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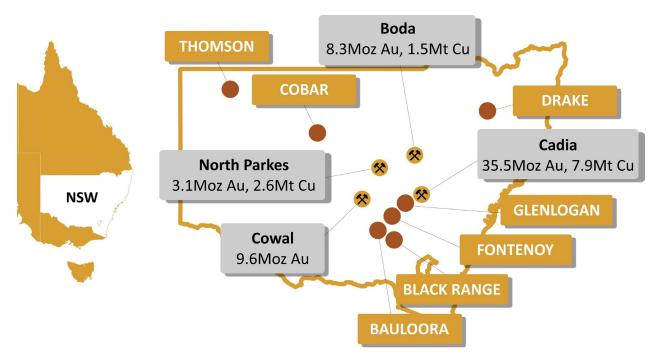
This presentation contains exploration results and historic exploration results as originally reported the Company's Prospectus dated 28 July 2021 and released 9 September and subsequent ASX market announcements. The Company confirms that it is not aware of any new information that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have 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 original market announcements.

The information in this presentation that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Thomas Wall, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Wall is the Technical Director is a full-time employee of Legacy Minerals Limited and a shareholder, who has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 Wall consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The release of these presentation materials has been authorised by the Board.



A premier gold, silver and copper portfolio



Map of NSW showing Legacy Minerals tenements and geographical location of major mining and exploration projects in NSW¹ (figures are expressed as mineral resources).

100% Owned Projects -7,067km²

Thomson, Drake, and Black Range

Joint Venture Projects -1,070km²

Bauloora, Fontenoy, Glenlogan, Cobar









Why New South Wales?

- Home to Australia's largest gold mine (Cadia) and continued discovery success e.g. Achilles (AGC:ASX), Spur (WTM:ASX)
- Potential validated by global mining company investment
 - \$300M in joint venture deals across NSW in the last 16 months



Legacy Minerals at a glance¹

Share Price \$0.245 Market Cap \$22M



Shares Top 20 2024 Drill Campaigns 105M 46% 6 across 5 Projects

Cash – 31 Mar Cash – 30 Jun Debt \$3.2M \$3.0M Nil

Joint Venture Funding \$28.3M









Board and Management



Dr David CarlandNon-Executive
Chairman



Matthew Wall Non-Executive Director



Douglas Menzies
Non-Executive
Director



Christopher Byrne
CEO and
Managing Director



Thomas Wall
Exploration Manager
and Executive Director



Strategy to deliver shareholder value



Acquiring, discovering, and developing high quality gold, copper, and silver projects





Discovery Opportunity

Belt-scale exploration opportunity

Confirmed Intrusion related Au-Cu Potential

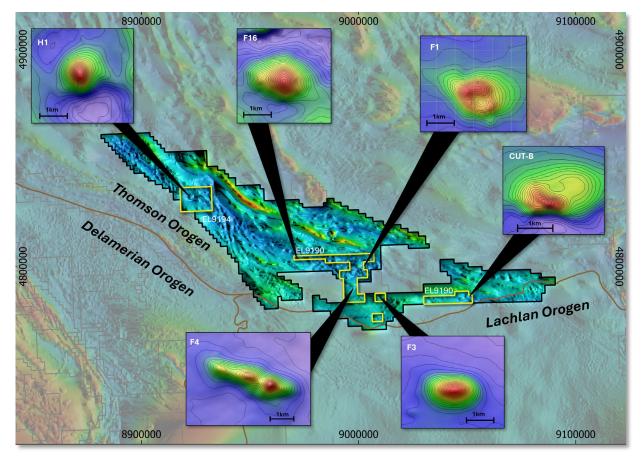
- Proof of concept confirmed in historic drilling
- Target rich environment
 - Numerous bulls-eye magnetic and gravity anomalies
- Large alteration footprints confirmed (tourmaline, biotite, silica and pyrrhotite)

One of the most under-explored orogens in Australia

- Potential for large deposits due to first mover advantage.
- Belt scale exploration opportunity (5,500km²)
- Successful discovery opens multitude of walk-up drill targets

Pathway to Discovery

- Gravity survey > magnetic and gravity modelling > drilling
- Cover sequence geophysically transparent for gravity, magnetics, IP and potentially ground EM.
- Shallow cover means cost-effective discovery rates.



Project overview showing EL9190, EL9194, ELA6777 and examples of "bullseye" magnetic targets.

All magnetic targets shown here indicate a magnetic body >100Mt.



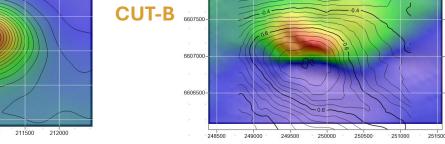
Highlight Prospects¹

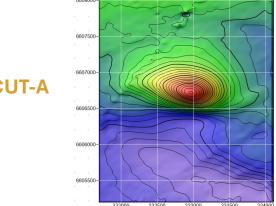
Multiple opportunities for a large deposit discovery

| i idecipio e | pportunities for | a targe deposit arsocrery | | | | | |
|--------------|------------------------|---|---|--|--|--|--|
| Target | Modelled mag body size | Previous Drilling | Key observations | | | | |
| F3 | 350Mt | Not tested. Hole passed nearby but did not intercept the interpreted causative magnetic body. | Strong silica-pyrrhotite alteration and veining | | | | |
| CUT-B | >100Mt | Not tested. Magnetic susceptibility measurements of the drill core indicate the magnetic anomaly remains untested. | Coincident gravity anomaly. Extensive tourmaline and biotite alteration and tourmaline + sulphide vein. (up to 0.53g/t Au, 113g/t Ag, 0.5% Cu, 4.2% Zn, 0.5% Bi, 0.6% W) | | | | |
| CUT-A | 170Mt | Not tested. Magnetic susceptibility measurements of the drill core indicate the magnetic anomaly remains untested. | 480m zone of alteration - silicification, veining and brecciation indicating an extensive mineralized hydrothermal system. (up to 3.73g/t Au, 58g/t Ag, 0.12% Bi, 105ppm Mo, 1.8% Pb, and 1.0% Zn) | | | | |
| F | 6609000- | CUT-B 6607500- | 6608000- 6607500- CUT-A | | | | |









Analogue Deposit¹

Havieron Deposit 8.4Moz AuEq (Greatland Gold)

Au-Cu Intrusion Related Deposit

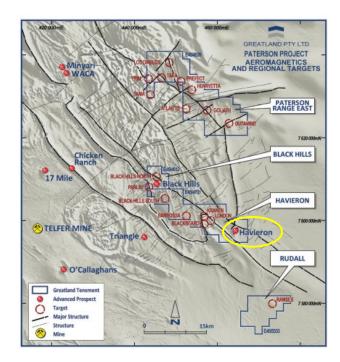
- Havieron is an intrusion- related system with gold and copper mineralisation hosted in breccia, vein and massive sulphide (pyrrhotite dominant) styles
- High grade gold and copper mineralisation discovered under more than 400 m of post-mineralisation cover
- Drill testing of a coincident <u>magnetic and residual gravity</u> anomaly.
- Circular magnetic anomaly within generally bland magnetic terrain.

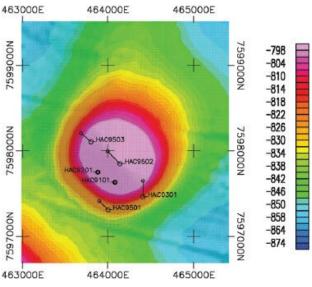
Bulls-eye to sub-circular magnetic high anomalies

Meta-sedimentary host rocks;

Pyrrhotite related mineralisation; and

Related gravity high anomalies.









Unlocking a target rich epithermal environment

A 'Legacy' project with new Legacy Minerals exploration vision and approach

What's Legacy Minerals Strategy?

A focus on the delivering value through Au-Ag-Cu discovery

Transaction

\$190k unencumbered sale from White Rock Resources (WRM)²

Estimated \$20-30M in project expenditure by previous companies

Resources

- Exploration License Application and Exploration Licences Resource
 - 320kOz Au and 23Moz Ag in open pit resources³

Comparable scale to other globally significant systems

- Prospective for epithermal and porphyry deposits
- Similar features to world class deposits such as Porgera, PNG⁴

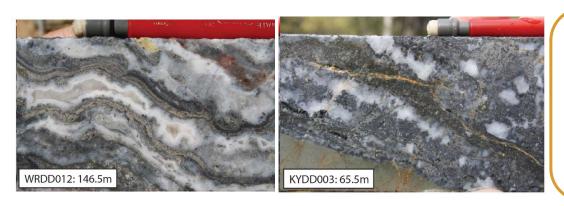
Unrealised copper opportunity

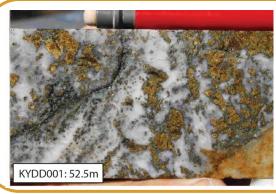
- Extensive copper oxide potential across several kilometers
- Historical high grade and wide copper intersects not followed up



Extensive high-grades demonstrate system potential

Why we are here?: Because this project reported the right grades and exhibits the right textures





Porphyry D-vein

Examples of epithermal vein textures from drill holes KYDD003 at 65.5m, WRDD012 at 120m and 146.5m and interpreted porphyry D-veins in KYDD001 at 52.5m (Comments on Exploration at the Drake Project, Corbett Geological Consulting)

- 12.82m at 48g/t Au and 2,589g/t Ag, including 6.88m at 82g/t Au, 3,355g/t Ag with 3.78m of core loss (DDH006) 1
 - The highest grades in this interval went 0.91m at 230g/t Au and 9,081g/t Ag
- 118m at 1.71g/t Au, 6.9g/t Ag, 0.1%Cu and 1.12% Zn from 2m

(KYDD003)²

• 8m at 16.92g/t Au, 17g/t Ag, 0.53% Cu, 1.45% Pb and 6.89% Zn, from 52m

(NOT IN RESOURCE) (RED003)¹

• 26.5m at 220g/t Ag and 0.1g/t Au from 133.3m

(NOT IN RESOURCE) (MODD004) 4

• 16m at 5.8% Cu from 58m and 10.1m at 7.26% Cu from 88m

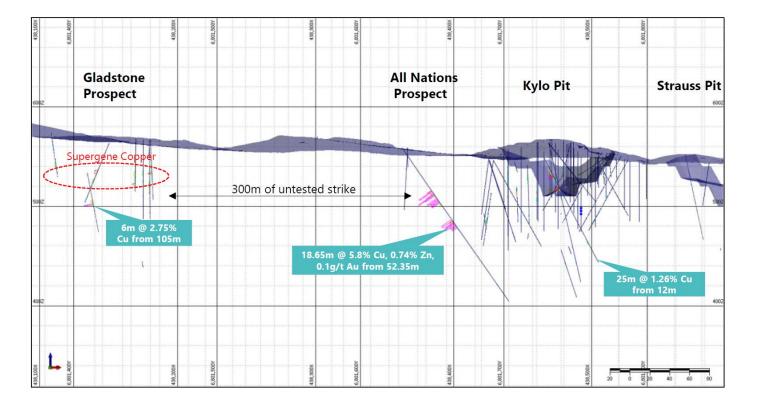
(NOT IN RESOURCE) (KYDD001)³

Copper Opportunity

Untested porphyry copper targets¹

- Highly encouraging shallow intercepts including:
 - 18.65m at 5.8% Cu from 52m and 10.1m at 7.26% Cu from 88m
 - 25m at 1.26% Cu from 12m, and 6m at 2.75% Cu from 105m
- Extensive copper oxide resource potential across several kilometers gives confidence to large system







Black Range

100% ownership of a large underexplored epithermal system

District scale control – 905km² license

- Newcrest were the last to complete significant exploration over <u>30 years ago</u>¹
- Newcrest relinquished the ground in 1992
 (Cadia discovery)¹

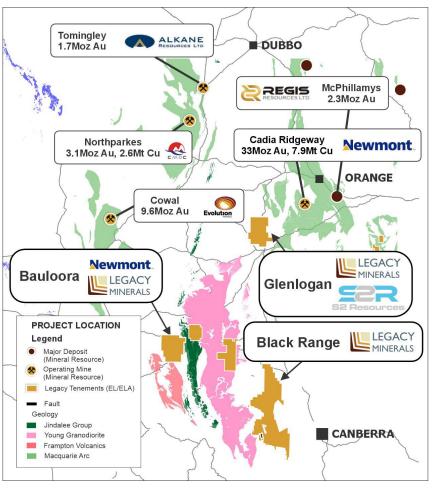
Why is it a compelling project?

- Preservation and widespread Au-Ag anomalism (Sugarbag Hill, Mt Mylora)^{1,2}
- 65km from Bauloora with clear parallels between the two systems
- Newcrest dated Black Range to be the same age mineralisation as Bauloora¹

Large Scale Potential

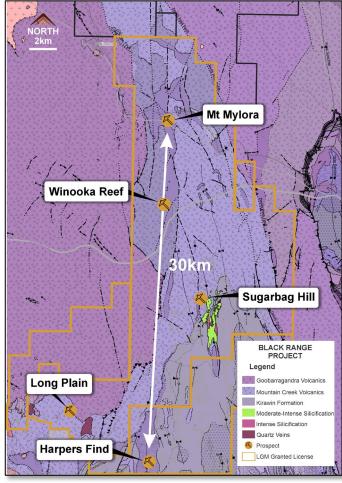
Rock chips up to 1,440g/t Ag and 2.06g/t
 Au underpin district potential³

Black Range Project



Regional Setting of the Black Range project and nearby operations^{2,3,4,5,6}

Main Prospects



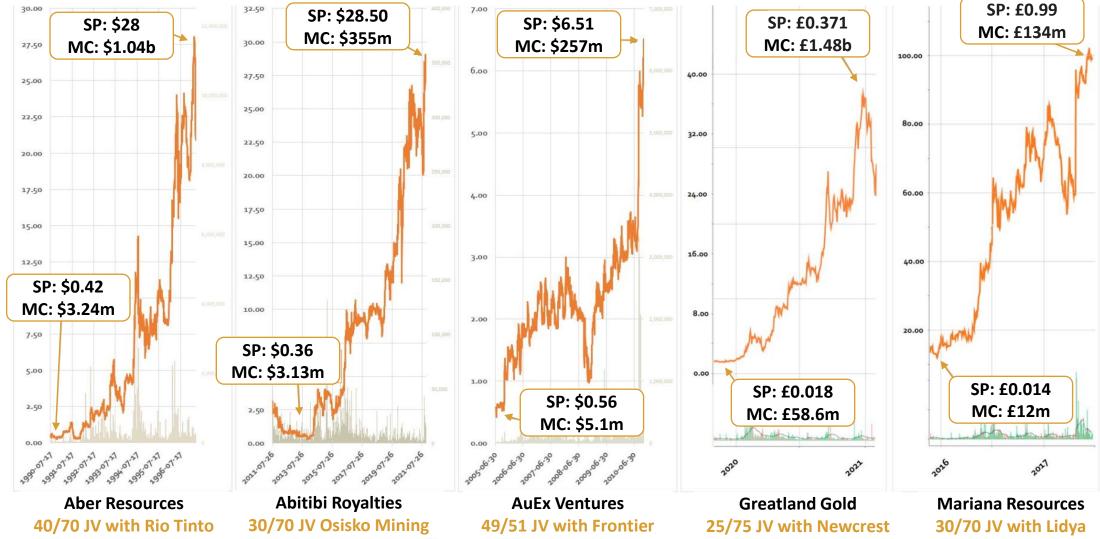
Black Range EL with solid geology showing major prospect





The upside in a JV - non-dilutive potential for value creation

Like 100% owned projects, partnerships can deliver significant returns for shareholders





Glenlogan - S2 Resources JV (\$6m)



Assays Pending

Preliminary Drill Observations

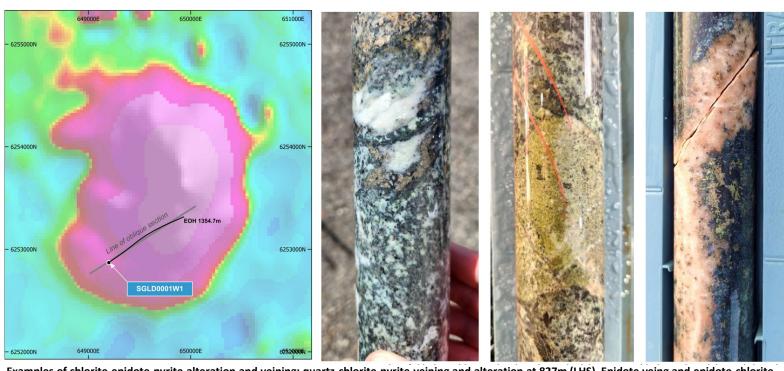
- Variety of igneous rocks intersected) suggesting multi-phase long-lived intrusive system
- Alteration compatible with outer propylytic alteration zone around potential porphyry system

Joint Venture Terms

- Up to \$6M spent over 6 years.
- Minimum drill meters.
- LGM option for 20% loan carried to mining.

Utilising improvements in technology

 Modern technology has shown the target is much shallower than previously thought (~500m), and well within economic mining depths²



Examples of chlorite-epidote-pyrite alteration and veining: quartz-chlorite-pyrite veining and alteration at 827m (LHS), Epidote veing and epidote-chlorite alteration at 985m (centre) and chlorite-pyrite-trace chalcopyrite alteration around vein at 1,264m downhole.

Rio Tinto identified but did not drill target

 Rio Tinto last held in the ground in 1994 and did not drill test the target due to modelled target depth of 800m¹

Partnership with a quality exploration company

S2 Resources led by Dr Mark Bennet with Mark Creasy as major shareholder



Bauloora – Newmont (\$15M)

Newmont

Drilling Assays Pending

Ongoing discovery exposure

Further 2024 drilling planned

Joint Venture Terms¹

- Up to \$15M spent over 8 years.
- Minimum drill meters.
- LGM option for 20% loan carried to mining.

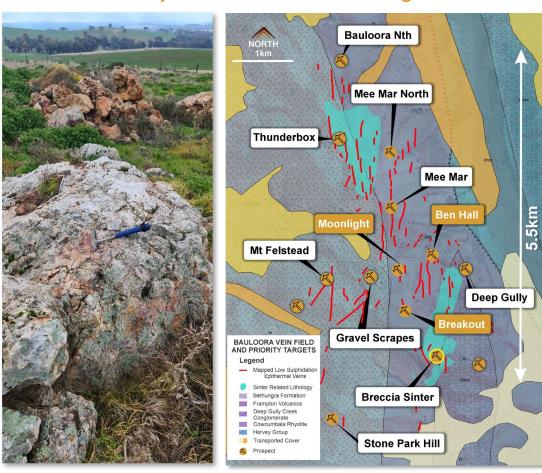
District scale control

- 27km² low sulphidation epithermal vein field²
- Target rich environment

High-Grades and Extensive Veining

- Veins up to 3m wide at surface strike >2km
- 3,701g/t Ag, 6.9g/t Au, 6.4% Cu, and 55% Pb+Zn (0.2m face sample)⁴
- 6m at 3.56g/t Au, 10.95g/t Ag, 0.22% Cu and 6.47% Pb+Zn (from 57m) ⁴

Primary Vein Field and Current Targets



Current combined extent of interpreted low-sulphidation epithermal-style textured veins and sinter related lithology²



ARTHAL

Fontenoy - EarthAl Alliance (\$4.5m)

Drilling Underway

Discovery Drillhole – February 2024¹

- 34m at 0.5g/t 3E PGE* including a higher grade zone of:
- 10m at 1.2g/t 3E PGE, 0.2% Ni and 891ppm Cu from 388m down-hole.

Alliance Terms¹

- Up to \$4M spent over 3 years.
- Minimum drill meters.
- Success-based earn-in (need a qualifying intercept).

Unlocked potential for magmatic-related PGE-Ni-Cu

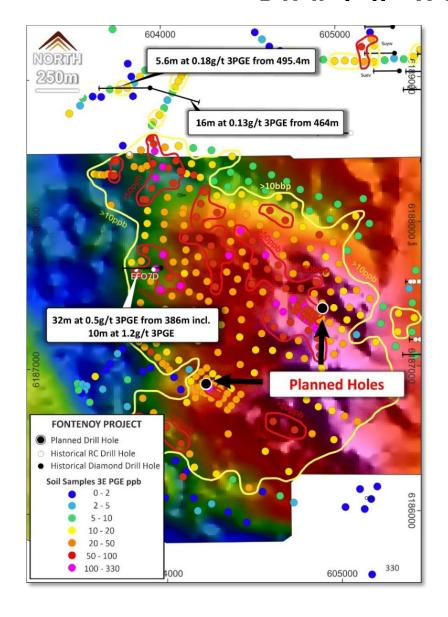
Deposit styles such Nova-Bollinger (IGO) and Julimar (Chalice)^{2,3}.

PGE's and Nickel listed as Critical and Strategic Minerals

 Their value, rarity and strategic importance underpin the value for shareholders

Shareholders are exposed to cutting edge AI

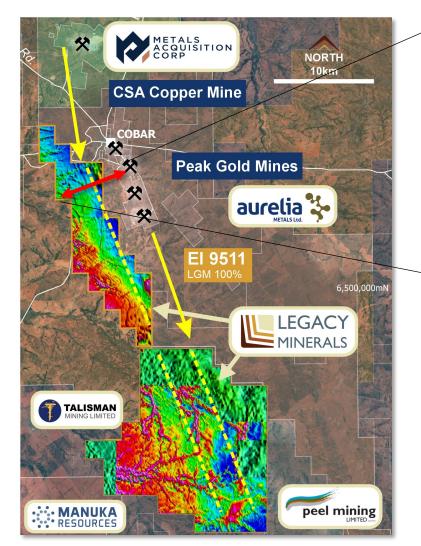
Strong potential to make further discoveries

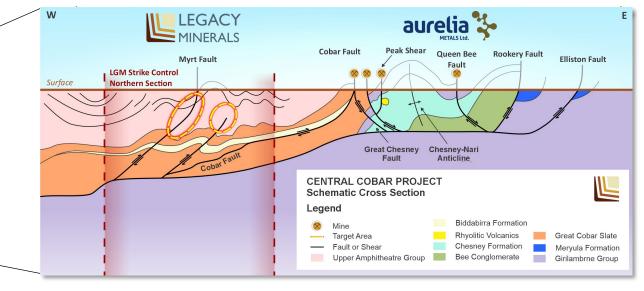


Central Cobar – Helix JV (\$2.8M)

HEL X

New Joint Venture will see an active exploration program





Prospective, undrilled search space

- Along strike of the Peak Gold Mine Corridor (Aurelia, ASX)
- Along strike of the CSA Mine (Metals Acquisition Corp, ASX)
- Interpretation that the western margins of the Peak Corridor has structural complexity and potential for fluid pathways that form many Cobar-Type deposits¹

Key Terms of the Joint Venture²

- \$2.8M over six years and three stages to earn 80%
- LGM' ability to contribute at each stage
- Minimum expenditure and commitments to drill



Timeframes and Discovery Catalysts

Ongoing drilling and target generation



Drilling









Follow up drilling

2023

2024



Target Generation

Q3 Rockley Soil sampling Q3 Drake **Project Update**

Q3-Q4 Black Range Soil sampling Q3-Q4 Cobar **Ground Geophysics**

Follow up generative work



ASX: LGM

Investment Highlights

Deliver shareholder value through acquiring, exploring and developing projects



Right Structure

Competitive market cap means room for growth

Tight capital structure 105M shares on issue

\$28.3M in non-dilutive,

JV funding

\$3M cash in bank at end of June

Right People

Experience across all areas of exploration and mining space

Good stewards of capital with skin in the game

Track record of discovery and funding

Right Ground

High grade projects

Focus on gold, silver, and copper

Targeting Tier-1 systems

Potential for significant discoveries and resource growth

Actively Drilling





Appendices – Endnotes

Slide 3, Slide 15: 1 Alkane Resources Kaiser Resource Estimate of ~4.7M Gold Equivalent 27 February 2023; 2 Silver Mines, Ord Minnett East coast Mining Conference, March 2023; 3 Alkane Resource and Reserve Statement FY22, 9 September 2022; 4 Newcrest Mining Annual Mineral Resources and Ore Reserves Statement 17 February 2022; 5 Sandfire Resources NL 2019 Annual Report; 6 Regis Resources Annual Mineral Resource and Ore Reserve Statement 8 June 2022; 7 CMOC Northparkes Mining and Technical Information; 8 Evolution Mining 2022 Annual Report

| Project & Company | Mineral Resource | Measured Resource | Indicated Resource | Inferred Resource |
|---|-----------------------|------------------------|------------------------|-----------------------|
| Boda-Kaiser, NSW (Alkane Resources Ltd) | 7.26Moz Au, 1.38Mt Cu | - | - | 7.26Moz Au, 1.38Mt Cu |
| Tomingley, NSW (Alkane Resources Ltd) | 1.75Moz Au | 0.13M Au | 1.019Moz Au | 0.59Moz |
| McPhillamys, NSW (Regis Resources Ltd) | 2.29Moz Au | - | 2.28Moz Au | 0.001Moz Au |
| Cadia and Ridgeway, NSW (2023) (Newmont Corporation) | 35Moz Au, 7.9Mt Cu | 0.30Moz Au, 0.041Mt Cu | 30.98Moz Au, 6.97Mt Cu | 4.06Moz, 0.91Mt Cu |
| Cowal, NSW (Evolution Mining Limited) | 9.618Moz Au | 0.367Moz Au | 7.33Moz Au | 1.92Moz Au |
| Nth Parkes, NSW (CMOC Mining Pty Ltd | 3.09Moz Au, 2.63Mt Cu | 1.64Moz Au,1.2Mt Cu | 1.1Moz Au, 1.1Mt Cu | 0.35Moz Au, 0.33Mt Cu |

Appendices – Endnotes (continued)

Slide 7:1: Technical Review of the Falcon Project, July 2023, Bob Richardson (unpublished)

Slide 8: 1:Technical Review of the Falcon Project, July 2023, Bob Richardson (unpublished)

Slide 9: 1: Hanneson, J. E., & Baxter, C. N. (2022). Discovery of the Havieron Gold-Copper deposit, WA. Preview, 2022(219), 42-47. https://doi.org/10.1080/14432471.2022.2103941

Slide 11: 1: ASX WRM: 24 October 2022 High Grade Copper Target Identified at Mt Carrington, 2: ASX LGM: 20 July 2023 Acquisition of District Scale Copper-Gold Epithermal Project, 3: see slide 31, 4: World Gold, Pacific Rim Epithermal https://corbettgeology.com/wp-content/uploads/2016/07/corbett_pacific_rim_epithermal_au.pdf

Slide 12: 1: ASX TMZ Release: 24 Oct 2022, High-Grade Copper Target Identified at Mt Carrington, Six Annual Report for Period Ending September 15 2: 1992 El 2662 (Drake) R00000410, CRAE 3: Prospectus is issued by White Rock Minerals Ltd ("White Rock") dated 20 August 2010, ASX TMZ Release: 24 October 2022, High Grade Copper Target at Mt Carrington, 4: ASX WRM Release: 14 September 2012, Annual Report to shareholders

Slide 13: ASX: LGM 7 May 2024 Drake Project Exploration Update, ASX TMZ Release: 24 Oct 2022, High-Grade Copper Target Identified at Mt Carrington

Slide 15: 1: ASX LGM: 23 October 2023 Large 2.2km Long Gold Anomaly defined at Black Range, 2: ASX LGM: 11 October 2023 Widespread Silica Sinter Confirmed at Black Range. 3: ASX LGM 18 July 2024 Black Range Drilling Assays Returned and Exploration Update, 1992 Newcrest Mining Limited (R00001533) License 3137 Goondah

Slide 17: GoldDiscovery Group, <a href="https://www.linkedin.com/posts/golddiscovery-media-b-v_why-buy-a-junior-miner-with-a-minority-stake-activity-7173060437201129472-UGoE?utm_source=share&utm_medium=member_desktop

Slide 18: 1: Rio Tinto Exploration Pty. Limited, EL5226 Cowra 8 Final Report Bathurst SI55-08 NSW, Australia, October 1997, 2: ASX 9 November 2023 Major Untested Porphyry Cu-Au Target Defined at New Project, 3: ASX LGM 29 January LGM: S2R enter \$6M Farm-in at Glenlogan Porphyry Project, ASX S2R: 18 July 2024, Drilling started at Glenlogan Copper-Gold Project, NSW, ASX LGM: 3 September 2024 S2R: Glenlogan Drilling Update

Slide 19: 1: ASX LGM: 5 April 2023 Newmont Farm-in at Bauloora Project, ASX LGM 2: ASX LGM 27 April 2023 Exploration underway at new low-sulphidation epithermal, NSW, 3: ASX LGM: 16 June 2022 High-Grade Silver, Gold Drill Results, Met-Testing Underway, Legacy Minerals Prospectus, dated 28 July 2021, 4: ASX LGM: 10 May 2023 Drilling Assays Confirm New Epithermal Discovery at Bauloora

Slide 20: 1: ASX LGM 26 February 2024 Artificial Intelligence makes Magmatic PGE-Ni-Cu Discovery, 2: ASX LGM IGO Ltd, https://www.igo.com.au/site/operations/nova3: Chalice Mining Limited, https://chalicemining.com/gonneville/ 4: ASX LGM, 17 July 2024, Extensive Undrilled Palladium-Platinum Footprint at Fontenoy.

Slide 21: 1: ASX LGM: 19 August 2024 Helix Resources to Farm-in to Legacy's Central Cobar Project, ASX HLX: 19 August 2024 Helix Expands Cobar Copper-Gold Foothold



Appendices – Endnotes (continued)

Drake Mineral Resource Estimate as at 26 March 2024

| Deposit | Resource Classification | Grade | | | | Metal | | | | |
|-------------------------------|----------------------------|----------------|----------|----------|--------|--------|----------|----------|---------|---------|
| | | Tonnes (Mt) | Au (g/t) | Ag (g/t) | Zn (%) | Cu (%) | Au (koz) | Ag (koz) | Zn (kt) | Cu (kt) |
| Strauss (ELA) | Indicated (JORC 2012) | 2.2 | 1.48 | 1.74 | 0.49 | 0.08 | 105 | 123 | 10.7 | 1.7 |
| | Inferred (JORC 2012) | 1.36 | 0.69 | 1.81 | 0.33 | 0.06 | 30 | 79 | 4.4 | 0.9 |
| Kylo (ELA) | Indicated (JORC 2012) | 2.14 | 1.25 | 1.35 | 0.19 | 0.04 | 86 | 93 | 4.1 | 0.8 |
| | Inferred (JORC 2012) | 0.3 | 0.41 | 1.17 | 0.18 | 0.05 | 4 | 11 | 0.5 | 0.1 |
| Sub-Total | | 6 | 1.17 | 1.59 | 0.33 | 0.06 | 225 | 306 | 19.8 | 3.5 |
| Red Rock (ELA) | Inferred (JORC 2004) | 1.63 | 1.6 | 2.2 | | | 54 | 182 | | |
| Guy Bell (ELA) | Inferred (JORC 2004) | 0.16 | 2.5 | 4.9 | | | 13 | 24 | | |
| Sub-Total | | 1.79 | 1.2 | 3.6 | | | 67 | 206 | | |
| Lady Hannadan | Indicated (JORC 2004) | 1.84 | 0.6 | 69 | | | 37 | 4056 | | |
| Lady Hampden | Inferred (JORC 2004) | 2.47 | 0.3 | 51 | | | 27 | 4023 | | |
| White Book (ELA) | Indicated (JORC 2004) | 1.71 | | 77 | | | | 4214 | | |
| White Rock (ELA) | Inferred (JORC 2004) | 2.66 | | 47 | | | | 3978 | | |
| White Rock North (EL) | Inferred (JORC 2004) | 3.18 | | 52 | | | | 5314 | | |
| Silver King (ELA) | Inferred (JORC 2004) | 0.64 | | 59 | | | | 1218 | | |
| Sub-Total | | 8.95 | 0.1 | 51 | | | 64 | 22803 | | |
| Total (JORC 2012 + JORC 2004) | | 16.74 | | | | | 356 | 23315 | | |

The Strauss and Kylo Mineral Resources have been estimated using a gold cut-off of 0.3g/t Au and 25g/t Ag, 0.1% Cu, 0.1% Pb, and 0.1% Zn^[ii]. The Guy Bell Mineral Resource has been estimated using a cut-off of 0.5g/t Au and Red Rock has been estimated using a 0.7g/t Au cut-off. Silver dominant Mineral Resources (Lady Hampden, White Rock, White Rock, White Rock, White Rock, White Rock North, and Silver King Mineral Resources was prepared and reported in accordance with the JORC Code (2004). The Resources figures have not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reportedⁱⁱⁱ.

