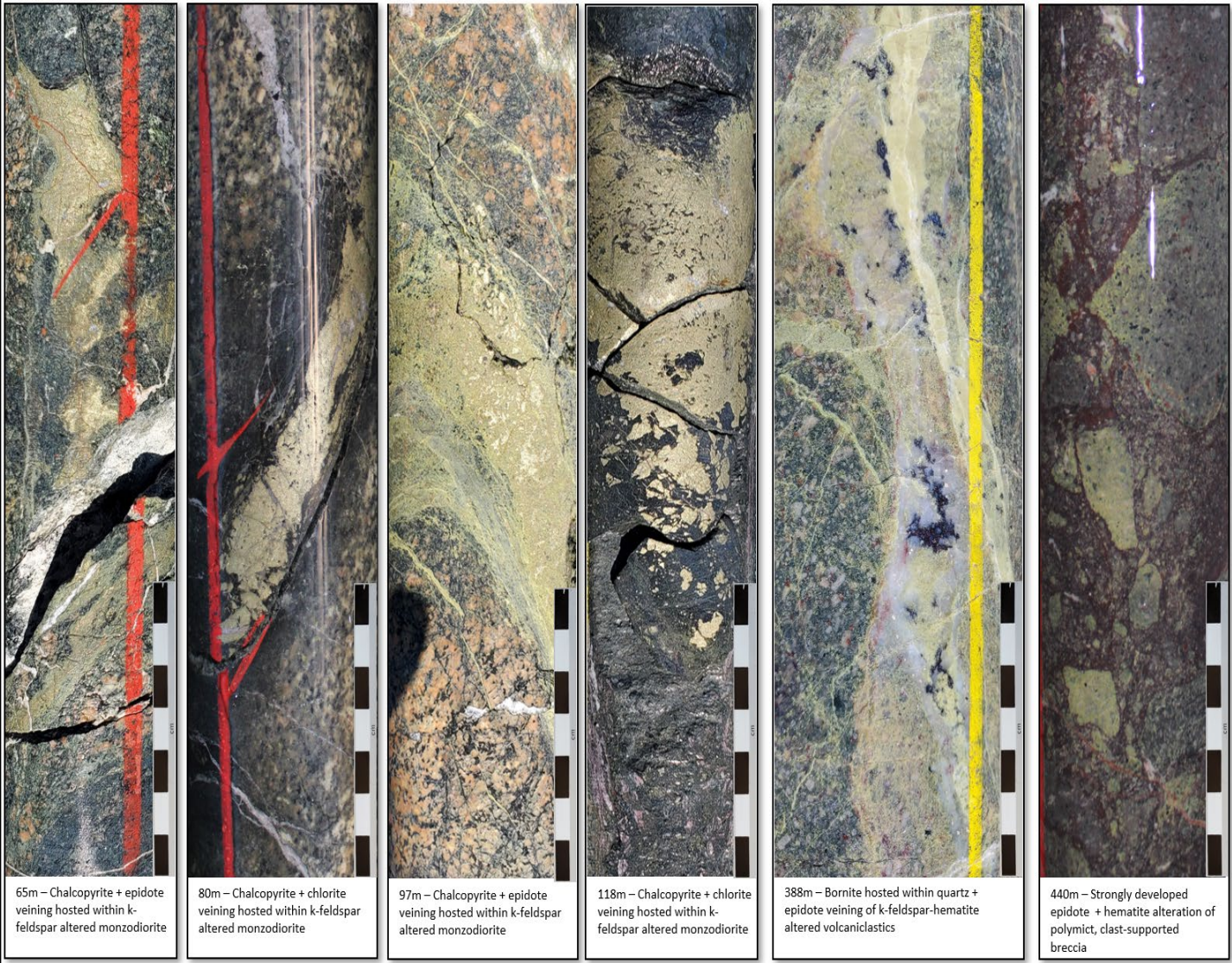
ROSE HILL PORPHYRY TARGET (ASX:MAG)



* ASX MAG 17 May 2017

Wellington North Gold-Copper Project

Rose Hill Target – bornite – chalcopyrite – chalcocite intersected



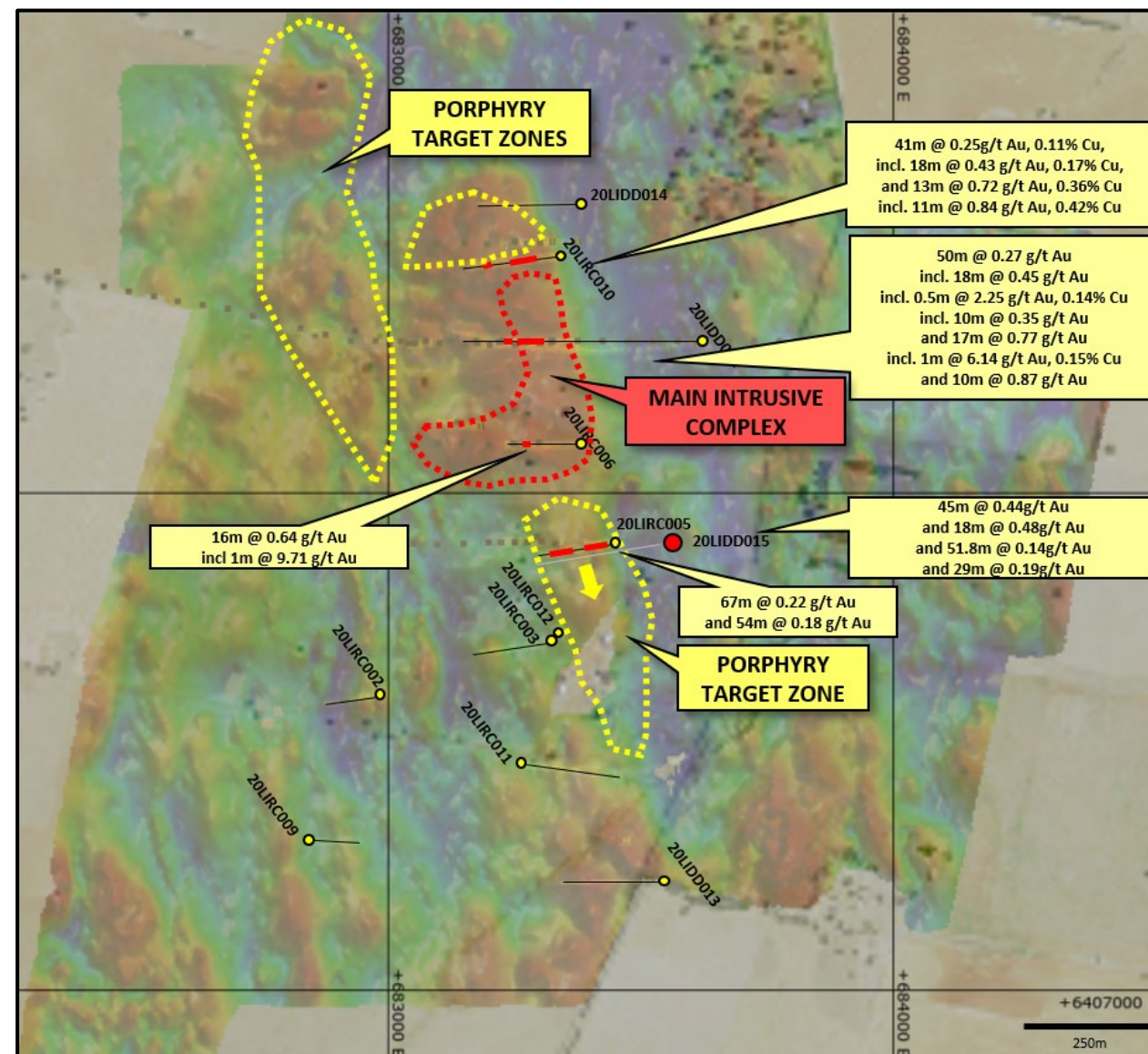
Wellington North Gold-Copper Project

Defining large gold-copper system at Lady Ilse



- Identifying Boda-style Porphyry - Epithermal alteration - exploration signature (ref. ASX ALK 15 August 2017)
- Lady Ilse target:** pyrite-rich alteration zone - assess fertility of pyrite zone (RC drilling + porphyry pathfinder anomalism)

20LIDD001	50m @ 0.27g/t Au, 0.04% Cu from 691m
incl.	18m @ 0.45g/t Au, 0.08% Cu from 691m
and	10m @ 0.87g/t Au, 0.06% Cu from 593m
and	17m @ 0.77g/t Au, 0.04% Cu from 803m
incl.	1m @ 6.14g/t Au, 0.15% Cu from 819m
and	4m @ 1.11g/t Au from 948m
20LIRC010	13m @ 0.72g/t Au, 0.36% Cu from 184m
and	41m @ 0.25g/t Au, 0.11% Cu from 103m
20LIRC005	67m @ 0.22g/t Au from 170m
and	54m @ 0.18g/t Au from 23m
and	23m @ 0.27g/t Au from 249m
20LIRC006	16m @ 0.64g/t Au from 166m
incl.	1m @ 9.71g/t Au from 171m
20LIDD015	45m @ 0.44g/t Au from 452m
and	18m @ 0.48g/t Au from 357m
and	51.8m @ 0.14g/t Au from 295.2m



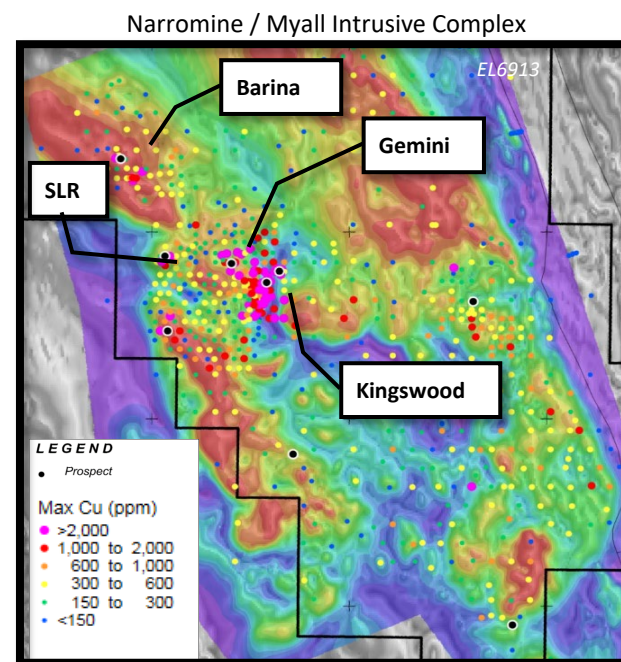
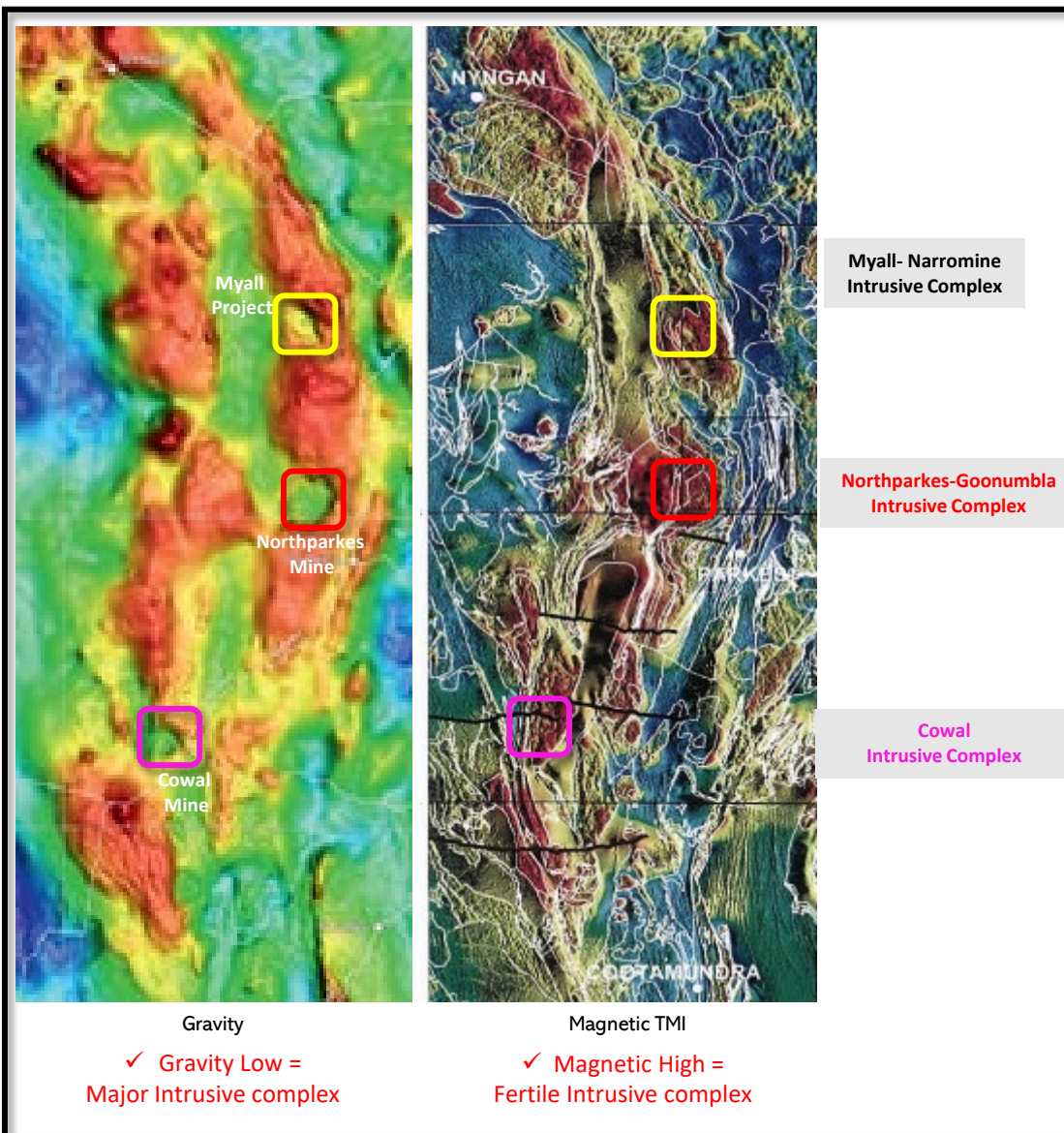
Myall Copper-Gold Project

Northparkes copper-gold porphyry district lookalike

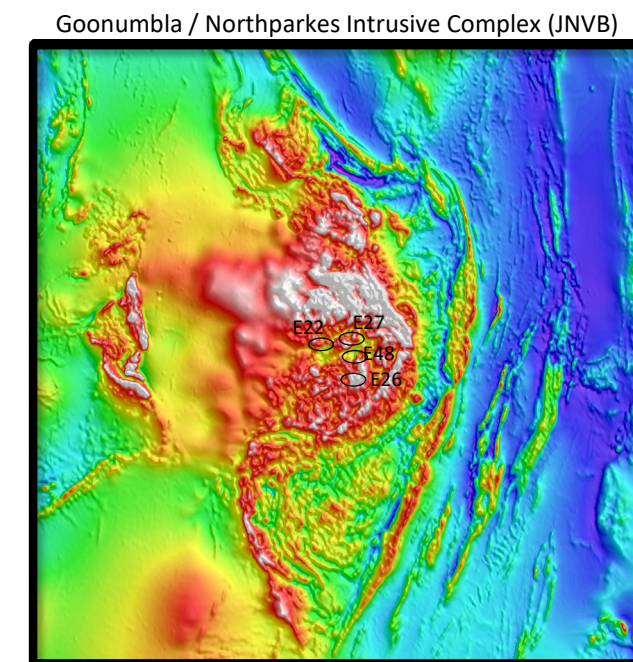


NORTHPARKES COPPER-GOLD PORPHYRY DISTRICT LOOKALIKE

- 250km² project with multiple advanced targets
- Awaiting assays from recent drilling at Kingswood and SLR targets
- Myall-Narromine Intrusive complex, similar age, composition and dimensions to Northparkes Intrusive Complex, ~50km north of Northparkes Cu-Au mine
- 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



Bouguer Gravity RTP Mag



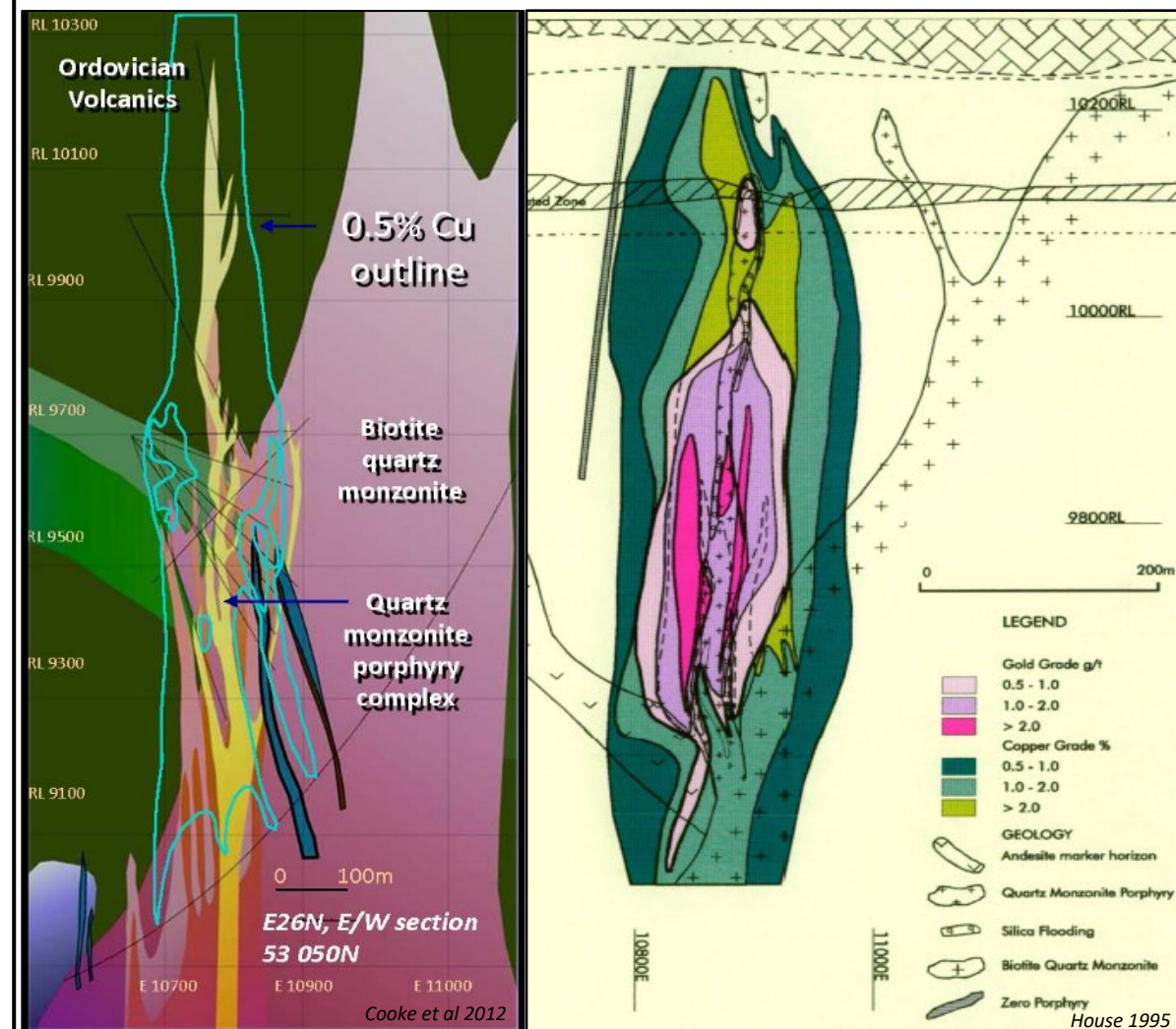
Bouguer Gravity RTP Mag

Myall Copper-Gold Project

Kingswood - Northparkes lookalike target



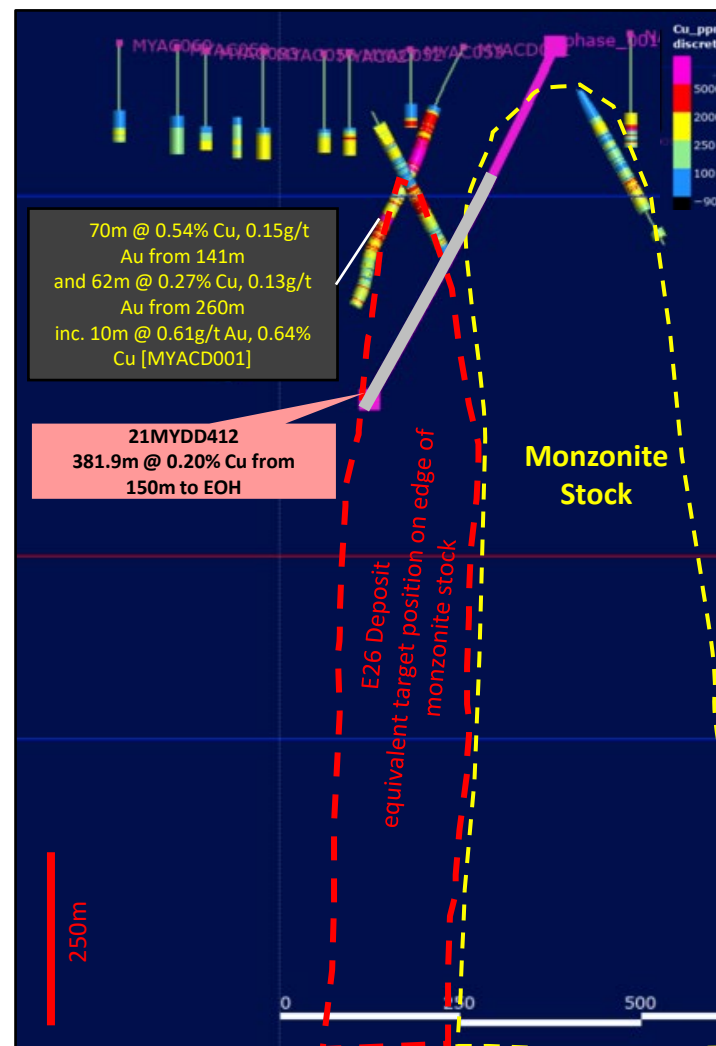
NORTHPARKES / E26 PORPHYRY DEPOSIT



Deposit at edge of Monzonite stock

Deposit at edge of Monzonite stock – Gold zones in core of system

KINGSWOOD PORPHYRY TARGET (MAG)



Target at edge of Monzonite stock

GOLD ZONES LOCATED IN CORE OF SYSTEM

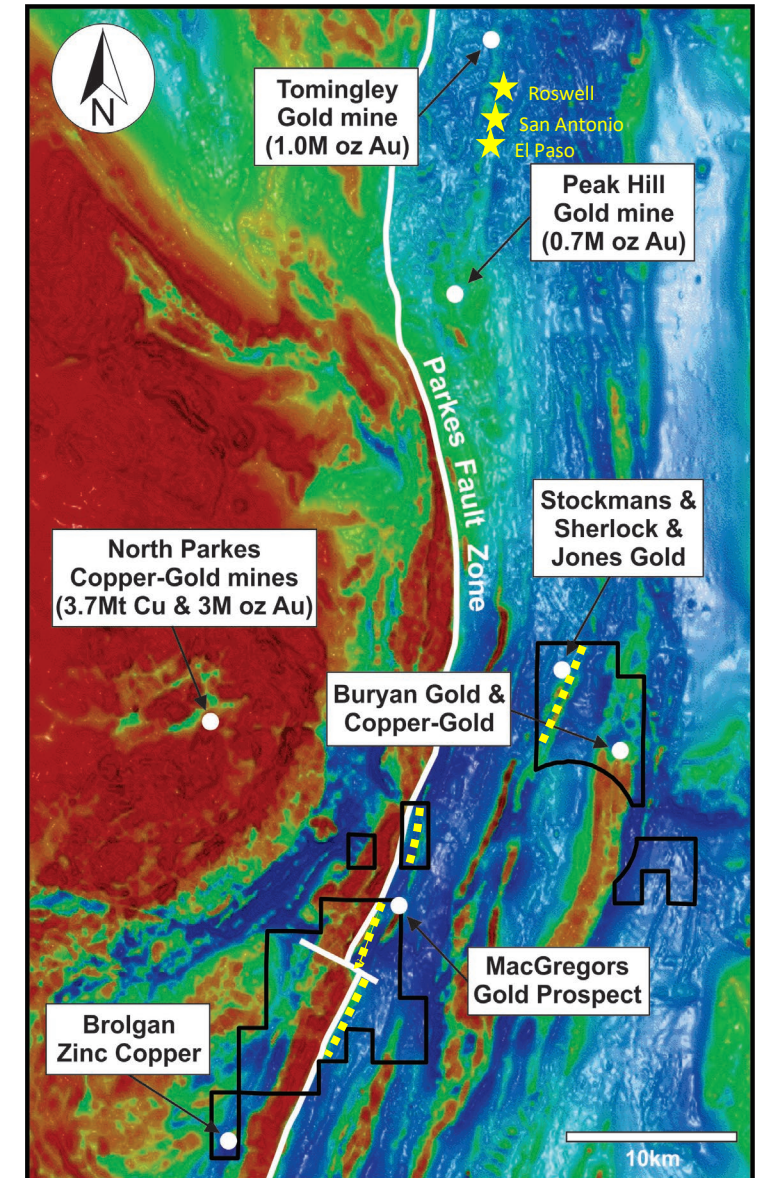
- Kingswood = E26 lookalike target
- Porphyry mineralisation at margin of early monzonite stock
- 70m @ 0.54% Cu, 0.15g/t Au from 141m
- and 62m @ 0.27% Cu, 0.13g/t Au from 260m
 - inc. 10m @ 0.61g/t Au, 0.64% Cu [MYACD001] ASX MAG 17 May 2017
- Northparkes 605Mt @ 0.55% Cu and 0.19g/t Au (Total Resources, CMOC 2018)
- Broad copper anomalism – gold restricted to core of system



Parkes Gold Project

Along strike from Tomingley discoveries Parkes Fault Zone

- 25km along strike from Tomingley Gold Operations / Tomingley South Discoveries (ASX:ALK)
 - Roswell - 662koz, (ALK ASX ALK 4 November 2020)
 - San Antonio - 453koz, (ALK ASX 20 April 2020)
- MacGregors-Secrets, Stockmans - gold intersections equivalent to early-stage exploration results at Tomingley
 - **~20km Orogenic Gold Trend**
- MacGregors/MacGregors South:
 - **19m at 0.8 g/t Au, incl. 10m at 1.25 g/t Au** (from 146m) (ASX MAG 17 May 2017)
 - **30m at 0.57 g/t Au, incl. 15m at 0.74 g/t Au** (from 108m) (ASX MAG 17 May 2017)
- Stockmans:
 - **22m at 0.79g/t Au** (from 45m in S1), incl. 14m at 1.01 g/t Au (from 47m) (ASX MAG 17 May 2017)
 - **12m at 1.42g/t Au** (from 7m in S2), incl. 6m at 2.44g/t Au (from 9m) (ASX MAG 17 May 2017)



Central Lachlan demerger and Au-Cu-Zn-Pb acquisitions

Drill Ready Portfolio - Exploration hotspots - MAG retains interest



- Australian Gold and Copper Limited
- ASX:AGC listed 20 January 2021
- MAG major interest – exposure to more discovery hotspots
- Drilling above conductors along strike from Cobar Zn-Pb-Cu-Au-Ag Mines
- Currently drilling Achilles 3 Au-Cu-Zn-Pb target in southern Cobar Basin
- 36m @ 1.21g/t Au (Moorefield)

‘Drilling intersected zones of strong alteration and base-metal sulphides above a large EM conductor’ ASX AGC 3 March 2021

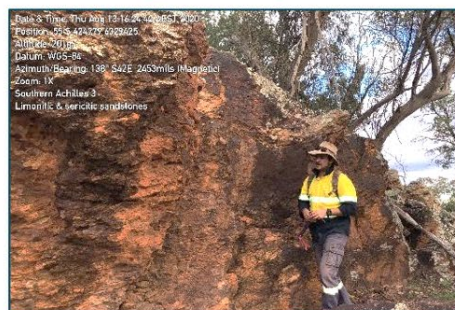
Cargelligo Project

Strong discovery potential, Achilles 3, drilling underway

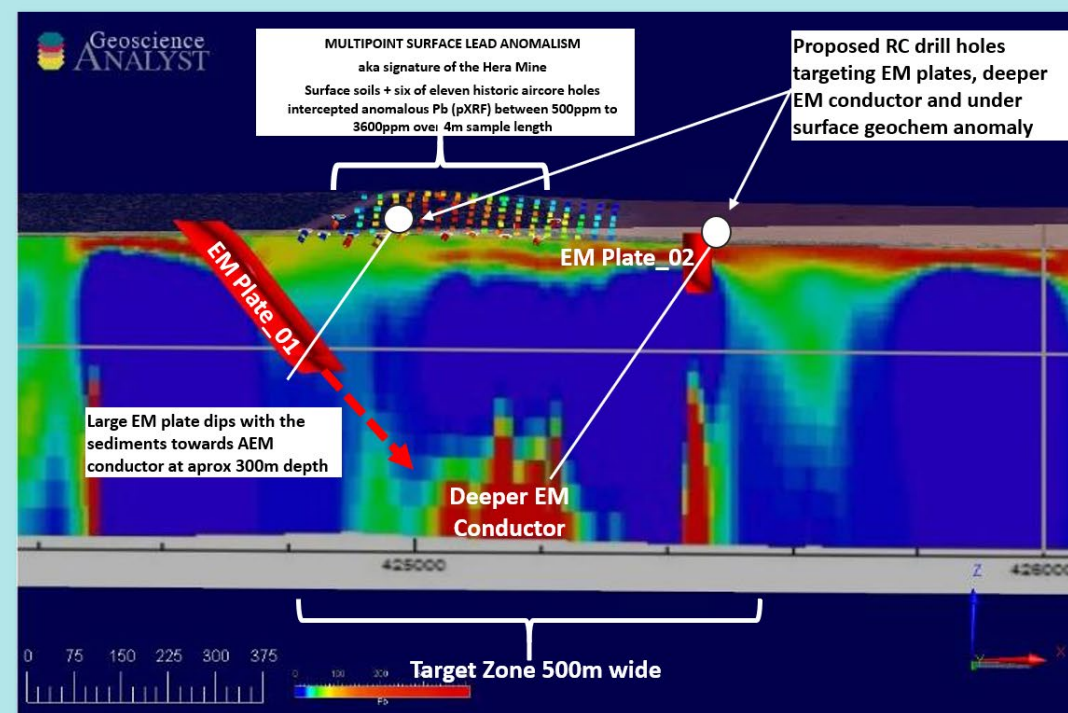
AGC[▲]

ACHILLES 3 TARGET

- Cobar-style gold-polymetallic targets¹
- Multi-datasets all point to shallow mineralised body with evidence for deeper continuation
- Coincident EM plate, aircore and soil geochem, & 2019 government flown aerial EM conductor = great drill targets
- Hera Mine was discovered by lead geochem and then drilling an EM plate
- Maiden drilling underway²



Ground truthing near EM plate_01 supports evidence that sandstones/siltstones are strongly sheared, altered and east dipping, coincident with the geometry of EM plate_01



¹Refer ASX AGC IPO Prospectus 18th November 2020 p100-117

²Refer ASX AGC Release 15th February 2021

14

ASX AGC 20 January 2021

ASX AGC 3 March 2021

<https://www.austgoldcopper.com.au/>

MAG Investment Proposition

High impact drilling focused along strike from Australia's largest gold producer



GOLD-COPPER

- High impact drilling in Boda District north of Australia's largest gold producer - Cadia East Mine, ASX:NCM
- Multiple targets being advanced

COPPER-GOLD

- Follow-up drilling at Kingswood (Myall)

OROGENIC GOLD

- Drilling planned along strike from Tomingley South discoveries ASX:ALK (Parkes)



		EXPLORATION ACTIVITY					
	MAJOR WORK PROGRAMS	MAR	APR	MAY	JUNE	JULY	AUG
WELLINGTON NORTH	Core drilling (Rose Hill)						
	AC/RC Drilling (Boda South)						
	AC/RC Drilling (Rockleigh)						
	AC/RC/DD Drilling (Lady Ilse)						
	AC\RC Drilling (Well)						
MYALL	Drilling (Kingswood)						
	Drilling (Myall)						
PARKES	AC\RC Drilling (Parkes)						

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

References



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Harris, Percival, I., Cooke, D., Tosdal, R., Fox, N., Allen, C., Tedder, I., McMillan, C., Dunham, P., Collett, D., 2014, Marine Volcanosedimentary Basins Hosting Porphyry Au-Cu Deposits, Cadia Valley, New South Wales, Australia, Economic Geology, v. 109

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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

Newcrest., 2019, Newcrest Investor and Analyst Presentation, ASX Announcement, 18 November 2019

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)¹

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 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

ASX MAG 7 December 2020 Copper Porphyry Drill Target

ASX MAG 24 December 2020 Exploration Update

ASX MAG 12 January 2021 Drilling Commences Copper Target

ASX MAG 10 February 2021 Drilling Completed Copper Myall

ASX MAG 11 February 2021 Rose Hill

ASX MAG 25 February 2021 Drilling commences at Wellington North

ASX MAG 29 March 2021 Wide Copper Zone at Kingswood

ASX MAG 31 March 2021 Rose Hill Drilling Commences

ASX MAG 19 April 2021 Bornite Chalcopryrite Chalcocite intersected Rose Hill

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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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