Cue Gold Project WA

Rob Waugh Managing Director

ASX: MGV





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TARGETING MAJOR HIGH-GRADE SYSTEMS AND STAND-ALONE GOLD PRODUCTION



Exploration

Drill test targets on 100% MGV tenure to deliver new discoveries and grow the gold resource base

Drill testing of gold targets on EVN JV with the aim of defining a large economic gold system

Development



Prefeasibility level studies over existing and new gold deposits to de-risk future development



Define a clear path to first gold production

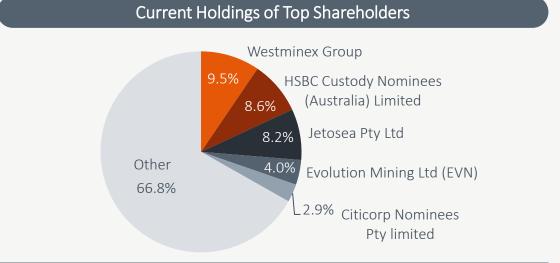




CORPORATE OVERVIEW



ASX Code	MGV
Shares on Issue	537M
Share Price (29 July 2022)	\$0.25
Cash on Hand (June 2022)	~\$10.6M
Securities Held (LEG, CYM)	~\$0.7M
Debt	Nil
Market Capitalisation (@25c)	~\$134M
Enterprise Value	~\$123M
Liquidity (150 day volume)	~0.7M shares/day





BOARD AND MANAGEMENT



Managing Director

Rob Waugh

MSc, BSc, FAusIMM, MAIG



General Manager Development

Anthony Buckingham

BEng, MAusIMM,



Non-Executive Chairman

Graham Ascough

BSc, MAusIMM, Pgeo



Non-Executive **Director**

Kelly Ross

BBus, CPA, **AGIA**



Non-Executive Director

John Percival



Perth-

Geraldton

Meekatharra.

MT MAGNET SOUTH

PROJECT

Non-Executive Director

Brett Lambert

BAppSc (Mining Engineering)



TOTAL MINERAL RESOURCE ESTIMATE

MUSG RAVE

Cue Gold Project

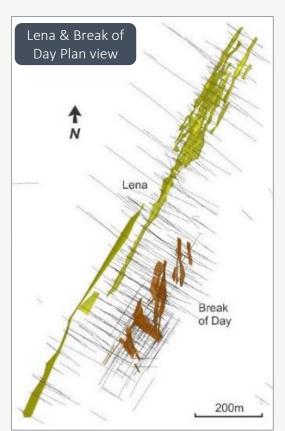
• 12.3mt @ 2.3g/t Au for 927koz Au

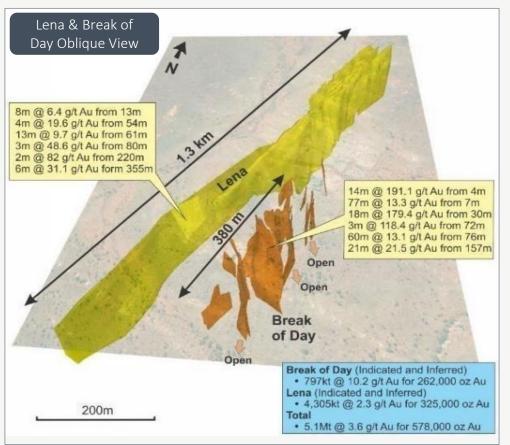
Near-surface, High-grade Break of Day Trend

- 982kt @ 10.4g/t Au for 327koz Au
- 70% of Break of Day Trend resources in Indicated Category
- 47% of total Resources in Indicated category
- Big Sky and White Heat-Mosaic deposits only drilled to ~100-160m
- Significant discovery upside potential

Near surface high-grade intercepts include:

• 14m @ 191g/t Au (from 4m)





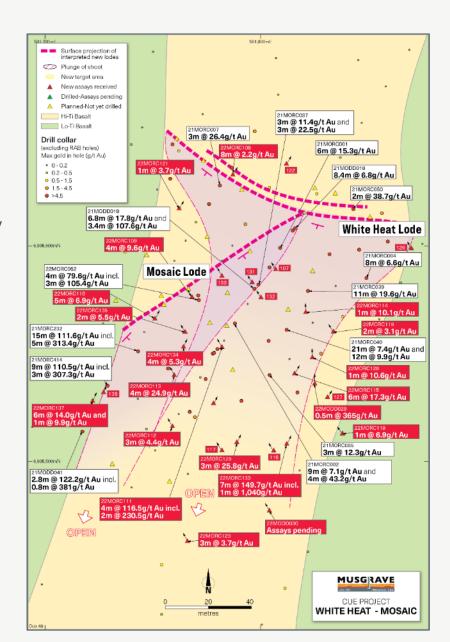


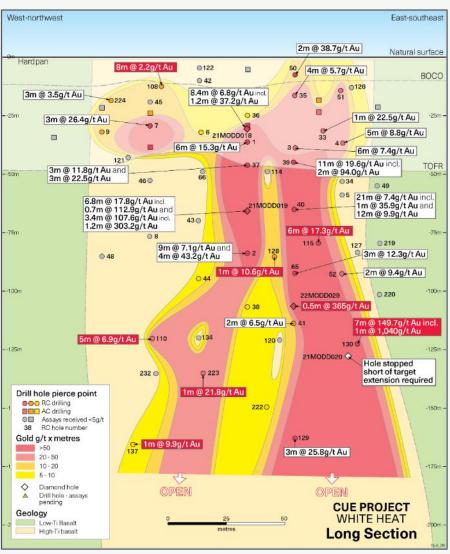
^{*} Mineral Resource details and CP statements on Slides 21-25

WHITE HEAT-MOSAIC DEPOSIT – BREAK OF DAY TREND



- New Mineral Resource
 - 185kt @ 11.0g/t Au for 65koz Gold
 - Surface to 160m depth
 - 80% Indicated category
- New high-grade results
 - 4m @ 116g/t Au
 - 1m @ 1,040g/t Au
- Lodes open down plunge
- Further drilling underway





STARLIGHT ANALOGUES – NEW TARGETS



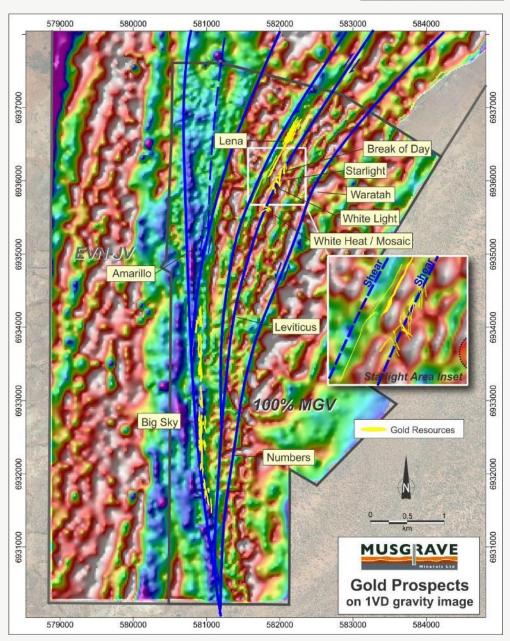


New discoveries have changed the paradigm – increased the search space

Discovery upside with multiple regional targets formulating pipeline

High-grade gold identified across multiple new prospects – more to find

New >30,000m follow-up AC/RC/Diam drilling programs May-Aug 2022
Significant resource growth potential



GOLD CORRIDORS & REGIONAL TARGETS



Big Sky Deposit

- >2.6km strike and open down dip
- 4.65Mt @ 1.2g/t Au for 173koz Au (to ~120m depth)

Amarillo Target – no resource yet

- 11m @ 8.4g/t Au from 66m (21MUAC103)
- 7m @ 23.7g/t Au from 102m (22MORC060)

Waratah Trend – no resource yet

- 400m east of BoD
- 2m @ 28.1g/t Au (21MORC359)

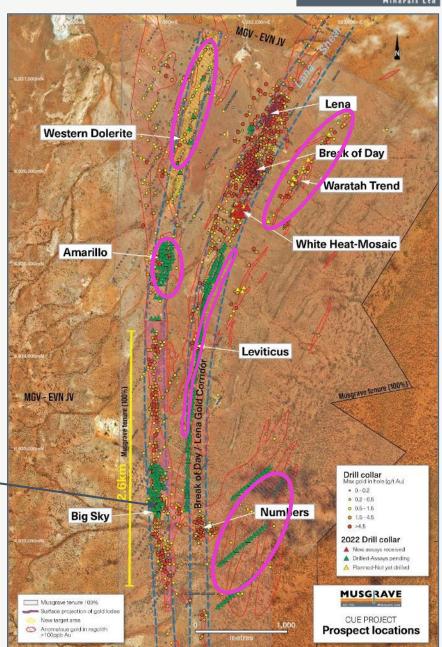
Multiple gold corridors

Exploration and discovery upside potential

Big Sky Gold nuggets and gold in quartz from RC sample 49-50m down hole in 21MORC277. Interval assayed 1m @ 898g/t Au from 49-50m.

See ASX release dated 27 October 2021

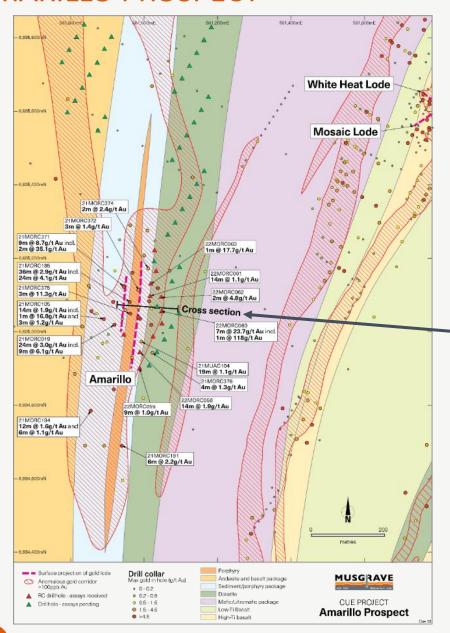




^{*} Mineral Resource details and CP statements on Slides 21-25

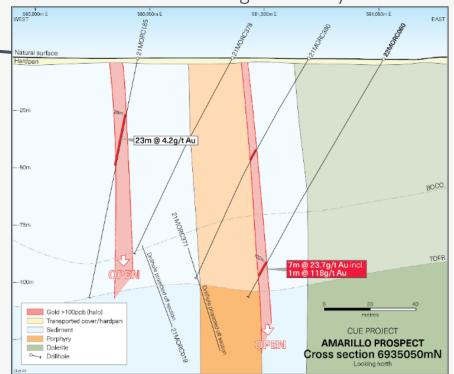
AMARILLO PROSPECT





Near-surface gold mineralisation

- Two parallel, sub-vertical gold lodes >400m strike
- 7m @ 23.7g/t Au from 102m (22MORC060), incl.
 - 1m @ 118g/t Au from 107m
- 9m @ 8.7g/t Au from 44m (21MORC371)
- 23m @ 4.2g/t Au from 26m (21MORC185)
- Not in current resource
- Resource definition drilling underway



PFS LEVEL STUDIES

Cue Gold Project – Development Works Program



Total Mineral Resource Estimate May 2022 – 12.3Mt's @ 2.3g/t for 927koz PFS focused on sub set of Resource - Break of Day, White Heat, Lena, Big Sky – 9.9Mt's @ 2.6g/t for 826koz

Initial Mineral Resource Pit Shells	Completed
Infill Drilling within Mineral Resource Shells	Commenced
Test Work - metallurgical, geochemical, hydrological and geotechnical	Commenced
Engagement- Heritage and community	Ongoing
Long Lead Approvals - Mining Lease conversion, permits and licenses	Commenced
Capital Infrastructure Projects and Renewable Power Option Study	Pending
Mining, Processing and Administration Cost Updates	Pending
Open Pit to Underground Option Study	Pending
Updated Pit Designs and Underground Plans	Pending
Site Design and Layout	Pending
Financial Analysis	Pending

Prefeasibility Study and Maiden Reserve Statement

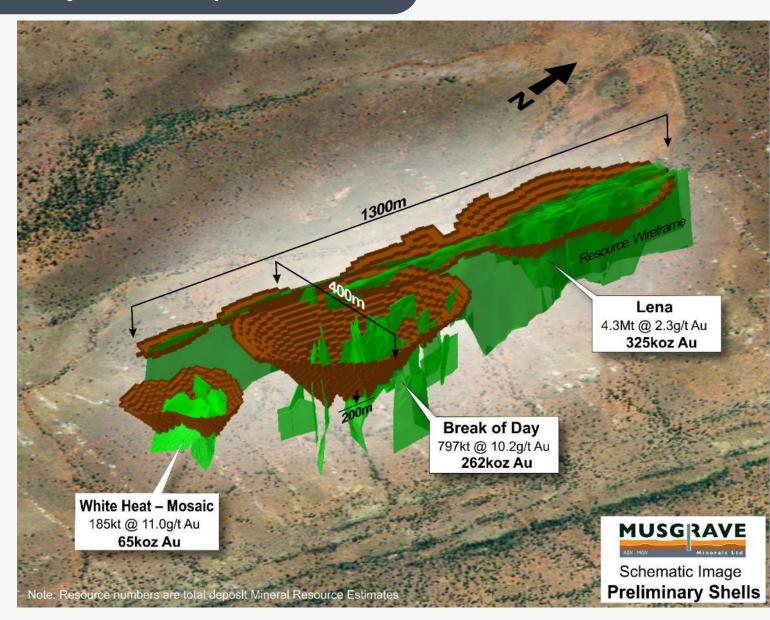


PFS LEVEL STUDIES



Cue Gold Project – Development Works

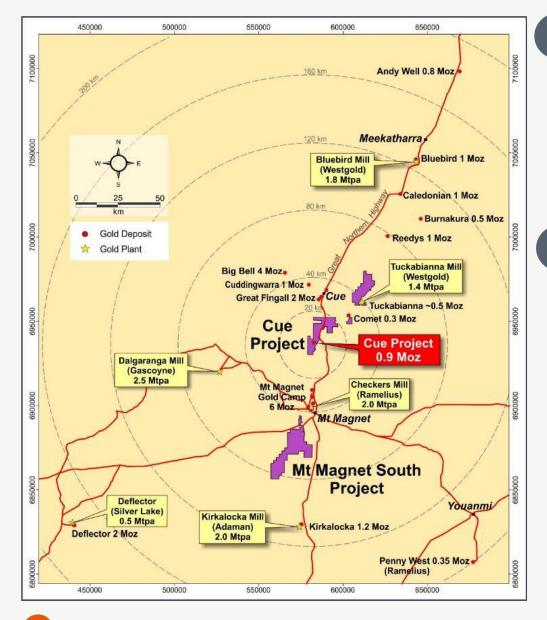
- Recent Mineral Resource upgrade provides confidence to progress standalone development
- PFS process commenced to unlock resource value
- The high-grade Break of Day Trend deposits provide focus on higher margins
- Opportunity for further discovery and further resource growth



^{*} Mineral Resource details and CP statements on Slides 21-25

EXCELLENT INFRASTRUCTURE – DEVELOPMENT OPTIONS





Great Location

- Surrounded by significant gold producers (Ramelius, Westgold, Silver Lake)
- Excellent road infrastructure

Strategic Appeal

 Progressing towards standalone operation

Exploration upside

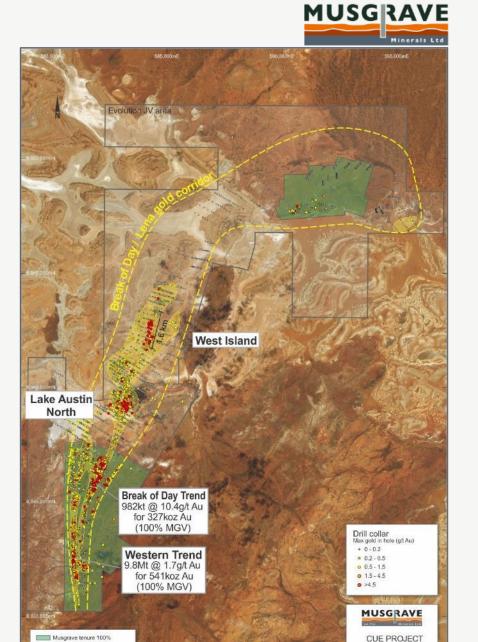
EVN JV funding lake exploration

Strong AUD gold price



GOLD TARGETS – LAKE AUSTIN (EVN JV)

- EVN JV Evolution can spend \$18M in 5yrs to earn 75%
 - EVN managing JV and ongoing budget
- Multiple new high priority gold targets under variable thickness dune and lake cover
- Basement gold mineralisation intersected at West Island and Lake Austin North targets
- Gold intercepts include:
 - West Island
 - 4.3m @ 41.5g/t Au (21MODD025)
 - 19m @ 4.4g/t Au (22CUDD001)
 - **68m @ 1.5g/t Au** (21MOAC024)
 - Lake Austin North
 - **84m @ 1.7g/t Au** (18MORC039) incl.
 - 20m @ 6.1g/t Au
 - 94m @ 2.2g/t Au (18MORC057)incl.
 - 29m @ 5.1g/t Au
- Diamond and aircore drilling continuing



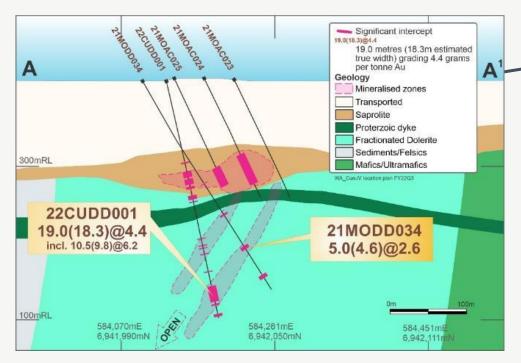
Evolution JV Location Plan

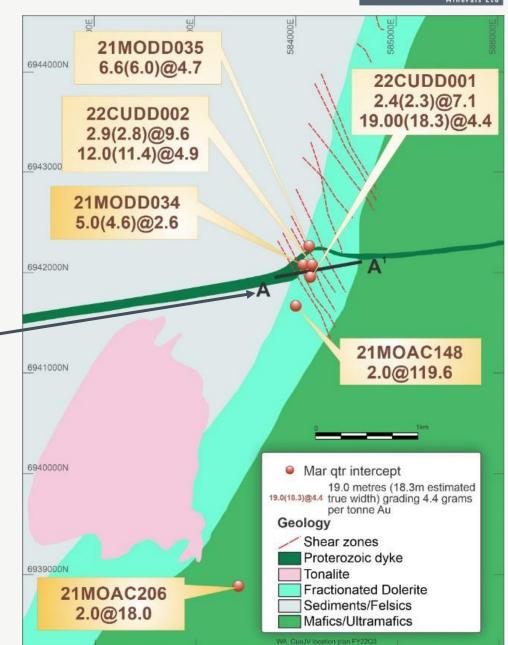
Evolution joint venture are

WEST ISLAND - LAKE AUSTIN (EVN JV)

MUSGRAVE

- Target >1.6km long with extensive gold in regolith below lake cover – Dolerite host
- Oxide gold mineralisation up to 150m wide over an extensive area
 Best oxide intercepts include:
- 53m @ 2.0g/t Au from 108m (21MOAC025)
- Basement gold intercepts include:
- 4.3m @ 41.5g/t Au from 160.7m (21MODD025) 19m @ 4.4g/t Au from 282m (21MODD025)
- Further diamond and aircore drilling ongoing

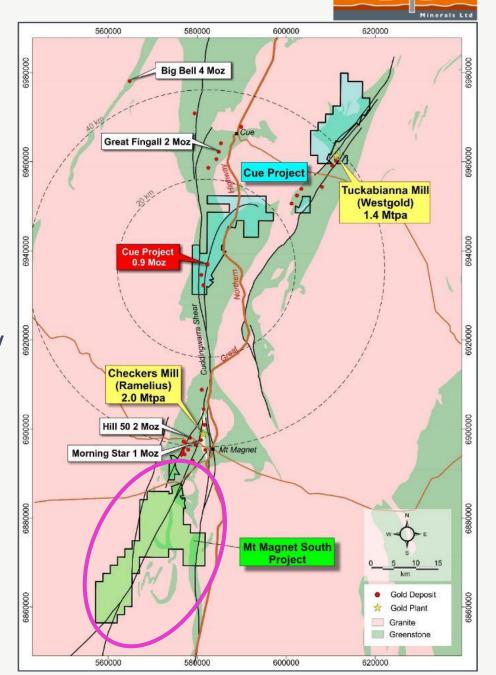




NEW TENURE – MT MAGNET SOUTH PROJECT

Company growth opportunity

- Multiple untested targets and very limited historical exploration
 - 294 km² area
- Synergies with Cue Project
- Creates a long-term pipeline of opportunities
- Ability to fully utilize exploration strengths and apply learnings from Cue
- New detailed gravity survey completed
 - Integrating with aeromags to define drill targets
- Field validation of new targets Q3



SCHEDULED WORK PLAN



Cue Gold Project	Q3 2022	Q4 2022
RC drilling – Amarillo & new regional targets	•	•
Aircore drilling & assays – new regional targets	•	•
Resource infill and extensional drilling at Big Sky and White Heat-Mosaic	•	•
Mainland drilling & assays	•	•
EVN JV – Diamond & aircore drilling follow-up of high priority targets	•	•
Prefeasibility level studies	•	•



ESG (ENVIRONMENT, SOCIAL & GOVERNANCE)



vironment



Minimise our carbon footprint.



Regularly monitor and strive to continually improve our environmental performance.



Consult and communicate openly with communities, government and other stakeholders.



Treat all people equally and fairly, regardless of their characteristics.



Implement and maintain effective health, hygiene and safety.



Develop mutually beneficial relationships with Indigenous peoples and communities.





Act with integrity and fair dealing in business affairs.



Maintain a diverse mix of skills, gender and experience on the Board of Directors.



GRADE + RESOURCES + RECOVERY
INFRASTRUCTURE + LOCATION + EXPLORATION UPSIDE

Total Mineral Resources

 12.3mt @ 2.3g/t Au for 927koz Au ...and potential to grow

- High-grade Trend (near-surface)
 - High value near-surface component
 - 982kt @ 10.4g/t Au for 327koz Au
- Opportunity for further discoveries and resource growth
- Exploration joint venture with Evolution Mining
- Activity and news flow:
 - Further drilling at Amarillo, Big Sky & Mosaic
 - Regional drilling new targets
 - EVN JV diamond & aircore drilling
 - PFS level studies
- Well funded & strong AUD gold price environment







ADDITIONAL INFORMATION

GOLD RESOURCES

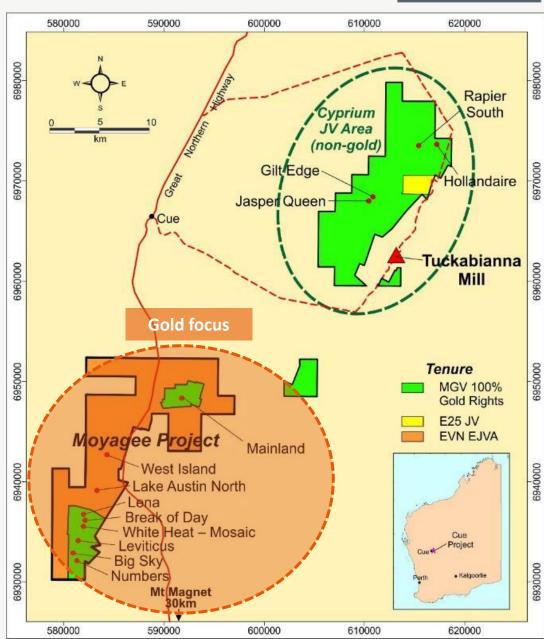


JORC Mineral Resources (Indicated and Inferred)

Southern Area* (Moyagee)	Tonnes (000's)	Au (g/t)	Oz Au
Break of Day High-grade Trend	982	10.4	327,000
Western Trend	9,815	1.7	541,000
Total	10,797	2.5	868,000
Northern Area *	Tonnes (000's)	Au (g/t)	Oz Au
Total	1,509	1.2	59,000
Total Cue Project	12,306	2.3	927,000

^{*} As at 31 May 2022 Gold Mineral Resources are complaint with JORC 2012 and reported by Musgrave Minerals Ltd (MGV) in ASX announcements dated 31 May 2022, 11 November 2020, 17 February 2020, and 14 July 2017 and Cyprium Metals Limited (CYM) in its ASX Announcement dated 29 September 2020.

Due to the affects of rounding, the totals may not reflect the sum of all components.



^{**} The Hollandaire Cu-Au Mineral Resource Estimate is on 100% basis (MGV has a 20% attributable interest in the Hollandaire Cu-Au deposit, free carried to completion of DFS). The Hollandaire Gold Cap is 100% MGV. Totals are on an attributable interest basis. Complete resource tables are detailed on slide 23 and CP statements on slide 25.

JORC GOLD MINERAL RESOURCES -31 MAY 2022



	Indicated Resources			Inferred Resources			Total Resources		
Deposit	Tonnes '000s	Au Grade g/t	Total oz. Au '000s	Tonnes '000s	Au Grade g/t	Total oz. Au '000s	Tonnes '000s	Au Grade g/t	Total oz. Au '000s
Moyagee Break of Day Tre	nd								
Break of Day	451	12.1	176	346	7.7	86	797	10.2	262
White Heat-Mosaic	116	14.1	52	70	5.8	13	185	11.0	65
Total High-Grade Trend	567	12.5	228	416	7.4	99	982	10.4	327
Moyagee Break of Day Trend									
Lena	2,253	1.7	121	2,053	3.1	204	4,305	2.3	325
Big Sky	1,170	1.3	48	3,480	1.1	125	4,650	1.2	173
Leviticus				42	6.0	8	42	6.0	8
Numbers	438	1.4	19	378	1.3	16	817	1.3	35
Total Mid-Grade Trend	3,861	1.5	188	5,953	1.8	353	9,815	1.7	541
Total Moyagee (Southern Areas)	4,427	2.9	417	6,369	2.2	452	10,797	2.5	868
Eelya									
*Hollandaire (Total)	2,179	0.3	21	605	0.4	8	2,784	0.3	29
*Hollandaire (MGV									
Attributable)	436	0.3	4	121	0.4	2	557	0.3	6
Hollandaire Gold Cap	197	1.3	9	62	1.2	2	260	1.3	11
Rapier South				258	1.7	14	258	1.7	14
Total Eelya	633	0.6	13	441	1.3	18	1,075	0.9	31
Tuckabiannna									
Jasper Queen				332	1.7	19	332	1.7	19
Gilt Edge	69	2.6	6	34	3.6	4	102	2.9	10
Total Tuckabiannna	69	2.6	6	365	1.9	23	434	2.0	28
Total Northern Areas	702	0.8	18	806	1.6	41	1,509	1.2	59
Grand Total Cue Project	5,129	2.6	435	7,175	2.1	492	12,306	2.3	927

Notes to Table:

The Mineral Resources are produced in accordance with the 2012 Edition of the Australasian Code of Reporting of Mineral Resources and Ore Reserves (JORC 2012).

For further details refer to Musgrave Minerals Ltd (MGV) ASX announcements 21 September 2021 and 31 May 2022, and Cyprium Metals Limited (CYM) announcement dated 29 September 2020.

* Note 1: The Hollandaire Cu-Au Resource Estimate is on 100% basis (MGV has a 20% attributable interest in the Hollandaire Cu-Au deposit, free carried to completion of DFS). **Totals** are on an attributable interest basis. Gold dominant mineralisation not associated with the copper resource at Hollandaire, that is 100% attributable to MGV, is modelled as the Hollandaire Gold Cap in compliance with JORC 2012.

Note 2: Due to the affects of rounding, the total may not reflect the sum of all components.

Full CP statements on slide 25.

COPPER RESOURCES

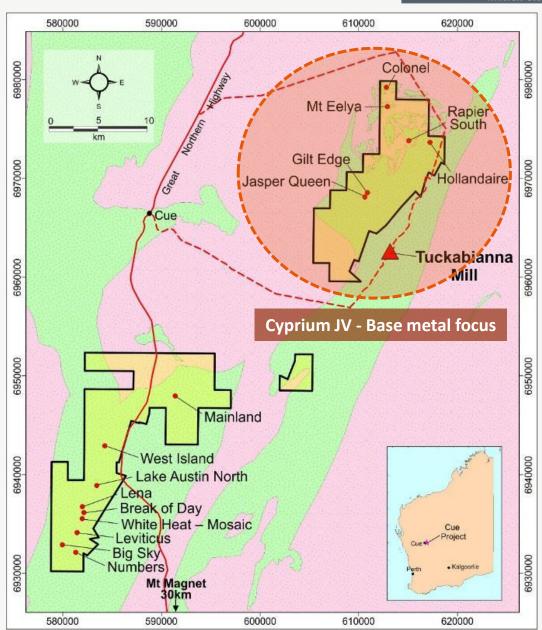


JV agreement with Cyprium Metals Ltd Copper resources at Hollandaire

Hollandaire Copper*	Tonnes (Mt)	Cu (%)	Cu (Tonnes)
Indicated Resources	2.179	2.0	42,200
Inferred Resources	0.605	1.6	9,300
Total	2.784	1.9	51,500

Opportunity to seek to discover new copper-zinc resources:

- Mt Eelya:
 - 8m @ 1.6% Cu, 0.8g/t Au, 4.5g/t Ag
- Colonel:
 - 6m @ 1.0% Cu, 1.7g/t Au, 11g/t Ag



^{*} Copper and gold Mineral Resources reported by Cyprium Metals Limited (CYM) in its ASX Announcement "Hollandaire Copper-Gold Mineral Resource Estimate", 29 September 2020. CP statements on slide 25. The Hollandaire Resource Estimate is reported on a 100% basis (MGV has a 20% attributable interest in the Hollandaire deposit, free carried to completion of DFS).

COMPETENT PERSON'S STATEMENT



Mineral Resources

The information in this report that relates to Mineral Resources for the Break of Day, Lena, White Heat-Mosaic, Big Sky, Numbers, Leviticus, Jasper Queen, Gilt Edge, Rapier South and the Hollandaire Gold Cap deposits is based on information compiled by Mr Paul Payne, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Payne is a full-time employee of Payne Geological Services. Mr Payne 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 Payne consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Mineral Resources for the Hollandaire Copper-Gold deposit is an accurate representation of the available data and is based on information compiled by external consultants and Mr Peter van Luyt a competent person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" who is a member of the Australian Institute of Geoscientists (2582). Mr van Luyt is the Chief Geologist of Cyprium Metals Limited. Mr van Luyt has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and the activity which he is undertaking to qualify as a Competent Person (CP). Mr van Luyt consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Exploration Results

The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled and/or thoroughly reviewed by Mr Robert Waugh, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM) and a Member of the Australian Institute of Geoscientists (AIG). Mr Waugh is Managing Director and a full-time employee of Musgrave Minerals Ltd. Mr Waugh 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 Waugh consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

ADDITIONAL JORC INFORMATION

Further details relating to the information provided in this Presentation can be found in the following Musgrave Minerals' ASX announcements:

- 28 July 2022, "Quarterly Activities and Cashflow Report"
- 21 July 2022, "Further High-grade gold intersected at West Island, Cue JV"
- 21 July 2022, "Company Presentation Noosa Mining conference"
- 29 June 2022, "High grade gold at Amarillo and new regional targets"
- 21 June 2022, "Appointment of General Manager-Development"
- 31 May 2022, "Cue resource Estimate Increases to 927,000 oz"
- 21 April 2022, "Thick basement gold intersections at West Island, Cue JV"
- 5 April 2022, "High grades confirm Big Sky's upside potential"
- 31 March 2022, "Musgrave consolidates its position in the Murchison"
- · 25 March 2022, "Strong drill results at Amarillo"
- 15 March 2022, "Further near-surface high grades intersected at Mosaic"
- 10 March 2022, "Half yearly report and accounts"
- 17 February 2022, "Company Presentation RIU Explorers Conference"
- 2 February 2022, "Exceptional gold grades near-surface at new Mosaic lode"
- 27 January 2022, "High grade gold intersected at West Island (cue JV)
- 6 January 2022, "New high-grade gold trend identified in regional RC program"
- 15 December 2021, "High grades continue at Big Sky"
- 1 December 2021, "New lodes identified. Stunning high-grade intercept at Cue"
- 27 October 2021, "Bonanza hit highlights high-grade potential at Big Sky"
- 15 October 2021, "Annual Report to Shareholders"
- 10 October 2021, "Thick aircore intercepts enhance West Island Prospect"
- 13 September 2021, "More thick intervals of near-surface gold at target 14 and Big Sky"
- 16 August 2021, "Bonanza gold grades at White Heat"
- 12 August 2021, "Big Sky delivers more near-surface gold"
- 19 July 2021, "Significant gold intersections enhance Big Sky"
- 30 June 2021, "High-grade gold in basement at West Island EVN Cue JV"
- 18 June 2021, "Thick gold intersections in RC drilling at Big Sky"
- 25 May 2021, "Further RC drilling results from White Heat and Numbers Prospects"
- 17 May 2021, "Big Sky gold mineralisation strike length more than doubled"
- 8 April 2021, "New Big Sky target extends high-grade gold anomaly to >1.2km"
- 19 March 2021, "High grades continue at White Heat, Cue"
- · 8 March 2021, "New Gold Corridor Identified at Cue"
- · 24 February 2021, "Outstanding high-grade gold at White Heat, Cue"
- 4 February 2021, "Appointment of Non-executive Director"
- 1 February 2021, "High-grade gold intersected in first RC holes at White Heat Prospect, Cue"
- 14 December 2020, "\$18M raising to fund resource growth and commence PFS"
- 3 December 2020, "Scout drilling intersects high-grade gold and defines large gold zones under Lake Austin, Evolution JV"
- 23 November 2020, "New White Heat discovery and further regional drilling success"
- 11 November 2020, "Break of Day High-Grade Mineral Resource Estimate"
- 2 November 2020, "Exceptional metallurgical gold recoveries at Starlight"
- 28 July 2020, "Bonanza gold grades continue at Starlight with 3m @ 884.7g/t Au"
- 6 July 2020, "85m @ 11.6g/t gold intersected near surface at Starlight"
- 9 June 2020, "Bonanza near surface hit of 18m @ 179.4g/t Au at Starlight"
- 3 June 2020, "12m @ 112.9g/t Au intersected near surface at Starlight"
- 17 February 2020,"Lena Resource Update"
- 27 November 2019, "High-grade gold intersected in drilling at Mainland, Cue Project"
- 17 September 2019, "Musgrave and evolution sign an \$18 million Earn-In JV and \$1.5M placement to accelerate exploration at Cue"
- 1 May 2019, "Drilling at A-Zone Continues to Deliver Thick, High-Grade Gold Intersections"
- 3 December 2018, "Diamond Drilling Confirms Significant Gold Discovery at Lake Austin North"
- 6 July 2017, "Excellent Gold Recoveries Achieved from Initial Metallurgical Test Work at Lena"

